



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

November 18, 2024

Illinois Environmental Protection Agency
DWPC – Permits MC#15
Attn: Part 845 Coal Combustion Residual Rule Submittal
1021 North Grand Avenue East
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 3, 2024 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 compared with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine statistical exceedances of the GWPS.

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

A Corrective Measures Assessment (CMA) for the Ash Pond was initiated on December 13, 2023, completed, and submitted to IEPA on May 12, 2024 in accordance with 35 I.A.C. § 845.660. The CMA was the first step towards developing a Corrective Action Plan, which will ultimately select a remedy to address all releases from the Ash Pond. The selected remedy will meet the performance standards of 35 I.A.C. § 845.670(d) and the Corrective Action Plan will be submitted to the Agency on or before May 12, 2025. Once implemented and completed, the selected remedy will attain the GWPSs.

Sincerely,

A handwritten signature in blue ink, appearing to read "Phil Morris", is written over a faint, light blue circular stamp.

Phil Morris, PE
Senior Director, Environmental

Enclosures

Groundwater Monitoring Data and Detected Exceedances, Quarter 3, 2024, Ash Pond, Kincaid Power Plant, Kincaid, Illinois

**35 I.A.C. § 845.610(b)(3)(D)
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES
QUARTER 3, 2024
ASH POND, KINCAID POWER PLANT, KINCAID, ILLINOIS**

November 18, 2024

Samples were collected between August 19 and 21, 2024 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 September 19, 2024.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 3, 2024 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 3, 2024 sampling event. Monitoring well MW-8S was purged dry; therefore, a groundwater sample was not collected for this sampling event.

Statistical procedures used to evaluate groundwater results are provided in Appendix A of the Groundwater Monitoring Plan¹ included in the operating permit application. In accordance with 35 I.A.C. § 845.610(b)(3)(B), the Quarter 3, 2024 groundwater monitoring data were evaluated for statistical exceedances over background levels for the constituents listed in 35 I.A.C. § 845.600. **Attachment C** shows the statistically derived values compared to background levels.

In accordance with 35 I.A.C. § 845.610(b)(3)(C), the statistically derived values identified as Statistical Results in **Table 2** were compared with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine statistical exceedances of the GWPS, as shown in **Table 2**. 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 3, 2024
Table 2	Comparison of Statistical Results to GWPS - Quarter 3, 2024

FIGURES

Figure 1	Monitoring Well Location Map
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ATTACHMENTS

Attachment A	Groundwater Elevation Data - Quarter 3, 2024
Attachment B	Laboratory Reports and Field Data Sheets - Quarter 3, 2024
Attachment C	Comparison of Statistical Results to Background - Quarter 3, 2024

¹ Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2021. *Groundwater Monitoring Plan. Ash Pond. Kincaid Power Plant. Newton, Illinois. October 25, 2021.*

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-1	Background	E006	08/19/2024	Antimony, total	0.0008 J	mg/L
MW-1	Background	E006	08/19/2024	Arsenic, total	0.0005 J	mg/L
MW-1	Background	E006	08/19/2024	Barium, total	0.0661	mg/L
MW-1	Background	E006	08/19/2024	Beryllium, total	0.0002 U	mg/L
MW-1	Background	E006	08/19/2024	Boron, total	0.292	mg/L
MW-1	Background	E006	08/19/2024	Cadmium, total	0.0002 U	mg/L
MW-1	Background	E006	08/19/2024	Calcium, total	63.3	mg/L
MW-1	Background	E006	08/19/2024	Chloride, total	14.1	mg/L
MW-1	Background	E006	08/19/2024	Chromium, total	0.0009 J	mg/L
MW-1	Background	E006	08/19/2024	Cobalt, total	0.0006 J	mg/L
MW-1	Background	E006	08/19/2024	Dissolved Oxygen	2.60	mg/L
MW-1	Background	E006	08/19/2024	Fluoride, total	0.12 J	mg/L
MW-1	Background	E006	08/19/2024	Lead, total	0.0006 U	mg/L
MW-1	Background	E006	08/19/2024	Lithium, total	0.0019 J	mg/L
MW-1	Background	E006	08/19/2024	Mercury, total	0.00006 U	mg/L
MW-1	Background	E006	08/19/2024	Molybdenum, total	0.0007 J	mg/L
MW-1	Background	E006	08/19/2024	Oxidation Reduction Potential	144	mV
MW-1	Background	E006	08/19/2024	pH (field)	6.1	SU
MW-1	Background	E006	08/19/2024	Radium 226 + Radium 228, total	0.811	pCi/L
MW-1	Background	E006	08/19/2024	Selenium, total	0.0006 U	mg/L
MW-1	Background	E006	08/19/2024	Specific Conductance @ 25C (field)	558	micromhos/cm
MW-1	Background	E006	08/19/2024	Sulfate, total	87.8	mg/L
MW-1	Background	E006	08/19/2024	Temperature	18.8	degrees C
MW-1	Background	E006	08/19/2024	Thallium, total	0.001 U	mg/L
MW-1	Background	E006	08/19/2024	Total Dissolved Solids	344	mg/L
MW-1	Background	E006	08/19/2024	Turbidity, field	8.10	NTU
MW-2	Background	E006	08/19/2024	Antimony, total	0.00130	mg/L
MW-2	Background	E006	08/19/2024	Arsenic, total	0.00200	mg/L
MW-2	Background	E006	08/19/2024	Barium, total	0.132	mg/L
MW-2	Background	E006	08/19/2024	Beryllium, total	0.0002 U	mg/L
MW-2	Background	E006	08/19/2024	Boron, total	0.0523	mg/L
MW-2	Background	E006	08/19/2024	Cadmium, total	0.0002 U	mg/L
MW-2	Background	E006	08/19/2024	Calcium, total	108	mg/L
MW-2	Background	E006	08/19/2024	Chloride, total	15.6	mg/L
MW-2	Background	E006	08/19/2024	Chromium, total	0.00490	mg/L
MW-2	Background	E006	08/19/2024	Cobalt, total	0.00150	mg/L
MW-2	Background	E006	08/19/2024	Dissolved Oxygen	4.10	mg/L
MW-2	Background	E006	08/19/2024	Fluoride, total	0.38 J	mg/L
MW-2	Background	E006	08/19/2024	Lead, total	0.00140	mg/L
MW-2	Background	E006	08/19/2024	Lithium, total	0.00800	mg/L
MW-2	Background	E006	08/19/2024	Mercury, total	0.00006 U	mg/L
MW-2	Background	E006	08/19/2024	Molybdenum, total	0.00580	mg/L
MW-2	Background	E006	08/19/2024	Oxidation Reduction Potential	84.0	mV
MW-2	Background	E006	08/19/2024	pH (field)	7.1	SU
MW-2	Background	E006	08/19/2024	Radium 226 + Radium 228, total	0.53	pCi/L
MW-2	Background	E006	08/19/2024	Selenium, total	0.0006 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-2	Background	E006	08/19/2024	Specific Conductance @ 25C (field)	750	micromhos/cm
MW-2	Background	E006	08/19/2024	Sulfate, total	140	mg/L
MW-2	Background	E006	08/19/2024	Temperature	21.1	degrees C
MW-2	Background	E006	08/19/2024	Thallium, total	0.001 U	mg/L
MW-2	Background	E006	08/19/2024	Total Dissolved Solids	518	mg/L
MW-2	Background	E006	08/19/2024	Turbidity, field	200	NTU
MW-3	Compliance	E006	08/19/2024	Antimony, total	0.0006 J	mg/L
MW-3	Compliance	E006	08/19/2024	Arsenic, total	0.0004 U	mg/L
MW-3	Compliance	E006	08/19/2024	Barium, total	0.0436	mg/L
MW-3	Compliance	E006	08/19/2024	Beryllium, total	0.0002 U	mg/L
MW-3	Compliance	E006	08/19/2024	Boron, total	1.55	mg/L
MW-3	Compliance	E006	08/19/2024	Cadmium, total	0.0002 U	mg/L
MW-3	Compliance	E006	08/19/2024	Calcium, total	101	mg/L
MW-3	Compliance	E006	08/19/2024	Chloride, total	28.8	mg/L
MW-3	Compliance	E006	08/19/2024	Chromium, total	0.0007 U	mg/L
MW-3	Compliance	E006	08/19/2024	Cobalt, total	0.0001 J	mg/L
MW-3	Compliance	E006	08/19/2024	Dissolved Oxygen	3.57	mg/L
MW-3	Compliance	E006	08/19/2024	Fluoride, total	0.15 J	mg/L
MW-3	Compliance	E006	08/19/2024	Lead, total	0.0006 U	mg/L
MW-3	Compliance	E006	08/19/2024	Lithium, total	0.0021 J	mg/L
MW-3	Compliance	E006	08/19/2024	Mercury, total	0.00006 U	mg/L
MW-3	Compliance	E006	08/19/2024	Molybdenum, total	0.0006 U	mg/L
MW-3	Compliance	E006	08/19/2024	Oxidation Reduction Potential	89.0	mV
MW-3	Compliance	E006	08/19/2024	pH (field)	6.7	SU
MW-3	Compliance	E006	08/19/2024	Radium 226 + Radium 228, total	0.206	pCi/L
MW-3	Compliance	E006	08/19/2024	Selenium, total	0.0006 U	mg/L
MW-3	Compliance	E006	08/19/2024	Specific Conductance @ 25C (field)	892	micromhos/cm
MW-3	Compliance	E006	08/19/2024	Sulfate, total	126	mg/L
MW-3	Compliance	E006	08/19/2024	Temperature	18.2	degrees C
MW-3	Compliance	E006	08/19/2024	Thallium, total	0.001 U	mg/L
MW-3	Compliance	E006	08/19/2024	Total Dissolved Solids	584	mg/L
MW-3	Compliance	E006	08/19/2024	Turbidity, field	1.40	NTU
MW-5	Compliance	E006	08/19/2024	Antimony, total	0.0004 U	mg/L
MW-5	Compliance	E006	08/19/2024	Arsenic, total	0.00140	mg/L
MW-5	Compliance	E006	08/19/2024	Barium, total	0.175	mg/L
MW-5	Compliance	E006	08/19/2024	Beryllium, total	0.0002 U	mg/L
MW-5	Compliance	E006	08/19/2024	Boron, total	0.505	mg/L
MW-5	Compliance	E006	08/19/2024	Cadmium, total	0.0002 U	mg/L
MW-5	Compliance	E006	08/19/2024	Calcium, total	173	mg/L
MW-5	Compliance	E006	08/19/2024	Chloride, total	43.5	mg/L
MW-5	Compliance	E006	08/19/2024	Chromium, total	0.00480	mg/L
MW-5	Compliance	E006	08/19/2024	Cobalt, total	0.00160	mg/L
MW-5	Compliance	E006	08/19/2024	Dissolved Oxygen	3.36	mg/L
MW-5	Compliance	E006	08/19/2024	Fluoride, total	0.06 J	mg/L
MW-5	Compliance	E006	08/19/2024	Lead, total	0.00140	mg/L
MW-5	Compliance	E006	08/19/2024	Lithium, total	0.00510	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-5	Compliance	E006	08/19/2024	Mercury, total	0.00006 U	mg/L
MW-5	Compliance	E006	08/19/2024	Molybdenum, total	0.0007 J	mg/L
MW-5	Compliance	E006	08/19/2024	Oxidation Reduction Potential	2.00	mV
MW-5	Compliance	E006	08/19/2024	pH (field)	6.6	SU
MW-5	Compliance	E006	08/19/2024	Radium 226 + Radium 228, total	0.325	pCi/L
MW-5	Compliance	E006	08/19/2024	Selenium, total	0.0006 U	mg/L
MW-5	Compliance	E006	08/19/2024	Specific Conductance @ 25C (field)	1,230	micromhos/cm
MW-5	Compliance	E006	08/19/2024	Sulfate, total	9.8 J	mg/L
MW-5	Compliance	E006	08/19/2024	Temperature	17.5	degrees C
MW-5	Compliance	E006	08/19/2024	Thallium, total	0.001 U	mg/L
MW-5	Compliance	E006	08/19/2024	Total Dissolved Solids	774	mg/L
MW-5	Compliance	E006	08/19/2024	Turbidity, field	18.0	NTU
MW-6	Compliance	E006	08/20/2024	Antimony, total	0.0004 U	mg/L
MW-6	Compliance	E006	08/20/2024	Arsenic, total	0.0007 J	mg/L
MW-6	Compliance	E006	08/20/2024	Barium, total	0.0572	mg/L
MW-6	Compliance	E006	08/20/2024	Beryllium, total	0.0002 U	mg/L
MW-6	Compliance	E006	08/20/2024	Boron, total	1.19	mg/L
MW-6	Compliance	E006	08/20/2024	Cadmium, total	0.0002 U	mg/L
MW-6	Compliance	E006	08/20/2024	Calcium, total	102	mg/L
MW-6	Compliance	E006	08/20/2024	Chloride, total	3.3 J	mg/L
MW-6	Compliance	E006	08/20/2024	Chromium, total	0.00490	mg/L
MW-6	Compliance	E006	08/20/2024	Cobalt, total	0.00140	mg/L
MW-6	Compliance	E006	08/20/2024	Dissolved Oxygen	4.96	mg/L
MW-6	Compliance	E006	08/20/2024	Fluoride, total	0.12 J	mg/L
MW-6	Compliance	E006	08/20/2024	Lead, total	0.00220	mg/L
MW-6	Compliance	E006	08/20/2024	Lithium, total	0.00420	mg/L
MW-6	Compliance	E006	08/20/2024	Mercury, total	0.00006 U	mg/L
MW-6	Compliance	E006	08/20/2024	Molybdenum, total	0.0006 U	mg/L
MW-6	Compliance	E006	08/20/2024	Oxidation Reduction Potential	88.0	mV
MW-6	Compliance	E006	08/20/2024	pH (field)	6.4	SU
MW-6	Compliance	E006	08/20/2024	Radium 226 + Radium 228, total	0.607	pCi/L
MW-6	Compliance	E006	08/20/2024	Selenium, total	0.0006 U	mg/L
MW-6	Compliance	E006	08/20/2024	Specific Conductance @ 25C (field)	746	micromhos/cm
MW-6	Compliance	E006	08/20/2024	Sulfate, total	141	mg/L
MW-6	Compliance	E006	08/20/2024	Temperature	16.9	degrees C
MW-6	Compliance	E006	08/20/2024	Thallium, total	0.001 U	mg/L
MW-6	Compliance	E006	08/20/2024	Total Dissolved Solids	520	mg/L
MW-6	Compliance	E006	08/20/2024	Turbidity, field	3.70	NTU
MW-7	Compliance	E006	08/20/2024	Antimony, total	0.0004 U	mg/L
MW-7	Compliance	E006	08/20/2024	Arsenic, total	0.00250	mg/L
MW-7	Compliance	E006	08/20/2024	Barium, total	0.0942	mg/L
MW-7	Compliance	E006	08/20/2024	Beryllium, total	0.0002 U	mg/L
MW-7	Compliance	E006	08/20/2024	Boron, total	0.555	mg/L
MW-7	Compliance	E006	08/20/2024	Cadmium, total	0.0002 U	mg/L
MW-7	Compliance	E006	08/20/2024	Calcium, total	180	mg/L
MW-7	Compliance	E006	08/20/2024	Chloride, total	6.50	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	E006	08/20/2024	Chromium, total	0.0007 U	mg/L
MW-7	Compliance	E006	08/20/2024	Cobalt, total	0.00290	mg/L
MW-7	Compliance	E006	08/20/2024	Dissolved Oxygen	0.720	mg/L
MW-7	Compliance	E006	08/20/2024	Fluoride, total	0.19 J	mg/L
MW-7	Compliance	E006	08/20/2024	Lead, total	0.0006 U	mg/L
MW-7	Compliance	E006	08/20/2024	Lithium, total	0.0029 J	mg/L
MW-7	Compliance	E006	08/20/2024	Mercury, total	0.00006 U	mg/L
MW-7	Compliance	E006	08/20/2024	Molybdenum, total	0.00220	mg/L
MW-7	Compliance	E006	08/20/2024	Oxidation Reduction Potential	-140	mV
MW-7	Compliance	E006	08/20/2024	pH (field)	6.8	SU
MW-7	Compliance	E006	08/20/2024	Radium 226 + Radium 228, total	2.46	pCi/L
MW-7	Compliance	E006	08/20/2024	Selenium, total	0.0006 U	mg/L
MW-7	Compliance	E006	08/20/2024	Specific Conductance @ 25C (field)	1,230	micromhos/cm
MW-7	Compliance	E006	08/20/2024	Sulfate, total	347	mg/L
MW-7	Compliance	E006	08/20/2024	Temperature	17.4	degrees C
MW-7	Compliance	E006	08/20/2024	Thallium, total	0.001 U	mg/L
MW-7	Compliance	E006	08/20/2024	Total Dissolved Solids	930	mg/L
MW-7	Compliance	E006	08/20/2024	Turbidity, field	7.00	NTU
MW-7S	Compliance	E006	08/20/2024	Antimony, total	0.0004 U	mg/L
MW-7S	Compliance	E006	08/20/2024	Arsenic, total	0.00940	mg/L
MW-7S	Compliance	E006	08/20/2024	Barium, total	0.0435	mg/L
MW-7S	Compliance	E006	08/20/2024	Beryllium, total	0.0002 U	mg/L
MW-7S	Compliance	E006	08/20/2024	Boron, total	4.03	mg/L
MW-7S	Compliance	E006	08/20/2024	Cadmium, total	0.0002 U	mg/L
MW-7S	Compliance	E006	08/20/2024	Calcium, total	191	mg/L
MW-7S	Compliance	E006	08/20/2024	Chloride, total	6.85	mg/L
MW-7S	Compliance	E006	08/20/2024	Chromium, total	0.0008 J	mg/L
MW-7S	Compliance	E006	08/20/2024	Cobalt, total	0.00180	mg/L
MW-7S	Compliance	E006	08/20/2024	Dissolved Oxygen	3.00	mg/L
MW-7S	Compliance	E006	08/20/2024	Fluoride, total	0.23 J	mg/L
MW-7S	Compliance	E006	08/20/2024	Lead, total	0.0006 U	mg/L
MW-7S	Compliance	E006	08/20/2024	Lithium, total	0.0015 U	mg/L
MW-7S	Compliance	E006	08/20/2024	Mercury, total	0.00006 U	mg/L
MW-7S	Compliance	E006	08/20/2024	Molybdenum, total	0.001 J	mg/L
MW-7S	Compliance	E006	08/20/2024	Oxidation Reduction Potential	-66.0	mV
MW-7S	Compliance	E006	08/20/2024	pH (field)	6.7	SU
MW-7S	Compliance	E006	08/20/2024	Radium 226 + Radium 228, total	0.868	pCi/L
MW-7S	Compliance	E006	08/20/2024	Selenium, total	0.0006 U	mg/L
MW-7S	Compliance	E006	08/20/2024	Specific Conductance @ 25C (field)	1,600	micromhos/cm
MW-7S	Compliance	E006	08/20/2024	Sulfate, total	555	mg/L
MW-7S	Compliance	E006	08/20/2024	Temperature	19.3	degrees C
MW-7S	Compliance	E006	08/20/2024	Thallium, total	0.001 U	mg/L
MW-7S	Compliance	E006	08/20/2024	Total Dissolved Solids	486	mg/L
MW-7S	Compliance	E006	08/20/2024	Turbidity, field	10.0	NTU
MW-8	Compliance	E006	08/20/2024	Antimony, total	0.0004 U	mg/L
MW-8	Compliance	E006	08/20/2024	Arsenic, total	0.0004 U	mg/L

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KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-8	Compliance	E006	08/20/2024	Barium, total	0.0276	mg/L
MW-8	Compliance	E006	08/20/2024	Beryllium, total	0.0002 U	mg/L
MW-8	Compliance	E006	08/20/2024	Boron, total	0.930	mg/L
MW-8	Compliance	E006	08/20/2024	Cadmium, total	0.0002 U	mg/L
MW-8	Compliance	E006	08/20/2024	Calcium, total	161	mg/L
MW-8	Compliance	E006	08/20/2024	Chloride, total	20.4	mg/L
MW-8	Compliance	E006	08/20/2024	Chromium, total	0.0007 U	mg/L
MW-8	Compliance	E006	08/20/2024	Cobalt, total	0.00120	mg/L
MW-8	Compliance	E006	08/20/2024	Dissolved Oxygen	0.510	mg/L
MW-8	Compliance	E006	08/20/2024	Fluoride, total	0.12 J	mg/L
MW-8	Compliance	E006	08/20/2024	Lead, total	0.0006 U	mg/L
MW-8	Compliance	E006	08/20/2024	Lithium, total	0.0021 J	mg/L
MW-8	Compliance	E006	08/20/2024	Mercury, total	0.00006 U	mg/L
MW-8	Compliance	E006	08/20/2024	Molybdenum, total	0.0006 U	mg/L
MW-8	Compliance	E006	08/20/2024	Oxidation Reduction Potential	119	mV
MW-8	Compliance	E006	08/20/2024	pH (field)	6.4	SU
MW-8	Compliance	E006	08/20/2024	Radium 226 + Radium 228, total	0.44	pCi/L
MW-8	Compliance	E006	08/20/2024	Selenium, total	0.0006 U	mg/L
MW-8	Compliance	E006	08/20/2024	Specific Conductance @ 25C (field)	763	micromhos/cm
MW-8	Compliance	E006	08/20/2024	Sulfate, total	205	mg/L
MW-8	Compliance	E006	08/20/2024	Temperature	15.7	degrees C
MW-8	Compliance	E006	08/20/2024	Thallium, total	0.001 U	mg/L
MW-8	Compliance	E006	08/20/2024	Total Dissolved Solids	816	mg/L
MW-8	Compliance	E006	08/20/2024	Turbidity, field	1.20	NTU
MW-8S	Compliance	E006	--	Antimony, total	NS ⁷	mg/L
MW-8S	Compliance	E006	--	Arsenic, total	NS ⁷	mg/L
MW-8S	Compliance	E006	--	Barium, total	NS ⁷	mg/L
MW-8S	Compliance	E006	--	Beryllium, total	NS ⁷	mg/L
MW-8S	Compliance	E006	--	Boron, total	NS ⁷	mg/L
MW-8S	Compliance	E006	--	Cadmium, total	NS ⁷	mg/L
MW-8S	Compliance	E006	--	Calcium, total	NS ⁷	mg/L
MW-8S	Compliance	E006	--	Chloride, total	NS ⁷	mg/L
MW-8S	Compliance	E006	--	Chromium, total	NS ⁷	mg/L
MW-8S	Compliance	E006	--	Cobalt, total	NS ⁷	mg/L
MW-8S	Compliance	E006	--	Dissolved Oxygen	NS ⁷	mg/L
MW-8S	Compliance	E006	--	Fluoride, total	NS ⁷	mg/L
MW-8S	Compliance	E006	--	Lead, total	NS ⁷	mg/L
MW-8S	Compliance	E006	--	Lithium, total	NS ⁷	mg/L
MW-8S	Compliance	E006	--	Mercury, total	NS ⁷	mg/L
MW-8S	Compliance	E006	--	Molybdenum, total	NS ⁷	mg/L
MW-8S	Compliance	E006	--	Oxidation Reduction Potential	NS ⁷	mV
MW-8S	Compliance	E006	--	pH (field)	NS ⁷	SU
MW-8S	Compliance	E006	--	Radium 226 + Radium 228, total	NS ⁷	pCi/L
MW-8S	Compliance	E006	--	Selenium, total	NS ⁷	mg/L
MW-8S	Compliance	E006	--	Specific Conductance @ 25C (field)	NS ⁷	micromhos/cm
MW-8S	Compliance	E006	--	Sulfate, total	NS ⁷	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024
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KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-8S	Compliance	E006	--	Temperature	NS ⁷	degrees C
MW-8S	Compliance	E006	--	Thallium, total	NS ⁷	mg/L
MW-8S	Compliance	E006	--	Total Dissolved Solids	NS ⁷	mg/L
MW-8S	Compliance	E006	--	Turbidity, field	NS ⁷	NTU
MW-11	Compliance	E006	08/20/2024	Antimony, total	0.0004 U	mg/L
MW-11	Compliance	E006	08/20/2024	Arsenic, total	0.0007 J	mg/L
MW-11	Compliance	E006	08/20/2024	Barium, total	0.115	mg/L
MW-11	Compliance	E006	08/20/2024	Beryllium, total	0.0002 U	mg/L
MW-11	Compliance	E006	08/20/2024	Boron, total	1.48	mg/L
MW-11	Compliance	E006	08/20/2024	Cadmium, total	0.0002 U	mg/L
MW-11	Compliance	E006	08/20/2024	Calcium, total	123	mg/L
MW-11	Compliance	E006	08/20/2024	Chloride, total	32.2	mg/L
MW-11	Compliance	E006	08/20/2024	Chromium, total	0.0007 U	mg/L
MW-11	Compliance	E006	08/20/2024	Cobalt, total	0.0006 J	mg/L
MW-11	Compliance	E006	08/20/2024	Dissolved Oxygen	0.770	mg/L
MW-11	Compliance	E006	08/20/2024	Fluoride, total	0.43 J	mg/L
MW-11	Compliance	E006	08/20/2024	Lead, total	0.0319	mg/L
MW-11	Compliance	E006	08/20/2024	Lithium, total	0.00320	mg/L
MW-11	Compliance	E006	08/20/2024	Mercury, total	0.00006 U	mg/L
MW-11	Compliance	E006	08/20/2024	Molybdenum, total	0.00210	mg/L
MW-11	Compliance	E006	08/20/2024	Oxidation Reduction Potential	36.0	mV
MW-11	Compliance	E006	08/20/2024	pH (field)	6.7	SU
MW-11	Compliance	E006	08/20/2024	Radium 226 + Radium 228, total	1.04	pCi/L
MW-11	Compliance	E006	08/20/2024	Selenium, total	0.0006 U	mg/L
MW-11	Compliance	E006	08/20/2024	Specific Conductance @ 25C (field)	1,030	micromhos/cm
MW-11	Compliance	E006	08/20/2024	Sulfate, total	121	mg/L
MW-11	Compliance	E006	08/20/2024	Temperature	17.9	degrees C
MW-11	Compliance	E006	08/20/2024	Thallium, total	0.001 U	mg/L
MW-11	Compliance	E006	08/20/2024	Total Dissolved Solids	632	mg/L
MW-11	Compliance	E006	08/20/2024	Turbidity, field	2.40	NTU
MW-12	Compliance	E006	08/20/2024	Antimony, total	0.0007 J	mg/L
MW-12	Compliance	E006	08/20/2024	Arsenic, total	0.0005 J	mg/L
MW-12	Compliance	E006	08/20/2024	Barium, total	0.0779	mg/L
MW-12	Compliance	E006	08/20/2024	Beryllium, total	0.0002 U	mg/L
MW-12	Compliance	E006	08/20/2024	Boron, total	3.07	mg/L
MW-12	Compliance	E006	08/20/2024	Cadmium, total	0.0002 U	mg/L
MW-12	Compliance	E006	08/20/2024	Calcium, total	209	mg/L
MW-12	Compliance	E006	08/20/2024	Chloride, total	29.5	mg/L
MW-12	Compliance	E006	08/20/2024	Chromium, total	0.0009 J	mg/L
MW-12	Compliance	E006	08/20/2024	Cobalt, total	0.0002 J	mg/L
MW-12	Compliance	E006	08/20/2024	Dissolved Oxygen	3.52	mg/L
MW-12	Compliance	E006	08/20/2024	Fluoride, total	0.11 J	mg/L
MW-12	Compliance	E006	08/20/2024	Lead, total	0.0006 U	mg/L
MW-12	Compliance	E006	08/20/2024	Lithium, total	0.00980	mg/L
MW-12	Compliance	E006	08/20/2024	Mercury, total	0.00006 U	mg/L
MW-12	Compliance	E006	08/20/2024	Molybdenum, total	0.0009 J	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024
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ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-12	Compliance	E006	08/20/2024	Oxidation Reduction Potential	-67.0	mV
MW-12	Compliance	E006	08/20/2024	pH (field)	6.7	SU
MW-12	Compliance	E006	08/20/2024	Radium 226 + Radium 228, total	0.793	pCi/L
MW-12	Compliance	E006	08/20/2024	Selenium, total	0.0006 U	mg/L
MW-12	Compliance	E006	08/20/2024	Specific Conductance @ 25C (field)	1,420	micromhos/cm
MW-12	Compliance	E006	08/20/2024	Sulfate, total	360	mg/L
MW-12	Compliance	E006	08/20/2024	Temperature	18.4	degrees C
MW-12	Compliance	E006	08/20/2024	Thallium, total	0.001 U	mg/L
MW-12	Compliance	E006	08/20/2024	Total Dissolved Solids	1,120	mg/L
MW-12	Compliance	E006	08/20/2024	Turbidity, field	16.0	NTU
MW-20	Compliance	E006	08/21/2024	Antimony, total	0.0004 U	mg/L
MW-20	Compliance	E006	08/21/2024	Arsenic, total	0.0006 J	mg/L
MW-20	Compliance	E006	08/21/2024	Barium, total	0.0975	mg/L
MW-20	Compliance	E006	08/21/2024	Beryllium, total	0.0002 U	mg/L
MW-20	Compliance	E006	08/21/2024	Boron, total	0.739	mg/L
MW-20	Compliance	E006	08/21/2024	Cadmium, total	0.0002 U	mg/L
MW-20	Compliance	E006	08/21/2024	Calcium, total	137	mg/L
MW-20	Compliance	E006	08/21/2024	Chloride, total	20.1	mg/L
MW-20	Compliance	E006	08/21/2024	Chromium, total	0.00180	mg/L
MW-20	Compliance	E006	08/21/2024	Cobalt, total	0.0005 J	mg/L
MW-20	Compliance	E006	08/21/2024	Dissolved Oxygen	4.03	mg/L
MW-20	Compliance	E006	08/21/2024	Fluoride, total	0.28 J	mg/L
MW-20	Compliance	E006	08/21/2024	Lead, total	0.0006 U	mg/L
MW-20	Compliance	E006	08/21/2024	Lithium, total	0.00400	mg/L
MW-20	Compliance	E006	08/21/2024	Mercury, total	0.00006 U	mg/L
MW-20	Compliance	E006	08/21/2024	Molybdenum, total	0.00340	mg/L
MW-20	Compliance	E006	08/21/2024	Oxidation Reduction Potential	-41.0	mV
MW-20	Compliance	E006	08/21/2024	pH (field)	6.9	SU
MW-20	Compliance	E006	08/21/2024	Radium 226 + Radium 228, total	0.628	pCi/L
MW-20	Compliance	E006	08/21/2024	Selenium, total	0.0006 U	mg/L
MW-20	Compliance	E006	08/21/2024	Specific Conductance @ 25C (field)	980	micromhos/cm
MW-20	Compliance	E006	08/21/2024	Sulfate, total	147	mg/L
MW-20	Compliance	E006	08/21/2024	Temperature	16.9	degrees C
MW-20	Compliance	E006	08/21/2024	Thallium, total	0.001 U	mg/L
MW-20	Compliance	E006	08/21/2024	Total Dissolved Solids	672	mg/L
MW-20	Compliance	E006	08/21/2024	Turbidity, field	15.0	NTU
MW-20S	Compliance	E006	08/20/2024	Antimony, total	0.0004 U	mg/L
MW-20S	Compliance	E006	08/20/2024	Arsenic, total	0.0004 U	mg/L
MW-20S	Compliance	E006	08/20/2024	Barium, total	0.0363	mg/L
MW-20S	Compliance	E006	08/20/2024	Beryllium, total	0.0002 U	mg/L
MW-20S	Compliance	E006	08/20/2024	Boron, total	1.80	mg/L
MW-20S	Compliance	E006	08/20/2024	Cadmium, total	0.0002 U	mg/L
MW-20S	Compliance	E006	08/20/2024	Calcium, total	205	mg/L
MW-20S	Compliance	E006	08/20/2024	Chloride, total	18.0	mg/L
MW-20S	Compliance	E006	08/20/2024	Chromium, total	0.0007 J	mg/L
MW-20S	Compliance	E006	08/20/2024	Cobalt, total	0.0002 J	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024
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ASH POND
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-20S	Compliance	E006	08/20/2024	Dissolved Oxygen	1.60	mg/L
MW-20S	Compliance	E006	08/20/2024	Fluoride, total	0.12 J	mg/L
MW-20S	Compliance	E006	08/20/2024	Lead, total	0.0006 U	mg/L
MW-20S	Compliance	E006	08/20/2024	Lithium, total	0.0015 U	mg/L
MW-20S	Compliance	E006	08/20/2024	Mercury, total	0.00006 U	mg/L
MW-20S	Compliance	E006	08/20/2024	Molybdenum, total	0.0006 J	mg/L
MW-20S	Compliance	E006	08/20/2024	Oxidation Reduction Potential	30.0	mV
MW-20S	Compliance	E006	08/20/2024	pH (field)	6.6	SU
MW-20S	Compliance	E006	08/20/2024	Radium 226 + Radium 228, total	0.45	pCi/L
MW-20S	Compliance	E006	08/20/2024	Selenium, total	0.0006 U	mg/L
MW-20S	Compliance	E006	08/20/2024	Specific Conductance @ 25C (field)	1,430	micromhos/cm
MW-20S	Compliance	E006	08/20/2024	Sulfate, total	389	mg/L
MW-20S	Compliance	E006	08/20/2024	Temperature	19.0	degrees C
MW-20S	Compliance	E006	08/20/2024	Thallium, total	0.001 U	mg/L
MW-20S	Compliance	E006	08/20/2024	Total Dissolved Solids	1,070	mg/L
MW-20S	Compliance	E006	08/20/2024	Turbidity, field	8.80	NTU
MW-23	Compliance	E006	08/21/2024	Antimony, total	0.0005 J	mg/L
MW-23	Compliance	E006	08/21/2024	Arsenic, total	0.00320	mg/L
MW-23	Compliance	E006	08/21/2024	Barium, total	0.109	mg/L
MW-23	Compliance	E006	08/21/2024	Beryllium, total	0.0002 U	mg/L
MW-23	Compliance	E006	08/21/2024	Boron, total	2.08	mg/L
MW-23	Compliance	E006	08/21/2024	Cadmium, total	0.0002 U	mg/L
MW-23	Compliance	E006	08/21/2024	Calcium, total	119	mg/L
MW-23	Compliance	E006	08/21/2024	Chloride, total	25.1	mg/L
MW-23	Compliance	E006	08/21/2024	Chromium, total	0.0007 U	mg/L
MW-23	Compliance	E006	08/21/2024	Cobalt, total	0.0009 J	mg/L
MW-23	Compliance	E006	08/21/2024	Dissolved Oxygen	4.31	mg/L
MW-23	Compliance	E006	08/21/2024	Fluoride, total	0.26 J	mg/L
MW-23	Compliance	E006	08/21/2024	Lead, total	0.0006 U	mg/L
MW-23	Compliance	E006	08/21/2024	Lithium, total	0.0015 U	mg/L
MW-23	Compliance	E006	08/21/2024	Mercury, total	0.00006 U	mg/L
MW-23	Compliance	E006	08/21/2024	Molybdenum, total	0.001 J	mg/L
MW-23	Compliance	E006	08/21/2024	Oxidation Reduction Potential	-150	mV
MW-23	Compliance	E006	08/21/2024	pH (field)	6.8	SU
MW-23	Compliance	E006	08/21/2024	Radium 226 + Radium 228, total	0.619	pCi/L
MW-23	Compliance	E006	08/21/2024	Selenium, total	0.0006 U	mg/L
MW-23	Compliance	E006	08/21/2024	Specific Conductance @ 25C (field)	954	micromhos/cm
MW-23	Compliance	E006	08/21/2024	Sulfate, total	44.5	mg/L
MW-23	Compliance	E006	08/21/2024	Temperature	16.2	degrees C
MW-23	Compliance	E006	08/21/2024	Thallium, total	0.001 U	mg/L
MW-23	Compliance	E006	08/21/2024	Total Dissolved Solids	600	mg/L
MW-23	Compliance	E006	08/21/2024	Turbidity, field	1 U	NTU
MW-27	Compliance	E006	08/21/2024	Antimony, total	0.0004 U	mg/L
MW-27	Compliance	E006	08/21/2024	Arsenic, total	0.00400	mg/L
MW-27	Compliance	E006	08/21/2024	Barium, total	0.122	mg/L
MW-27	Compliance	E006	08/21/2024	Beryllium, total	0.0002 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024
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ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-27	Compliance	E006	08/21/2024	Boron, total	0.677	mg/L
MW-27	Compliance	E006	08/21/2024	Cadmium, total	0.0002 U	mg/L
MW-27	Compliance	E006	08/21/2024	Calcium, total	196	mg/L
MW-27	Compliance	E006	08/21/2024	Chloride, total	10.4	mg/L
MW-27	Compliance	E006	08/21/2024	Chromium, total	0.00330	mg/L
MW-27	Compliance	E006	08/21/2024	Cobalt, total	0.00360	mg/L
MW-27	Compliance	E006	08/21/2024	Dissolved Oxygen	4.69	mg/L
MW-27	Compliance	E006	08/21/2024	Fluoride, total	0.15 J	mg/L
MW-27	Compliance	E006	08/21/2024	Lead, total	0.00120	mg/L
MW-27	Compliance	E006	08/21/2024	Lithium, total	0.00350	mg/L
MW-27	Compliance	E006	08/21/2024	Mercury, total	0.00006 U	mg/L
MW-27	Compliance	E006	08/21/2024	Molybdenum, total	0.00270	mg/L
MW-27	Compliance	E006	08/21/2024	Oxidation Reduction Potential	-6.00	mV
MW-27	Compliance	E006	08/21/2024	pH (field)	6.5	SU
MW-27	Compliance	E006	08/21/2024	Radium 226 + Radium 228, total	0.919	pCi/L
MW-27	Compliance	E006	08/21/2024	Selenium, total	0.0006 U	mg/L
MW-27	Compliance	E006	08/21/2024	Specific Conductance @ 25C (field)	993	micromhos/cm
MW-27	Compliance	E006	08/21/2024	Sulfate, total	403	mg/L
MW-27	Compliance	E006	08/21/2024	Temperature	18.4	degrees C
MW-27	Compliance	E006	08/21/2024	Thallium, total	0.001 U	mg/L
MW-27	Compliance	E006	08/21/2024	Total Dissolved Solids	1,020	mg/L
MW-27	Compliance	E006	08/21/2024	Turbidity, field	43.0	NTU
MW-28	Compliance	E006	08/20/2024	Antimony, total	0.0004 U	mg/L
MW-28	Compliance	E006	08/20/2024	Arsenic, total	0.0004 U	mg/L
MW-28	Compliance	E006	08/20/2024	Barium, total	0.0249	mg/L
MW-28	Compliance	E006	08/20/2024	Beryllium, total	0.0002 U	mg/L
MW-28	Compliance	E006	08/20/2024	Boron, total	7.99	mg/L
MW-28	Compliance	E006	08/20/2024	Cadmium, total	0.0002 U	mg/L
MW-28	Compliance	E006	08/20/2024	Calcium, total	318	mg/L
MW-28	Compliance	E006	08/20/2024	Chloride, total	9.44	mg/L
MW-28	Compliance	E006	08/20/2024	Chromium, total	0.0007 U	mg/L
MW-28	Compliance	E006	08/20/2024	Cobalt, total	0.0005 J	mg/L
MW-28	Compliance	E006	08/20/2024	Dissolved Oxygen	3.84	mg/L
MW-28	Compliance	E006	08/20/2024	Fluoride, total	0.03 U	mg/L
MW-28	Compliance	E006	08/20/2024	Lead, total	0.0006 U	mg/L
MW-28	Compliance	E006	08/20/2024	Lithium, total	0.00600	mg/L
MW-28	Compliance	E006	08/20/2024	Mercury, total	0.00006 U	mg/L
MW-28	Compliance	E006	08/20/2024	Molybdenum, total	0.0006 U	mg/L
MW-28	Compliance	E006	08/20/2024	Oxidation Reduction Potential	77.0	mV
MW-28	Compliance	E006	08/20/2024	pH (field)	6.7	SU
MW-28	Compliance	E006	08/20/2024	Radium 226 + Radium 228, total	0.692	pCi/L
MW-28	Compliance	E006	08/20/2024	Selenium, total	0.0006 U	mg/L
MW-28	Compliance	E006	08/20/2024	Specific Conductance @ 25C (field)	2,290	micromhos/cm
MW-28	Compliance	E006	08/20/2024	Sulfate, total	1,070	mg/L
MW-28	Compliance	E006	08/20/2024	Temperature	17.5	degrees C
MW-28	Compliance	E006	08/20/2024	Thallium, total	0.001 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-28	Compliance	E006	08/20/2024	Total Dissolved Solids	1,980	mg/L
MW-28	Compliance	E006	08/20/2024	Turbidity, field	1 U	NTU
MW-30	Compliance	E006	08/20/2024	Antimony, total	0.0004 U	mg/L
MW-30	Compliance	E006	08/20/2024	Arsenic, total	0.0133	mg/L
MW-30	Compliance	E006	08/20/2024	Barium, total	0.179	mg/L
MW-30	Compliance	E006	08/20/2024	Beryllium, total	0.0002 U	mg/L
MW-30	Compliance	E006	08/20/2024	Boron, total	1.11	mg/L
MW-30	Compliance	E006	08/20/2024	Cadmium, total	0.0002 U	mg/L
MW-30	Compliance	E006	08/20/2024	Calcium, total	126	mg/L
MW-30	Compliance	E006	08/20/2024	Chloride, total	38.5	mg/L
MW-30	Compliance	E006	08/20/2024	Chromium, total	0.0007 U	mg/L
MW-30	Compliance	E006	08/20/2024	Cobalt, total	0.00170	mg/L
MW-30	Compliance	E006	08/20/2024	Dissolved Oxygen	4.30	mg/L
MW-30	Compliance	E006	08/20/2024	Fluoride, total	0.23 J	mg/L
MW-30	Compliance	E006	08/20/2024	Lead, total	0.0006 U	mg/L
MW-30	Compliance	E006	08/20/2024	Lithium, total	0.0015 U	mg/L
MW-30	Compliance	E006	08/20/2024	Mercury, total	0.00006 U	mg/L
MW-30	Compliance	E006	08/20/2024	Molybdenum, total	0.0012 J	mg/L
MW-30	Compliance	E006	08/20/2024	Oxidation Reduction Potential	-101	mV
MW-30	Compliance	E006	08/20/2024	pH (field)	6.6	SU
MW-30	Compliance	E006	08/20/2024	Radium 226 + Radium 228, total	0.797	pCi/L
MW-30	Compliance	E006	08/20/2024	Selenium, total	0.0006 U	mg/L
MW-30	Compliance	E006	08/20/2024	Specific Conductance @ 25C (field)	1,030	micromhos/cm
MW-30	Compliance	E006	08/20/2024	Sulfate, total	2 J	mg/L
MW-30	Compliance	E006	08/20/2024	Temperature	16.3	degrees C
MW-30	Compliance	E006	08/20/2024	Thallium, total	0.001 U	mg/L
MW-30	Compliance	E006	08/20/2024	Total Dissolved Solids	244	mg/L
MW-30	Compliance	E006	08/20/2024	Turbidity, field	1 U	NTU
MW-31	Compliance	E006	08/21/2024	Antimony, total	0.0004 U	mg/L
MW-31	Compliance	E006	08/21/2024	Arsenic, total	0.00220	mg/L
MW-31	Compliance	E006	08/21/2024	Barium, total	0.219	mg/L
MW-31	Compliance	E006	08/21/2024	Beryllium, total	0.0002 U	mg/L
MW-31	Compliance	E006	08/21/2024	Boron, total	0.202	mg/L
MW-31	Compliance	E006	08/21/2024	Cadmium, total	0.0002 U	mg/L
MW-31	Compliance	E006	08/21/2024	Calcium, total	141	mg/L
MW-31	Compliance	E006	08/21/2024	Chloride, total	43.4	mg/L
MW-31	Compliance	E006	08/21/2024	Chromium, total	0.0007 U	mg/L
MW-31	Compliance	E006	08/21/2024	Cobalt, total	0.0007 J	mg/L
MW-31	Compliance	E006	08/21/2024	Dissolved Oxygen	3.56	mg/L
MW-31	Compliance	E006	08/21/2024	Fluoride, total	0.06 J	mg/L
MW-31	Compliance	E006	08/21/2024	Lead, total	0.0006 U	mg/L
MW-31	Compliance	E006	08/21/2024	Lithium, total	0.00430	mg/L
MW-31	Compliance	E006	08/21/2024	Mercury, total	0.00006 U	mg/L
MW-31	Compliance	E006	08/21/2024	Molybdenum, total	0.0006 U	mg/L
MW-31	Compliance	E006	08/21/2024	Oxidation Reduction Potential	-90.0	mV
MW-31	Compliance	E006	08/21/2024	pH (field)	6.7	SU

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-31	Compliance	E006	08/21/2024	Radium 226 + Radium 228, total	0.679	pCi/L
MW-31	Compliance	E006	08/21/2024	Selenium, total	0.0006 U	mg/L
MW-31	Compliance	E006	08/21/2024	Specific Conductance @ 25C (field)	1,040	micromhos/cm
MW-31	Compliance	E006	08/21/2024	Sulfate, total	0.74 J	mg/L
MW-31	Compliance	E006	08/21/2024	Temperature	16.7	degrees C
MW-31	Compliance	E006	08/21/2024	Thallium, total	0.001 U	mg/L
MW-31	Compliance	E006	08/21/2024	Total Dissolved Solids	500	mg/L
MW-31	Compliance	E006	08/21/2024	Turbidity, field	1 U	NTU
MW-31S	Compliance	E006	08/21/2024	Antimony, total	0.0004 U	mg/L
MW-31S	Compliance	E006	08/21/2024	Arsenic, total	0.0166	mg/L
MW-31S	Compliance	E006	08/21/2024	Barium, total	0.262	mg/L
MW-31S	Compliance	E006	08/21/2024	Beryllium, total	0.0002 U	mg/L
MW-31S	Compliance	E006	08/21/2024	Boron, total	0.105	mg/L
MW-31S	Compliance	E006	08/21/2024	Cadmium, total	0.0002 U	mg/L
MW-31S	Compliance	E006	08/21/2024	Calcium, total	151	mg/L
MW-31S	Compliance	E006	08/21/2024	Chloride, total	18.4	mg/L
MW-31S	Compliance	E006	08/21/2024	Chromium, total	0.0007 U	mg/L
MW-31S	Compliance	E006	08/21/2024	Cobalt, total	0.00120	mg/L
MW-31S	Compliance	E006	08/21/2024	Dissolved Oxygen	5.58	mg/L
MW-31S	Compliance	E006	08/21/2024	Fluoride, total	0.08 J	mg/L
MW-31S	Compliance	E006	08/21/2024	Lead, total	0.0006 U	mg/L
MW-31S	Compliance	E006	08/21/2024	Lithium, total	0.002 J	mg/L
MW-31S	Compliance	E006	08/21/2024	Mercury, total	0.00006 U	mg/L
MW-31S	Compliance	E006	08/21/2024	Molybdenum, total	0.0006 U	mg/L
MW-31S	Compliance	E006	08/21/2024	Oxidation Reduction Potential	-68.0	mV
MW-31S	Compliance	E006	08/21/2024	pH (field)	6.7	SU
MW-31S	Compliance	E006	08/21/2024	Radium 226 + Radium 228, total	1.1	pCi/L
MW-31S	Compliance	E006	08/21/2024	Selenium, total	0.0006 U	mg/L
MW-31S	Compliance	E006	08/21/2024	Specific Conductance @ 25C (field)	1,310	micromhos/cm
MW-31S	Compliance	E006	08/21/2024	Sulfate, total	2.1 J	mg/L
MW-31S	Compliance	E006	08/21/2024	Temperature	21.2	degrees C
MW-31S	Compliance	E006	08/21/2024	Thallium, total	0.001 U	mg/L
MW-31S	Compliance	E006	08/21/2024	Total Dissolved Solids	650	mg/L
MW-31S	Compliance	E006	08/21/2024	Turbidity, field	19.0	NTU
MW-32	Compliance	E006	08/20/2024	Antimony, total	0.00150	mg/L
MW-32	Compliance	E006	08/20/2024	Arsenic, total	0.0004 U	mg/L
MW-32	Compliance	E006	08/20/2024	Barium, total	0.0497	mg/L
MW-32	Compliance	E006	08/20/2024	Beryllium, total	0.0002 U	mg/L
MW-32	Compliance	E006	08/20/2024	Boron, total	1.59	mg/L
MW-32	Compliance	E006	08/20/2024	Cadmium, total	0.0002 U	mg/L
MW-32	Compliance	E006	08/20/2024	Calcium, total	165	mg/L
MW-32	Compliance	E006	08/20/2024	Chloride, total	10.1	mg/L
MW-32	Compliance	E006	08/20/2024	Chromium, total	0.0007 U	mg/L
MW-32	Compliance	E006	08/20/2024	Cobalt, total	0.0005 J	mg/L
MW-32	Compliance	E006	08/20/2024	Dissolved Oxygen	1.10	mg/L
MW-32	Compliance	E006	08/20/2024	Fluoride, total	0.07 J	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-32	Compliance	E006	08/20/2024	Lead, total	0.0006 U	mg/L
MW-32	Compliance	E006	08/20/2024	Lithium, total	0.0018 J	mg/L
MW-32	Compliance	E006	08/20/2024	Mercury, total	0.00006 U	mg/L
MW-32	Compliance	E006	08/20/2024	Molybdenum, total	0.0006 U	mg/L
MW-32	Compliance	E006	08/20/2024	Oxidation Reduction Potential	16.0	mV
MW-32	Compliance	E006	08/20/2024	pH (field)	6.4	SU
MW-32	Compliance	E006	08/20/2024	Radium 226 + Radium 228, total	0.343	pCi/L
MW-32	Compliance	E006	08/20/2024	Selenium, total	0.0006 U	mg/L
MW-32	Compliance	E006	08/20/2024	Specific Conductance @ 25C (field)	1,410	micromhos/cm
MW-32	Compliance	E006	08/20/2024	Sulfate, total	335	mg/L
MW-32	Compliance	E006	08/20/2024	Temperature	16.2	degrees C
MW-32	Compliance	E006	08/20/2024	Thallium, total	0.001 U	mg/L
MW-32	Compliance	E006	08/20/2024	Total Dissolved Solids	1,010	mg/L
MW-32	Compliance	E006	08/20/2024	Turbidity, field	2.30	NTU
PZ-4C	Compliance	E006	08/21/2024	Antimony, total	0.0004 U	mg/L
PZ-4C	Compliance	E006	08/21/2024	Arsenic, total	0.00220	mg/L
PZ-4C	Compliance	E006	08/21/2024	Barium, total	0.295	mg/L
PZ-4C	Compliance	E006	08/21/2024	Beryllium, total	0.0002 U	mg/L
PZ-4C	Compliance	E006	08/21/2024	Boron, total	1.37	mg/L
PZ-4C	Compliance	E006	08/21/2024	Cadmium, total	0.0002 U	mg/L
PZ-4C	Compliance	E006	08/21/2024	Calcium, total	131	mg/L
PZ-4C	Compliance	E006	08/21/2024	Chloride, total	34.2	mg/L
PZ-4C	Compliance	E006	08/21/2024	Chromium, total	0.00760	mg/L
PZ-4C	Compliance	E006	08/21/2024	Cobalt, total	0.00260	mg/L
PZ-4C	Compliance	E006	08/21/2024	Dissolved Oxygen	1.94	mg/L
PZ-4C	Compliance	E006	08/21/2024	Fluoride, total	0.3 J	mg/L
PZ-4C	Compliance	E006	08/21/2024	Lead, total	0.00400	mg/L
PZ-4C	Compliance	E006	08/21/2024	Lithium, total	0.0119	mg/L
PZ-4C	Compliance	E006	08/21/2024	Mercury, total	0.00006 U	mg/L
PZ-4C	Compliance	E006	08/21/2024	Molybdenum, total	0.0006 J	mg/L
PZ-4C	Compliance	E006	08/21/2024	Oxidation Reduction Potential	-68.0	mV
PZ-4C	Compliance	E006	08/21/2024	pH (field)	6.8	SU
PZ-4C	Compliance	E006	08/21/2024	Radium 226 + Radium 228, total	1.05	pCi/L
PZ-4C	Compliance	E006	08/21/2024	Selenium, total	0.0006 U	mg/L
PZ-4C	Compliance	E006	08/21/2024	Specific Conductance @ 25C (field)	950	micromhos/cm
PZ-4C	Compliance	E006	08/21/2024	Sulfate, total	65.3	mg/L
PZ-4C	Compliance	E006	08/21/2024	Temperature	17.6	degrees C
PZ-4C	Compliance	E006	08/21/2024	Thallium, total	0.001 U	mg/L
PZ-4C	Compliance	E006	08/21/2024	Total Dissolved Solids	570	mg/L
PZ-4C	Compliance	E006	08/21/2024	Turbidity, field	96.0	NTU

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Notes:

C = Celsius
cm = centimeter
mg/L = milligrams per liter
Missing Code (if applicable):
NR¹ = Select parameters were not analyzed.
NS¹ = This 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 = A sample was not collected because the location was inaccessible.
NS⁴ = The location could not be found, therefore a sample was not collected.
NS⁵ = A sample was not collected because of damage to the well.
NS⁶ = A sample was not collected because of pump issues.
NS⁷ = A sample was not collected because the well was either dry or was purged dry and did not recover.
NS⁸ = A sample was not collected.
PM¹ = Select parameters were not analyzed as the well purged dry during sample collection and did not sufficiently recover to sample for all parameters.
mV = millivolts
NTU = Nephelometric Turbidity Units
pCi/L = picocuries per liter
SU = Standard Units
J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
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	E006	Antimony, total	mg/L	12/15/15 - 08/19/24	29	97	CI around median	0.001	0.006	Standard	No Exceedance
MW-3	UA	E006	Arsenic, total	mg/L	12/15/15 - 08/19/24	29	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-3	UA	E006	Barium, total	mg/L	12/15/15 - 08/19/24	29	0	CI around median	0.0453	2.0	Standard	No Exceedance
MW-3	UA	E006	Beryllium, total	mg/L	12/15/15 - 08/19/24	29	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-3	UA	E006	Boron, total	mg/L	12/15/15 - 08/19/24	29	0	CI around median	1.56	2	Standard	No Exceedance
MW-3	UA	E006	Cadmium, total	mg/L	12/15/15 - 08/19/24	29	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-3	UA	E006	Chloride, total	mg/L	12/15/15 - 08/19/24	29	0	CB around linear reg	27.1	200	Standard	No Exceedance
MW-3	UA	E006	Chromium, total	mg/L	12/15/15 - 08/19/24	29	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-3	UA	E006	Cobalt, total	mg/L	12/15/15 - 08/19/24	29	88	CI around median	0.001	0.006	Standard	No Exceedance
MW-3	UA	E006	Fluoride, total	mg/L	12/15/15 - 08/19/24	29	3	CI around mean	0.242	4.0	Standard	No Exceedance
MW-3	UA	E006	Lead, total	mg/L	12/15/15 - 08/19/24	29	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-3	UA	E006	Lithium, total	mg/L	02/25/21 - 08/19/24	15	93	CI around median	0.003	0.04	Standard	No Exceedance
MW-3	UA	E006	Mercury, total	mg/L	12/15/15 - 08/19/24	29	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-3	UA	E006	Molybdenum, total	mg/L	02/25/21 - 08/19/24	15	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-3	UA	E006	pH (field)	SU	12/15/15 - 08/19/24	29	0	CB around linear reg	6.4/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-3	UA	E006	Radium 226 + Radium 228, total	pCi/L	11/06/17 - 08/19/24	25	0	CI around median	0.271	5	Standard	No Exceedance
MW-3	UA	E006	Selenium, total	mg/L	12/15/15 - 08/19/24	29	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-3	UA	E006	Sulfate, total	mg/L	12/15/15 - 08/19/24	29	0	CB around linear reg	113	400	Standard	No Exceedance
MW-3	UA	E006	Thallium, total	mg/L	12/15/15 - 08/19/24	29	97	CB around T-S line	0.002	0.002	Standard	No Exceedance
MW-3	UA	E006	Total Dissolved Solids	mg/L	12/15/15 - 08/19/24	29	0	CB around linear reg	539	1,200	Standard	No Exceedance
MW-5	UA	E006	Antimony, total	mg/L	12/15/15 - 08/19/24	31	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-5	UA	E006	Arsenic, total	mg/L	12/15/15 - 08/19/24	33	82	CB around T-S line	0.001	0.010	Standard	No Exceedance
MW-5	UA	E006	Barium, total	mg/L	12/15/15 - 08/19/24	33	0	CB around T-S line	0.147	2.0	Standard	No Exceedance
MW-5	UA	E006	Beryllium, total	mg/L	12/15/15 - 08/19/24	31	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-5	UA	E006	Boron, total	mg/L	12/15/15 - 08/19/24	33	0	CI around mean	0.529	2	Standard	No Exceedance
MW-5	UA	E006	Cadmium, total	mg/L	12/15/15 - 08/19/24	30	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-5	UA	E006	Chloride, total	mg/L	12/15/15 - 08/19/24	33	0	CB around linear reg	44.7	200	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
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	E006	Chromium, total	mg/L	12/15/15 - 08/19/24	33	90	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-5	UA	E006	Cobalt, total	mg/L	12/15/15 - 08/19/24	33	84	CI around median	0.001	0.006	Standard	No Exceedance
MW-5	UA	E006	Fluoride, total	mg/L	12/15/15 - 08/19/24	33	5	CB around T-S line	0.16	4.0	Standard	No Exceedance
MW-5	UA	E006	Lead, total	mg/L	12/15/15 - 08/19/24	33	90	CI around median	0.001	0.0075	Standard	No Exceedance
MW-5	UA	E006	Lithium, total	mg/L	12/15/15 - 08/19/24	25	32	CB around T-S line	0.003	0.04	Standard	No Exceedance
MW-5	UA	E006	Mercury, total	mg/L	12/15/15 - 08/19/24	30	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-5	UA	E006	Molybdenum, total	mg/L	12/15/15 - 08/19/24	25	96	CB around T-S line	0.00145	0.1	Standard	No Exceedance
MW-5	UA	E006	pH (field)	SU	12/15/15 - 08/19/24	33	0	CB around linear reg	6.4/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-5	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 08/19/24	34	0	CI around median	0.3	5	Standard	No Exceedance
MW-5	UA	E006	Selenium, total	mg/L	12/15/15 - 08/19/24	33	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-5	UA	E006	Sulfate, total	mg/L	12/15/15 - 08/19/24	33	34	CI around median	10	400	Standard	No Exceedance
MW-5	UA	E006	Thallium, total	mg/L	12/15/15 - 08/19/24	30	97	CB around T-S line	0.00195	0.002	Standard	No Exceedance
MW-5	UA	E006	Total Dissolved Solids	mg/L	12/15/15 - 08/19/24	33	0	CB around linear reg	716	1,200	Standard	No Exceedance
MW-6	UA	E006	Antimony, total	mg/L	12/15/15 - 08/20/24	31	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-6	UA	E006	Arsenic, total	mg/L	12/15/15 - 08/20/24	33	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-6	UA	E006	Barium, total	mg/L	12/15/15 - 08/20/24	33	0	CB around linear reg	0.0381	2.0	Standard	No Exceedance
MW-6	UA	E006	Beryllium, total	mg/L	12/15/15 - 08/20/24	31	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-6	UA	E006	Boron, total	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	0.968	2	Standard	No Exceedance
MW-6	UA	E006	Cadmium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-6	UA	E006	Chloride, total	mg/L	12/15/15 - 08/20/24	33	55	CB around T-S line	2.45	200	Standard	No Exceedance
MW-6	UA	E006	Chromium, total	mg/L	12/15/15 - 08/20/24	33	84	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-6	UA	E006	Cobalt, total	mg/L	12/15/15 - 08/20/24	33	97	CI around median	0.001	0.006	Standard	No Exceedance
MW-6	UA	E006	Fluoride, total	mg/L	12/15/15 - 08/20/24	33	3	CB around linear reg	0.197	4.0	Standard	No Exceedance
MW-6	UA	E006	Lead, total	mg/L	12/15/15 - 08/20/24	33	97	CI around median	0.001	0.0075	Standard	No Exceedance
MW-6	UA	E006	Lithium, total	mg/L	12/15/15 - 08/20/24	25	84	CB around T-S line	0.00287	0.04	Standard	No Exceedance
MW-6	UA	E006	Mercury, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-6	UA	E006	Molybdenum, total	mg/L	12/15/15 - 08/20/24	25	100	All ND - Last	0.0015	0.1	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
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	E006	pH (field)	SU	12/15/15 - 08/20/24	33	0	CB around linear reg	6.3/6.5	5.6/9.0	Background/Standard	No Exceedance
MW-6	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 08/20/24	34	0	CI around median	0.417	5	Standard	No Exceedance
MW-6	UA	E006	Selenium, total	mg/L	12/15/15 - 08/20/24	33	92	CI around median	0.001	0.05	Standard	No Exceedance
MW-6	UA	E006	Sulfate, total	mg/L	12/15/15 - 08/20/24	33	0	CB around linear reg	70.3	400	Standard	No Exceedance
MW-6	UA	E006	Thallium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-6	UA	E006	Total Dissolved Solids	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	491	1,200	Standard	No Exceedance
MW-7	UA	E006	Antimony, total	mg/L	12/15/15 - 08/20/24	31	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-7	UA	E006	Arsenic, total	mg/L	12/15/15 - 08/20/24	33	68	CI around median	0.001	0.010	Standard	No Exceedance
MW-7	UA	E006	Barium, total	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	0.0473	2.0	Standard	No Exceedance
MW-7	UA	E006	Beryllium, total	mg/L	12/15/15 - 08/20/24	31	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-7	UA	E006	Boron, total	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	0.232	2	Standard	No Exceedance
MW-7	UA	E006	Cadmium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-7	UA	E006	Chloride, total	mg/L	12/15/15 - 08/20/24	33	74	CI around median	4	200	Standard	No Exceedance
MW-7	UA	E006	Chromium, total	mg/L	12/15/15 - 08/20/24	33	95	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-7	UA	E006	Cobalt, total	mg/L	12/15/15 - 08/20/24	33	79	CB around T-S line	0.001	0.006	Standard	No Exceedance
MW-7	UA	E006	Fluoride, total	mg/L	12/15/15 - 08/20/24	33	3	CI around mean	0.254	4.0	Standard	No Exceedance
MW-7	UA	E006	Lead, total	mg/L	12/15/15 - 08/20/24	33	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-7	UA	E006	Lithium, total	mg/L	12/15/15 - 08/20/24	25	44	CI around median	0.003	0.04	Standard	No Exceedance
MW-7	UA	E006	Mercury, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-7	UA	E006	Molybdenum, total	mg/L	12/15/15 - 08/20/24	25	4	CI around mean	0.00252	0.1	Standard	No Exceedance
MW-7	UA	E006	pH (field)	SU	12/15/15 - 08/20/24	33	0	CB around linear reg	6.7/7.0	5.6/9.0	Background/Standard	No Exceedance
MW-7	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 08/20/24	34	0	CI around geomean	0.474	5	Standard	No Exceedance
MW-7	UA	E006	Selenium, total	mg/L	12/15/15 - 08/20/24	33	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-7	UA	E006	Sulfate, total	mg/L	12/15/15 - 08/20/24	33	0	CI around geomean	178	400	Standard	No Exceedance
MW-7	UA	E006	Thallium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-7	UA	E006	Total Dissolved Solids	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	580	1,200	Standard	No Exceedance
MW-7S	USCU	E006	Antimony, total	mg/L	02/24/21 - 08/20/24	13	92	CI around median	0.001	0.006	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
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	E006	Arsenic, total	mg/L	02/24/21 - 08/20/24	13	0	CI around median	0.0069	0.010	Standard	No Exceedance
MW-7S	USCU	E006	Barium, total	mg/L	02/24/21 - 08/20/24	13	0	CI around median	0.0402	2.0	Standard	No Exceedance
MW-7S	USCU	E006	Beryllium, total	mg/L	02/24/21 - 08/20/24	13	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-7S	USCU	E006	Boron, total	mg/L	02/24/21 - 08/20/24	13	0	CI around mean	3.91	2	Standard	Exceedance
MW-7S	USCU	E006	Cadmium, total	mg/L	02/24/21 - 08/20/24	13	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-7S	USCU	E006	Chloride, total	mg/L	02/24/21 - 08/20/24	13	0	CB around linear reg	6.7	200	Standard	No Exceedance
MW-7S	USCU	E006	Chromium, total	mg/L	02/24/21 - 08/20/24	13	54	CI around median	0.0015	0.1	Standard	No Exceedance
MW-7S	USCU	E006	Cobalt, total	mg/L	02/24/21 - 08/20/24	13	15	CI around geomean	0.00106	0.006	Standard	No Exceedance
MW-7S	USCU	E006	Fluoride, total	mg/L	02/24/21 - 08/20/24	13	8	CB around linear reg	0.245	4.0	Standard	No Exceedance
MW-7S	USCU	E006	Lead, total	mg/L	02/24/21 - 08/20/24	13	77	CI around median	0.001	0.0075	Standard	No Exceedance
MW-7S	USCU	E006	Lithium, total	mg/L	02/24/21 - 08/20/24	13	92	CI around median	0.003	0.04	Standard	No Exceedance
MW-7S	USCU	E006	Mercury, total	mg/L	02/24/21 - 08/20/24	13	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-7S	USCU	E006	Molybdenum, total	mg/L	02/24/21 - 08/20/24	13	69	CI around median	0.0015	0.1	Standard	No Exceedance
MW-7S	USCU	E006	pH (field)	SU	02/24/21 - 08/20/24	13	0	CI around median	6.6/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-7S	USCU	E006	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 08/20/24	13	0	CI around mean	0.235	5	Standard	No Exceedance
MW-7S	USCU	E006	Selenium, total	mg/L	02/24/21 - 08/20/24	13	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-7S	USCU	E006	Sulfate, total	mg/L	02/24/21 - 08/20/24	13	0	CI around mean	432	400	Standard	Exceedance
MW-7S	USCU	E006	Thallium, total	mg/L	02/24/21 - 08/20/24	13	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-7S	USCU	E006	Total Dissolved Solids	mg/L	02/24/21 - 08/20/24	12	0	CI around median	486	1,200	Standard	No Exceedance
MW-8	UA	E006	Antimony, total	mg/L	12/15/15 - 08/20/24	31	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-8	UA	E006	Arsenic, total	mg/L	12/15/15 - 08/20/24	33	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-8	UA	E006	Barium, total	mg/L	12/15/15 - 08/20/24	33	0	CB around linear reg	0.0199	2.0	Standard	No Exceedance
MW-8	UA	E006	Beryllium, total	mg/L	12/15/15 - 08/20/24	31	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-8	UA	E006	Boron, total	mg/L	12/15/15 - 08/20/24	33	0	CI around median	0.938	2	Standard	No Exceedance
MW-8	UA	E006	Cadmium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-8	UA	E006	Chloride, total	mg/L	12/15/15 - 08/20/24	33	0	CB around T-S line	13.3	200	Standard	No Exceedance
MW-8	UA	E006	Chromium, total	mg/L	12/15/15 - 08/20/24	33	100	All ND - Last	0.0015	0.1	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
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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	E006	Cobalt, total	mg/L	12/15/15 - 08/20/24	33	26	CI around geomean	0.00102	0.006	Standard	No Exceedance
MW-8	UA	E006	Fluoride, total	mg/L	12/15/15 - 08/20/24	33	3	CB around T-S line	0.217	4.0	Standard	No Exceedance
MW-8	UA	E006	Lead, total	mg/L	12/15/15 - 08/20/24	33	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-8	UA	E006	Lithium, total	mg/L	12/15/15 - 08/20/24	25	56	CB around T-S line	0.00296	0.04	Standard	No Exceedance
MW-8	UA	E006	Mercury, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-8	UA	E006	Molybdenum, total	mg/L	12/15/15 - 08/20/24	25	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-8	UA	E006	pH (field)	SU	12/15/15 - 08/20/24	33	0	CB around linear reg	6.4/6.6	5.6/9.0	Background/Standard	No Exceedance
MW-8	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 08/20/24	34	0	CI around median	0.21	5	Standard	No Exceedance
MW-8	UA	E006	Selenium, total	mg/L	12/15/15 - 08/20/24	33	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-8	UA	E006	Sulfate, total	mg/L	12/15/15 - 08/20/24	33	0	CB around linear reg	199	400	Standard	No Exceedance
MW-8	UA	E006	Thallium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-8	UA	E006	Total Dissolved Solids	mg/L	12/15/15 - 08/20/24	33	0	CB around linear reg	765	1,200	Standard	No Exceedance
MW-8S	USCU	E006	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.006	Standard	--
MW-8S	USCU	E006	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.010	Standard	--
MW-8S	USCU	E006	Barium, total	mg/L	--	--	--	--	NS ⁷	2.0	Standard	--
MW-8S	USCU	E006	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.004	Standard	--
MW-8S	USCU	E006	Boron, total	mg/L	--	--	--	--	NS ⁷	2	Standard	--
MW-8S	USCU	E006	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.005	Standard	--
MW-8S	USCU	E006	Chloride, total	mg/L	--	--	--	--	NS ⁷	200	Standard	--
MW-8S	USCU	E006	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--
MW-8S	USCU	E006	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.006	Standard	--
MW-8S	USCU	E006	Fluoride, total	mg/L	--	--	--	--	NS ⁷	4.0	Standard	--
MW-8S	USCU	E006	Lead, total	mg/L	--	--	--	--	NS ⁷	0.0075	Standard	--
MW-8S	USCU	E006	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.04	Standard	--
MW-8S	USCU	E006	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
MW-8S	USCU	E006	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.1	Standard	--
MW-8S	USCU	E006	pH (field)	SU	--	--	--	--	NS ⁷	5.6/9.0	Background/Standard	--

TABLE 2.
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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	E006	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	5	Standard	--
MW-8S	USCU	E006	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.05	Standard	--
MW-8S	USCU	E006	Sulfate, total	mg/L	--	--	--	--	NS ⁷	400	Standard	--
MW-8S	USCU	E006	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.002	Standard	--
MW-8S	USCU	E006	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	1,200	Standard	--
MW-11	UA	E006	Antimony, total	mg/L	12/15/15 - 08/20/24	31	97	CI around median	0.001	0.006	Standard	No Exceedance
MW-11	UA	E006	Arsenic, total	mg/L	12/15/15 - 08/20/24	33	27	CI around median	0.0011	0.010	Standard	No Exceedance
MW-11	UA	E006	Barium, total	mg/L	12/15/15 - 08/20/24	33	0	CB around linear reg	0.109	2.0	Standard	No Exceedance
MW-11	UA	E006	Beryllium, total	mg/L	12/15/15 - 08/20/24	31	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-11	UA	E006	Boron, total	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	1.55	2	Standard	No Exceedance
MW-11	UA	E006	Cadmium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-11	UA	E006	Chloride, total	mg/L	12/15/15 - 08/20/24	33	0	CB around T-S line	28.9	200	Standard	No Exceedance
MW-11	UA	E006	Chromium, total	mg/L	12/15/15 - 08/20/24	33	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-11	UA	E006	Cobalt, total	mg/L	12/15/15 - 08/20/24	33	94	CI around median	0.001	0.006	Standard	No Exceedance
MW-11	UA	E006	Fluoride, total	mg/L	12/15/15 - 08/20/24	33	3	CI around median	0.48	4.0	Standard	No Exceedance
MW-11	UA	E006	Lead, total	mg/L	12/15/15 - 08/20/24	33	97	CI around median	0.001	0.0075	Standard	No Exceedance
MW-11	UA	E006	Lithium, total	mg/L	12/15/15 - 08/20/24	25	48	CB around linear reg	0.00288	0.04	Standard	No Exceedance
MW-11	UA	E006	Mercury, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-11	UA	E006	Molybdenum, total	mg/L	12/15/15 - 08/20/24	25	4	CI around median	0.0021	0.1	Standard	No Exceedance
MW-11	UA	E006	pH (field)	SU	12/15/15 - 08/20/24	33	0	CB around linear reg	6.5/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-11	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 08/20/24	34	0	CI around mean	0.564	5	Standard	No Exceedance
MW-11	UA	E006	Selenium, total	mg/L	12/15/15 - 08/20/24	33	67	CI around median	0.001	0.05	Standard	No Exceedance
MW-11	UA	E006	Sulfate, total	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	109	400	Standard	No Exceedance
MW-11	UA	E006	Thallium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-11	UA	E006	Total Dissolved Solids	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	627	1,200	Standard	No Exceedance
MW-12	UA	E006	Antimony, total	mg/L	12/15/15 - 08/20/24	31	97	CI around median	0.001	0.006	Standard	No Exceedance
MW-12	UA	E006	Arsenic, total	mg/L	12/15/15 - 08/20/24	33	91	CI around median	0.001	0.010	Standard	No Exceedance

TABLE 2.
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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-12	UA	E006	Barium, total	mg/L	12/15/15 - 08/20/24	33	0	CB around linear reg	0.0617	2.0	Standard	No Exceedance
MW-12	UA	E006	Beryllium, total	mg/L	12/15/15 - 08/20/24	31	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-12	UA	E006	Boron, total	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	2.72	2	Standard	Exceedance
MW-12	UA	E006	Cadmium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-12	UA	E006	Chloride, total	mg/L	12/15/15 - 08/20/24	33	0	CB around linear reg	20.2	200	Standard	No Exceedance
MW-12	UA	E006	Chromium, total	mg/L	12/15/15 - 08/20/24	33	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-12	UA	E006	Cobalt, total	mg/L	12/15/15 - 08/20/24	33	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-12	UA	E006	Fluoride, total	mg/L	12/15/15 - 08/20/24	33	3	CI around median	0.18	4.0	Standard	No Exceedance
MW-12	UA	E006	Lead, total	mg/L	12/15/15 - 08/20/24	33	97	CI around median	0.001	0.0075	Standard	No Exceedance
MW-12	UA	E006	Lithium, total	mg/L	12/15/15 - 08/20/24	25	0	CI around mean	0.00855	0.04	Standard	No Exceedance
MW-12	UA	E006	Mercury, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-12	UA	E006	Molybdenum, total	mg/L	12/15/15 - 08/20/24	25	84	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-12	UA	E006	pH (field)	SU	12/15/15 - 08/20/24	33	0	CB around linear reg	6.4/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-12	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 08/20/24	34	0	CI around median	0.45	5	Standard	No Exceedance
MW-12	UA	E006	Selenium, total	mg/L	12/15/15 - 08/20/24	33	97	CI around median	0.001	0.05	Standard	No Exceedance
MW-12	UA	E006	Sulfate, total	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	363	400	Standard	No Exceedance
MW-12	UA	E006	Thallium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-12	UA	E006	Total Dissolved Solids	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	1,080	1,200	Standard	No Exceedance
MW-20	UA	E006	Antimony, total	mg/L	02/26/21 - 08/21/24	15	93	CI around median	0.001	0.006	Standard	No Exceedance
MW-20	UA	E006	Arsenic, total	mg/L	02/26/21 - 08/21/24	15	53	CI around median	0.001	0.010	Standard	No Exceedance
MW-20	UA	E006	Barium, total	mg/L	02/26/21 - 08/21/24	15	0	CB around linear reg	0.0661	2.0	Standard	No Exceedance
MW-20	UA	E006	Beryllium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-20	UA	E006	Boron, total	mg/L	02/26/21 - 08/21/24	15	0	CB around linear reg	0.602	2	Standard	No Exceedance
MW-20	UA	E006	Cadmium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-20	UA	E006	Chloride, total	mg/L	02/26/21 - 08/21/24	15	0	CB around linear reg	18.6	200	Standard	No Exceedance
MW-20	UA	E006	Chromium, total	mg/L	02/26/21 - 08/21/24	15	87	CI around median	0.0015	0.1	Standard	No Exceedance
MW-20	UA	E006	Cobalt, total	mg/L	02/26/21 - 08/21/24	15	93	CI around median	0.001	0.006	Standard	No Exceedance

TABLE 2.
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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-20	UA	E006	Fluoride, total	mg/L	02/26/21 - 08/21/24	15	7	CB around linear reg	0.276	4.0	Standard	No Exceedance
MW-20	UA	E006	Lead, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-20	UA	E006	Lithium, total	mg/L	02/26/21 - 08/21/24	15	0	CB around linear reg	-0.00312	0.04	Standard	No Exceedance
MW-20	UA	E006	Mercury, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-20	UA	E006	Molybdenum, total	mg/L	02/26/21 - 08/21/24	15	7	CB around linear reg	-0.000219	0.1	Standard	No Exceedance
MW-20	UA	E006	pH (field)	SU	02/26/21 - 08/21/24	15	0	CI around mean	6.8/7.0	5.6/9.0	Background/Standard	No Exceedance
MW-20	UA	E006	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 08/21/24	15	0	CI around mean	0.284	5	Standard	No Exceedance
MW-20	UA	E006	Selenium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-20	UA	E006	Sulfate, total	mg/L	02/26/21 - 08/21/24	15	0	CB around linear reg	145	400	Standard	No Exceedance
MW-20	UA	E006	Thallium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-20	UA	E006	Total Dissolved Solids	mg/L	02/26/21 - 08/21/24	14	0	CB around linear reg	658	1,200	Standard	No Exceedance
MW-20S	USCU	E006	Antimony, total	mg/L	02/26/21 - 08/20/24	15	93	CI around median	0.001	0.006	Standard	No Exceedance
MW-20S	USCU	E006	Arsenic, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-20S	USCU	E006	Barium, total	mg/L	02/26/21 - 08/20/24	15	7	CI around median	0.0346	2.0	Standard	No Exceedance
MW-20S	USCU	E006	Beryllium, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-20S	USCU	E006	Boron, total	mg/L	02/26/21 - 08/20/24	15	0	CB around linear reg	1.37	2	Standard	No Exceedance
MW-20S	USCU	E006	Cadmium, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-20S	USCU	E006	Chloride, total	mg/L	02/26/21 - 08/20/24	15	0	CI around mean	17.7	200	Standard	No Exceedance
MW-20S	USCU	E006	Chromium, total	mg/L	02/26/21 - 08/20/24	15	93	CI around median	0.0015	0.1	Standard	No Exceedance
MW-20S	USCU	E006	Cobalt, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-20S	USCU	E006	Fluoride, total	mg/L	02/26/21 - 08/20/24	15	7	CI around mean	0.177	4.0	Standard	No Exceedance
MW-20S	USCU	E006	Lead, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-20S	USCU	E006	Lithium, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.003	0.04	Standard	No Exceedance
MW-20S	USCU	E006	Mercury, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-20S	USCU	E006	Molybdenum, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-20S	USCU	E006	pH (field)	SU	02/26/21 - 08/20/24	15	0	CI around mean	6.5/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-20S	USCU	E006	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 08/20/24	15	0	CI around mean	0.179	5	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
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	E006	Selenium, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-20S	USCU	E006	Sulfate, total	mg/L	02/26/21 - 08/20/24	15	0	CB around linear reg	328	400	Standard	No Exceedance
MW-20S	USCU	E006	Thallium, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-20S	USCU	E006	Total Dissolved Solids	mg/L	02/26/21 - 08/20/24	14	0	CB around linear reg	961	1,200	Standard	No Exceedance
MW-23	UA	E006	Antimony, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-23	UA	E006	Arsenic, total	mg/L	02/26/21 - 08/21/24	15	40	CB around T-S line	0.001	0.010	Standard	No Exceedance
MW-23	UA	E006	Barium, total	mg/L	02/26/21 - 08/21/24	15	0	CI around mean	0.0855	2.0	Standard	No Exceedance
MW-23	UA	E006	Beryllium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-23	UA	E006	Boron, total	mg/L	02/26/21 - 08/21/24	15	0	CI around median	1.95	2	Standard	No Exceedance
MW-23	UA	E006	Cadmium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-23	UA	E006	Chloride, total	mg/L	02/26/21 - 08/21/24	15	0	CB around linear reg	23.8	200	Standard	No Exceedance
MW-23	UA	E006	Chromium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-23	UA	E006	Cobalt, total	mg/L	02/26/21 - 08/21/24	15	40	CI around median	0.001	0.006	Standard	No Exceedance
MW-23	UA	E006	Fluoride, total	mg/L	02/26/21 - 08/21/24	15	7	CI around mean	0.328	4.0	Standard	No Exceedance
MW-23	UA	E006	Lead, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-23	UA	E006	Lithium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.003	0.04	Standard	No Exceedance
MW-23	UA	E006	Mercury, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-23	UA	E006	Molybdenum, total	mg/L	02/26/21 - 08/21/24	15	93	CI around median	0.0015	0.1	Standard	No Exceedance
MW-23	UA	E006	pH (field)	SU	02/26/21 - 08/21/24	15	0	CI around mean	6.6/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-23	UA	E006	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 08/21/24	15	0	CI around mean	0.263	5	Standard	No Exceedance
MW-23	UA	E006	Selenium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-23	UA	E006	Sulfate, total	mg/L	02/26/21 - 08/21/24	15	0	CI around mean	42.1	400	Standard	No Exceedance
MW-23	UA	E006	Thallium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-23	UA	E006	Total Dissolved Solids	mg/L	02/26/21 - 08/21/24	14	0	CI around mean	585	1,200	Standard	No Exceedance
MW-27	USCU	E006	Antimony, total	mg/L	02/24/21 - 08/21/24	12	83	CI around median	0.001	0.006	Standard	No Exceedance
MW-27	USCU	E006	Arsenic, total	mg/L	02/24/21 - 08/21/24	12	0	CI around geomean	0.00376	0.010	Standard	No Exceedance
MW-27	USCU	E006	Barium, total	mg/L	02/24/21 - 08/21/24	12	0	CI around geomean	0.0895	2.0	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
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	E006	Beryllium, total	mg/L	02/24/21 - 08/21/24	12	75	CI around median	0.001	0.004	Standard	No Exceedance
MW-27	USCU	E006	Boron, total	mg/L	02/24/21 - 08/21/24	12	0	CI around mean	0.944	2	Standard	No Exceedance
MW-27	USCU	E006	Cadmium, total	mg/L	02/24/21 - 08/21/24	12	92	CI around median	0.001	0.005	Standard	No Exceedance
MW-27	USCU	E006	Chloride, total	mg/L	02/24/21 - 08/21/24	12	0	CI around mean	13	200	Standard	No Exceedance
MW-27	USCU	E006	Chromium, total	mg/L	02/24/21 - 08/21/24	12	8	CI around geomean	0.00346	0.1	Standard	No Exceedance
MW-27	USCU	E006	Cobalt, total	mg/L	02/24/21 - 08/21/24	12	0	CI around geomean	0.0025	0.006	Standard	No Exceedance
MW-27	USCU	E006	Fluoride, total	mg/L	02/24/21 - 08/21/24	12	8	CI around median	0.17	4.0	Standard	No Exceedance
MW-27	USCU	E006	Lead, total	mg/L	02/24/21 - 08/21/24	12	8	CI around geomean	0.00161	0.0075	Standard	No Exceedance
MW-27	USCU	E006	Lithium, total	mg/L	02/24/21 - 08/21/24	12	25	CI around geomean	0.00358	0.04	Standard	No Exceedance
MW-27	USCU	E006	Mercury, total	mg/L	02/24/21 - 08/21/24	12	83	CI around median	0.0002	0.002	Standard	No Exceedance
MW-27	USCU	E006	Molybdenum, total	mg/L	02/24/21 - 08/21/24	12	17	CI around geomean	0.00227	0.1	Standard	No Exceedance
MW-27	USCU	E006	pH (field)	SU	02/24/21 - 08/21/24	13	0	CI around mean	6.6/6.9	5.6/9.0	Background/Standard	No Exceedance
MW-27	USCU	E006	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 08/21/24	12	0	CI around geomean	0.461	5	Standard	No Exceedance
MW-27	USCU	E006	Selenium, total	mg/L	02/24/21 - 08/21/24	12	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-27	USCU	E006	Sulfate, total	mg/L	02/24/21 - 08/21/24	12	0	CB around linear reg	301	400	Standard	No Exceedance
MW-27	USCU	E006	Thallium, total	mg/L	02/24/21 - 08/21/24	12	92	CI around median	0.002	0.002	Standard	No Exceedance
MW-27	USCU	E006	Total Dissolved Solids	mg/L	02/24/21 - 08/21/24	11	0	CI around mean	769	1,200	Standard	No Exceedance
MW-28	UA	E006	Antimony, total	mg/L	02/24/21 - 08/20/24	15	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-28	UA	E006	Arsenic, total	mg/L	02/24/21 - 08/20/24	15	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-28	UA	E006	Barium, total	mg/L	02/24/21 - 08/20/24	15	0	CI around mean	0.0228	2.0	Standard	No Exceedance
MW-28	UA	E006	Beryllium, total	mg/L	02/24/21 - 08/20/24	15	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-28	UA	E006	Boron, total	mg/L	02/24/21 - 08/20/24	15	0	CI around mean	8.73	2	Standard	Exceedance
MW-28	UA	E006	Cadmium, total	mg/L	02/24/21 - 08/20/24	15	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-28	UA	E006	Chloride, total	mg/L	02/24/21 - 08/20/24	15	0	CI around mean	12.1	200	Standard	No Exceedance
MW-28	UA	E006	Chromium, total	mg/L	02/24/21 - 08/20/24	15	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-28	UA	E006	Cobalt, total	mg/L	02/24/21 - 08/20/24	15	87	CI around median	0.001	0.006	Standard	No Exceedance
MW-28	UA	E006	Fluoride, total	mg/L	02/24/21 - 08/20/24	15	7	CI around median	0.13	4.0	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
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	E006	Lead, total	mg/L	02/24/21 - 08/20/24	15	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-28	UA	E006	Lithium, total	mg/L	02/24/21 - 08/20/24	15	0	CI around mean	0.00616	0.04	Standard	No Exceedance
MW-28	UA	E006	Mercury, total	mg/L	02/24/21 - 08/20/24	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-28	UA	E006	Molybdenum, total	mg/L	02/24/21 - 08/20/24	15	93	CI around median	0.0015	0.1	Standard	No Exceedance
MW-28	UA	E006	pH (field)	SU	02/24/21 - 08/20/24	15	0	CI around mean	6.6/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-28	UA	E006	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 08/20/24	15	0	CB around linear reg	0.336	5	Standard	No Exceedance
MW-28	UA	E006	Selenium, total	mg/L	02/24/21 - 08/20/24	15	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-28	UA	E006	Sulfate, total	mg/L	02/24/21 - 08/20/24	15	0	CI around mean	827	400	Standard	Exceedance
MW-28	UA	E006	Thallium, total	mg/L	02/24/21 - 08/20/24	15	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-28	UA	E006	Total Dissolved Solids	mg/L	02/24/21 - 08/20/24	14	0	CI around mean	1,650	1,200	Standard	Exceedance
MW-30	UA	E006	Antimony, total	mg/L	02/25/21 - 08/20/24	15	93	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-30	UA	E006	Arsenic, total	mg/L	02/25/21 - 08/20/24	15	7	CB around linear reg	0.00561	0.010	Standard	No Exceedance
MW-30	UA	E006	Barium, total	mg/L	02/25/21 - 08/20/24	15	0	CI around mean	0.154	2.0	Standard	No Exceedance
MW-30	UA	E006	Beryllium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-30	UA	E006	Boron, total	mg/L	02/25/21 - 08/20/24	15	0	CI around median	1.09	2	Standard	No Exceedance
MW-30	UA	E006	Cadmium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-30	UA	E006	Chloride, total	mg/L	02/25/21 - 08/20/24	15	0	CB around linear reg	36.9	200	Standard	No Exceedance
MW-30	UA	E006	Chromium, total	mg/L	02/25/21 - 08/20/24	15	80	CI around median	0.0015	0.1	Standard	No Exceedance
MW-30	UA	E006	Cobalt, total	mg/L	02/25/21 - 08/20/24	15	0	CI around mean	0.00202	0.006	Standard	No Exceedance
MW-30	UA	E006	Fluoride, total	mg/L	02/25/21 - 08/20/24	15	7	CB around T-S line	0.26	4.0	Standard	No Exceedance
MW-30	UA	E006	Lead, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-30	UA	E006	Lithium, total	mg/L	02/25/21 - 08/20/24	15	87	CB around T-S line	-0.000404	0.04	Standard	No Exceedance
MW-30	UA	E006	Mercury, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-30	UA	E006	Molybdenum, total	mg/L	02/25/21 - 08/20/24	15	33	CI around median	0.0015	0.1	Standard	No Exceedance
MW-30	UA	E006	pH (field)	SU	02/25/21 - 08/20/24	15	0	CB around linear reg	6.5/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-30	UA	E006	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 08/20/24	15	0	CI around geomean	0.591	5	Standard	No Exceedance
MW-30	UA	E006	Selenium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.001	0.05	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
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	E006	Sulfate, total	mg/L	02/25/21 - 08/20/24	15	47	CB around linear reg	-23.5	400	Standard	No Exceedance
MW-30	UA	E006	Thallium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-30	UA	E006	Total Dissolved Solids	mg/L	02/25/21 - 08/20/24	14	0	CB around T-S line	446	1,200	Standard	No Exceedance
MW-31	UA	E006	Antimony, total	mg/L	02/24/21 - 08/21/24	15	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-31	UA	E006	Arsenic, total	mg/L	02/24/21 - 08/21/24	15	7	CI around mean	0.00248	0.010	Standard	No Exceedance
MW-31	UA	E006	Barium, total	mg/L	02/24/21 - 08/21/24	15	0	CI around mean	0.213	2.0	Standard	No Exceedance
MW-31	UA	E006	Beryllium, total	mg/L	02/24/21 - 08/21/24	15	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-31	UA	E006	Boron, total	mg/L	02/24/21 - 08/21/24	15	0	CI around mean	0.238	2	Standard	No Exceedance
MW-31	UA	E006	Cadmium, total	mg/L	02/24/21 - 08/21/24	15	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-31	UA	E006	Chloride, total	mg/L	02/24/21 - 08/21/24	15	0	CI around mean	45.5	200	Standard	No Exceedance
MW-31	UA	E006	Chromium, total	mg/L	02/24/21 - 08/21/24	15	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-31	UA	E006	Cobalt, total	mg/L	02/24/21 - 08/21/24	15	73	CI around median	0.001	0.006	Standard	No Exceedance
MW-31	UA	E006	Fluoride, total	mg/L	02/24/21 - 08/21/24	15	7	CI around median	0.17	4.0	Standard	No Exceedance
MW-31	UA	E006	Lead, total	mg/L	02/24/21 - 08/21/24	15	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-31	UA	E006	Lithium, total	mg/L	02/24/21 - 08/21/24	15	0	CI around mean	0.00455	0.04	Standard	No Exceedance
MW-31	UA	E006	Mercury, total	mg/L	02/24/21 - 08/21/24	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-31	UA	E006	Molybdenum, total	mg/L	02/24/21 - 08/21/24	15	60	CB around T-S line	-0.00475	0.1	Standard	No Exceedance
MW-31	UA	E006	pH (field)	SU	02/24/21 - 08/21/24	15	0	CI around mean	6.5/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-31	UA	E006	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 08/21/24	15	0	CI around mean	0.6	5	Standard	No Exceedance
MW-31	UA	E006	Selenium, total	mg/L	02/24/21 - 08/21/24	15	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-31	UA	E006	Sulfate, total	mg/L	02/24/21 - 08/21/24	15	100	All ND - Last	10	400	Standard	No Exceedance
MW-31	UA	E006	Thallium, total	mg/L	02/24/21 - 08/21/24	15	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-31	UA	E006	Total Dissolved Solids	mg/L	02/24/21 - 08/21/24	14	0	CI around mean	568	1,200	Standard	No Exceedance
MW-31S	USCU	E006	Antimony, total	mg/L	02/24/21 - 08/21/24	14	86	CI around median	0.001	0.006	Standard	No Exceedance
MW-31S	USCU	E006	Arsenic, total	mg/L	02/24/21 - 08/21/24	14	0	CI around mean	0.00654	0.010	Standard	No Exceedance
MW-31S	USCU	E006	Barium, total	mg/L	02/24/21 - 08/21/24	14	0	CI around geomean	0.211	2.0	Standard	No Exceedance
MW-31S	USCU	E006	Beryllium, total	mg/L	02/24/21 - 08/21/24	14	93	CI around median	0.001	0.004	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
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	E006	Boron, total	mg/L	02/24/21 - 08/21/24	14	7	CI around geomean	0.0341	2	Standard	No Exceedance
MW-31S	USCU	E006	Cadmium, total	mg/L	02/24/21 - 08/21/24	14	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-31S	USCU	E006	Chloride, total	mg/L	02/24/21 - 08/21/24	13	0	CI around median	15	200	Standard	No Exceedance
MW-31S	USCU	E006	Chromium, total	mg/L	02/24/21 - 08/21/24	14	57	CI around median	0.0015	0.1	Standard	No Exceedance
MW-31S	USCU	E006	Cobalt, total	mg/L	02/24/21 - 08/21/24	14	0	CI around geomean	0.00238	0.006	Standard	No Exceedance
MW-31S	USCU	E006	Fluoride, total	mg/L	02/24/21 - 08/21/24	13	8	CI around mean	0.22	4.0	Standard	No Exceedance
MW-31S	USCU	E006	Lead, total	mg/L	02/24/21 - 08/21/24	14	43	CI around median	0.001	0.0075	Standard	No Exceedance
MW-31S	USCU	E006	Lithium, total	mg/L	02/24/21 - 08/21/24	14	57	CI around median	0.003	0.04	Standard	No Exceedance
MW-31S	USCU	E006	Mercury, total	mg/L	02/24/21 - 08/21/24	14	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-31S	USCU	E006	Molybdenum, total	mg/L	02/24/21 - 08/21/24	14	43	CB around linear reg	-0.000667	0.1	Standard	No Exceedance
MW-31S	USCU	E006	pH (field)	SU	02/24/21 - 08/21/24	15	0	CI around mean	6.5/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-31S	USCU	E006	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 08/21/24	13	0	CI around mean	0.919	5	Standard	No Exceedance
MW-31S	USCU	E006	Selenium, total	mg/L	02/24/21 - 08/21/24	14	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-31S	USCU	E006	Sulfate, total	mg/L	02/24/21 - 08/21/24	13	23	CB around linear reg	-77.9	400	Standard	No Exceedance
MW-31S	USCU	E006	Thallium, total	mg/L	02/24/21 - 08/21/24	14	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-31S	USCU	E006	Total Dissolved Solids	mg/L	02/24/21 - 08/21/24	12	0	CB around linear reg	577	1,200	Standard	No Exceedance
MW-32	UA	E006	Antimony, total	mg/L	02/25/21 - 08/20/24	15	93	CI around median	0.001	0.006	Standard	No Exceedance
MW-32	UA	E006	Arsenic, total	mg/L	02/25/21 - 08/20/24	15	93	CI around median	0.001	0.010	Standard	No Exceedance
MW-32	UA	E006	Barium, total	mg/L	02/25/21 - 08/20/24	15	0	CB around linear reg	0.0273	2.0	Standard	No Exceedance
MW-32	UA	E006	Beryllium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-32	UA	E006	Boron, total	mg/L	02/25/21 - 08/20/24	15	0	CI around mean	1.53	2	Standard	No Exceedance
MW-32	UA	E006	Cadmium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-32	UA	E006	Chloride, total	mg/L	02/25/21 - 08/20/24	15	0	CB around linear reg	9.25	200	Standard	No Exceedance
MW-32	UA	E006	Chromium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-32	UA	E006	Cobalt, total	mg/L	02/25/21 - 08/20/24	15	80	CI around median	0.001	0.006	Standard	No Exceedance
MW-32	UA	E006	Fluoride, total	mg/L	02/25/21 - 08/20/24	15	7	CI around median	0.17	4.0	Standard	No Exceedance
MW-32	UA	E006	Lead, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.001	0.0075	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
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	E006	Lithium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.003	0.04	Standard	No Exceedance
MW-32	UA	E006	Mercury, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-32	UA	E006	Molybdenum, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-32	UA	E006	pH (field)	SU	02/25/21 - 08/20/24	15	0	CI around mean	6.3/6.5	5.6/9.0	Background/Standard	No Exceedance
MW-32	UA	E006	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 08/20/24	15	0	CI around median	0.149	5	Standard	No Exceedance
MW-32	UA	E006	Selenium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-32	UA	E006	Sulfate, total	mg/L	02/25/21 - 08/20/24	15	0	CB around linear reg	307	400	Standard	No Exceedance
MW-32	UA	E006	Thallium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-32	UA	E006	Total Dissolved Solids	mg/L	02/25/21 - 08/20/24	14	0	CB around linear reg	987	1,200	Standard	No Exceedance
PZ-4C	UA	E006	Antimony, total	mg/L	02/25/21 - 08/21/24	14	86	CI around median	0.001	0.006	Standard	No Exceedance
PZ-4C	UA	E006	Arsenic, total	mg/L	02/25/21 - 08/21/24	14	36	CI around median	0.001	0.010	Standard	No Exceedance
PZ-4C	UA	E006	Barium, total	mg/L	02/25/21 - 08/21/24	14	0	CI around median	0.25	2.0	Standard	No Exceedance
PZ-4C	UA	E006	Beryllium, total	mg/L	02/25/21 - 08/21/24	14	93	CI around median	0.001	0.004	Standard	No Exceedance
PZ-4C	UA	E006	Boron, total	mg/L	02/25/21 - 08/21/24	14	0	CI around mean	1.38	2	Standard	No Exceedance
PZ-4C	UA	E006	Cadmium, total	mg/L	02/25/21 - 08/21/24	14	93	CI around median	0.001	0.005	Standard	No Exceedance
PZ-4C	UA	E006	Chloride, total	mg/L	02/25/21 - 08/21/24	14	0	CB around linear reg	30.5	200	Standard	No Exceedance
PZ-4C	UA	E006	Chromium, total	mg/L	02/25/21 - 08/21/24	14	36	CI around median	0.0015	0.1	Standard	No Exceedance
PZ-4C	UA	E006	Cobalt, total	mg/L	02/25/21 - 08/21/24	14	71	CI around median	0.001	0.006	Standard	No Exceedance
PZ-4C	UA	E006	Fluoride, total	mg/L	02/25/21 - 08/21/24	14	7	CI around median	0.38	4.0	Standard	No Exceedance
PZ-4C	UA	E006	Lead, total	mg/L	02/25/21 - 08/21/24	14	57	CI around median	0.001	0.0075	Standard	No Exceedance
PZ-4C	UA	E006	Lithium, total	mg/L	02/25/21 - 08/21/24	14	0	CI around median	0.0068	0.04	Standard	No Exceedance
PZ-4C	UA	E006	Mercury, total	mg/L	02/25/21 - 08/21/24	14	93	CI around median	0.0002	0.002	Standard	No Exceedance
PZ-4C	UA	E006	Molybdenum, total	mg/L	02/25/21 - 08/21/24	14	79	CI around median	0.0015	0.1	Standard	No Exceedance
PZ-4C	UA	E006	pH (field)	SU	02/25/21 - 08/21/24	14	0	CI around mean	6.7/7.0	5.6/9.0	Background/Standard	No Exceedance
PZ-4C	UA	E006	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 08/21/24	14	0	CI around geomean	0.597	5	Standard	No Exceedance
PZ-4C	UA	E006	Selenium, total	mg/L	02/25/21 - 08/21/24	14	100	All ND - Last	0.001	0.05	Standard	No Exceedance
PZ-4C	UA	E006	Sulfate, total	mg/L	02/25/21 - 08/21/24	14	0	CI around median	65.3	400	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2024
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	E006	Thallium, total	mg/L	02/25/21 - 08/21/24	14	100	All ND - Last	0.002	0.002	Standard	No Exceedance
PZ-4C	UA	E006	Total Dissolved Solids	mg/L	02/25/21 - 08/21/24	13	0	CI around mean	544	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.

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

USCU = Upper Semi-Confining Unit

mg/L = milligrams per liter

Missing Code (if applicable):

NR¹ = Select parameters were not analyzed.

NS¹ = This 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 = A sample was not collected because the location was inaccessible.

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

NS⁵ = A sample was not collected because of damage to the well.

NS⁶ = A sample was not collected because of pump issues.

NS⁷ = A sample was not collected because the well was either dry or was purged dry and did not recover.

NS⁸ = A sample was not collected.

PM¹ = Select parameters were not analyzed as the well purged dry during sample collection and did not sufficiently recover to sample for all parameters.

ND = non-detect

pCi/L = picocuries per liter

SU = standard units

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

Statistical Calculation = method used to calculate the statistical result:

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

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

CB around linear reg = Confidence band around linear regression

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

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

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

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

GWPS = Groundwater Protection Standard

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 3, 2024**

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 3, 2024
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	08/19/2024	16.02	588.91
MW-2	Background	08/19/2024	7.49	593.66
MW-3	Compliance	08/19/2024	8.67	592.82
MW-5	Compliance	08/19/2024	27.95	591.57
MW-6	Compliance	08/19/2024	11.50	588.91
MW-7	Compliance	08/19/2024	10.09	587.59
MW-7S	Compliance	08/19/2024	10.46	587.09
MW-8	Compliance	08/19/2024	9.24	593.98
MW-8S	Compliance	08/19/2024	9.43	593.98
MW-11	Compliance	08/19/2024	11.88	590.04
MW-12	Compliance	08/19/2024	7.14	584.34
MW-20	Compliance	08/19/2024	9.71	591.15
MW-20S	Compliance	08/19/2024	9.61	591.22
MW-23	Compliance	08/19/2024	16.57	593.86
MW-27	Compliance	08/19/2024	16.35	583.63
MW-28	Compliance	08/19/2024	7.85	593.64
MW-30	Compliance	08/19/2024	25.22	593.34
MW-31	Compliance	08/19/2024	31.97	585.50
MW-31S	Compliance	08/19/2024	22.02	595.61
MW-32	Compliance	08/19/2024	25.10	594.43
PZ-4C	Compliance	08/19/2024	9.03	591.77
XSG-01	Water Level	08/19/2024	5.12	603.21
SG-02	Water Level	08/19/2024	19.68	584.48

Notes:
BMP = below measuring point
Missing 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 was not measured due to malfunctioning pressure transducer.
NAVD88 = North American Vertical Datum of 1988

**ATTACHMENT B
LABORATORY REPORTS AND FIELD DATA SHEETS
QUARTER 3, 2024**

September 09, 2024

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-24Q3

WorkOrder: 24080169

Dear Eric Bauer:

TEKLAB, INC received 33 samples on 8/21/2024 2:40:00 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: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	65
Quality Control Results	66
Receiving Check List	102
Chain of Custody	Appended

Definitions

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

Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

Cooler Receipt Temp: 19.1 °C

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

MW-08S could not be collected; the well was dry.

XSG-01 collection date/time per SAR-4. PZ-4C and SG-02 collection date/time per field file. EAH 8/26/24

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: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	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	12/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-001
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-01
Collection Date: 08/19/2024 10:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		16.24	ft	1	08/19/2024 10:26	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		8.1	NTU	1	08/19/2024 10:26	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		144	mV	1	08/19/2024 10:26	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		558	µS/cm	1	08/19/2024 10:26	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.8	°C	1	08/19/2024 10:26	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.60	mg/L	1	08/19/2024 10:26	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.13		1	08/19/2024 10:26	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		176	mg/L	1	08/21/2024 10:53	R352114
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/21/2024 10:53	R352114
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		344	mg/L	1	08/20/2024 8:33	R352109
STANDARD METHODS 4500-NO₃ F (TOTAL) 2000, 2011									
Nitrogen, Nitrate (as N)	NELAP	0.009	0.050	J	0.042	mg/L	1	08/20/2024 14:51	R352067
SW-846 9012A (TOTAL)									
Cyanide	NELAP	0.001	0.005		< 0.005	mg/L	1	08/22/2024 13:36	227393
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.12	mg/L	10	08/20/2024 8:51	R351979
Chloride	*	1.00	5.00		14.1	mg/L	10	08/20/2024 8:51	R351979
Sulfate	*	0.33	10.0		87.8	mg/L	10	08/20/2024 8:51	R351979
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		63.3	mg/L	1	08/21/2024 17:59	227380
Magnesium	NELAP	0.0055	0.0500		29.4	mg/L	1	08/21/2024 17:59	227380
Potassium	NELAP	0.0400	0.100		0.403	mg/L	1	08/21/2024 17:59	227380
Sodium	NELAP	0.0180	0.0500		17.9	mg/L	1	08/21/2024 17:59	227380
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		< 0.0250	mg/L	5	09/03/2024 14:59	227396
Manganese	NELAP	0.0008	0.0020		0.476	mg/L	5	08/30/2024 11:51	227396
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0008	mg/L	5	08/22/2024 9:29	227380
Arsenic	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	08/22/2024 9:29	227380
Barium	NELAP	0.0007	0.0010		0.0661	mg/L	5	08/22/2024 9:29	227380
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 9:29	227380
Boron	NELAP	0.0092	0.0250		0.292	mg/L	5	08/22/2024 9:29	227380
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 9:29	227380
Chromium	NELAP	0.0007	0.0015	J	0.0009	mg/L	5	08/22/2024 9:29	227380
Cobalt	*	0.0001	0.0010	J	0.0006	mg/L	5	08/22/2024 9:29	227380
Copper	NELAP	0.0008	0.0010		0.0012	mg/L	5	08/22/2024 9:29	227380



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-001
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24

Client Sample ID: MW-01

Collection Date: 08/19/2024 10:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Iron	NELAP	0.0115	0.0250		0.272	mg/L	5	08/22/2024 9:29	227380
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 9:29	227380
Lithium	*	0.0015	0.0030	J	0.0019	mg/L	5	08/22/2024 9:29	227380
Manganese	NELAP	0.0008	0.0020		1.83	mg/L	5	08/22/2024 9:29	227380
Molybdenum	NELAP	0.0006	0.0015	J	0.0007	mg/L	5	08/22/2024 9:29	227380
Nickel	NELAP	0.0004	0.0010		0.0034	mg/L	5	08/22/2024 9:29	227380
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 9:29	227380
Silver	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 13:58	227380
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/22/2024 9:29	227380
Vanadium	NELAP	0.0028	0.0050		< 0.0050	mg/L	5	08/22/2024 9:29	227380
Zinc	NELAP	0.0059	0.015	J	0.010	mg/L	5	08/22/2024 9:29	227380
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/20/2024 14:11	227374



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-002
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-02
Collection Date: 08/19/2024 10:29

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		17.49	ft	1	08/19/2024 10:29	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		200	NTU	1	08/19/2024 10:29	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		84	mV	1	08/19/2024 10:29	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		750	µS/cm	1	08/19/2024 10:29	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		21.1	°C	1	08/19/2024 10:29	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		4.10	mg/L	1	08/19/2024 10:29	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		7.06		1	08/19/2024 10:29	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		270	mg/L	1	08/21/2024 10:39	R352114
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/21/2024 10:39	R352114
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		518	mg/L	1	08/20/2024 8:34	R352109
STANDARD METHODS 4500-NO₃ F (TOTAL) 2000, 2011									
Nitrogen, Nitrate (as N)	NELAP	0.009	0.050		0.316	mg/L	1	08/20/2024 14:53	R352067
SW-846 9012A (TOTAL)									
Cyanide	NELAP	0.001	0.005	J	0.002	mg/L	1	08/22/2024 13:41	227393
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.38	mg/L	10	08/20/2024 9:26	R351979
Chloride	*	1.00	5.00		15.6	mg/L	10	08/20/2024 9:26	R351979
Sulfate	*	0.33	10.0		140	mg/L	10	08/20/2024 9:26	R351979
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		108	mg/L	1	08/21/2024 18:00	227380
Magnesium	NELAP	0.0055	0.0500		37.5	mg/L	1	08/21/2024 18:00	227380
Potassium	NELAP	0.0400	0.100		2.20	mg/L	1	08/21/2024 18:00	227380
Sodium	NELAP	0.0180	0.0500		25.4	mg/L	1	08/21/2024 18:00	227380
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		0.194	mg/L	5	09/03/2024 15:05	227396
Manganese	NELAP	0.0008	0.0020		0.213	mg/L	5	08/30/2024 11:57	227396
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		0.0013	mg/L	5	08/22/2024 9:59	227380
Arsenic	NELAP	0.0004	0.0010		0.0020	mg/L	5	08/23/2024 14:50	227380
Barium	NELAP	0.0007	0.0010		0.132	mg/L	5	08/22/2024 9:59	227380
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 9:59	227380
Boron	NELAP	0.0092	0.0250		0.0523	mg/L	5	08/22/2024 9:59	227380
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 9:59	227380
Chromium	NELAP	0.0007	0.0015		0.0049	mg/L	5	08/23/2024 14:50	227380
Cobalt	*	0.0001	0.0010		0.0015	mg/L	5	08/22/2024 9:59	227380
Copper	NELAP	0.0008	0.0010		0.0034	mg/L	5	08/22/2024 9:59	227380



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-002
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-02
Collection Date: 08/19/2024 10:29

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Iron	NELAP	0.0115	0.0250		3.63	mg/L	5	08/22/2024 9:59	227380
Lead	NELAP	0.0006	0.0010		0.0014	mg/L	5	08/22/2024 9:59	227380
Lithium	*	0.0015	0.0030		0.0080	mg/L	5	08/22/2024 9:59	227380
Manganese	NELAP	0.0008	0.0020		0.384	mg/L	5	08/22/2024 9:59	227380
Molybdenum	NELAP	0.0006	0.0015		0.0058	mg/L	5	08/23/2024 14:50	227380
Nickel	NELAP	0.0004	0.0010		0.0041	mg/L	5	08/22/2024 9:59	227380
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 9:59	227380
Silver	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 14:50	227380
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/22/2024 9:59	227380
Vanadium	NELAP	0.0028	0.0050		0.0065	mg/L	5	08/22/2024 9:59	227380
Zinc	NELAP	0.0059	0.015	J	0.0074	mg/L	5	08/22/2024 9:59	227380
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/20/2024 14:13	227374



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-003
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-03
Collection Date: 08/19/2024 11:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		8.70	ft	1	08/19/2024 11:32	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.4	NTU	1	08/19/2024 11:32	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		89	mV	1	08/19/2024 11:32	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		892	µS/cm	1	08/19/2024 11:32	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.2	°C	1	08/19/2024 11:32	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		3.57	mg/L	1	08/19/2024 11:32	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.69		1	08/19/2024 11:32	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		344	mg/L	1	08/21/2024 10:32	R352114
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/21/2024 10:32	R352114
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		584	mg/L	1	08/20/2024 8:56	R352109
STANDARD METHODS 4500-NO₃ F (TOTAL) 2000, 2011									
Nitrogen, Nitrate (as N)	NELAP	0.009	0.050	J	0.024	mg/L	1	08/20/2024 14:55	R352067
SW-846 9012A (TOTAL)									
Cyanide	NELAP	0.001	0.005		< 0.005	mg/L	1	08/22/2024 13:45	227393
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.15	mg/L	10	08/20/2024 9:38	R351979
Chloride	*	1.00	5.00		28.8	mg/L	10	08/20/2024 9:38	R351979
Sulfate	*	0.33	10.0		126	mg/L	10	08/20/2024 9:38	R351979
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		101	mg/L	1	08/21/2024 18:15	227380
Magnesium	NELAP	0.0055	0.0500		51.0	mg/L	1	08/21/2024 18:15	227380
Potassium	NELAP	0.0400	0.100		0.231	mg/L	1	08/21/2024 18:15	227380
Sodium	NELAP	0.0180	0.0500		45.6	mg/L	1	08/21/2024 18:15	227380
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		< 0.0250	mg/L	5	09/03/2024 15:11	227396
Manganese	NELAP	0.0008	0.0020		0.0474	mg/L	5	08/30/2024 12:03	227396
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0006	mg/L	5	08/22/2024 10:04	227380
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/22/2024 10:04	227380
Barium	NELAP	0.0007	0.0010		0.0436	mg/L	5	08/22/2024 10:04	227380
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 10:04	227380
Boron	NELAP	0.0092	0.0250		1.55	mg/L	5	08/22/2024 10:04	227380
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 10:04	227380
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/22/2024 10:04	227380
Cobalt	*	0.0001	0.0010	J	0.0001	mg/L	5	08/22/2024 10:04	227380
Copper	NELAP	0.0008	0.0010		< 0.0010	mg/L	5	08/22/2024 10:04	227380



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-003
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-03
Collection Date: 08/19/2024 11:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Iron	NELAP	0.0115	0.0250		0.0330	mg/L	5	08/22/2024 10:04	227380
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 10:04	227380
Lithium	*	0.0015	0.0030	J	0.0021	mg/L	5	08/22/2024 10:04	227380
Manganese	NELAP	0.0008	0.0020		0.0665	mg/L	5	08/22/2024 10:04	227380
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	08/22/2024 10:04	227380
Nickel	NELAP	0.0004	0.0010		0.0014	mg/L	5	08/22/2024 10:04	227380
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 10:04	227380
Silver	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 14:55	227380
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/22/2024 10:04	227380
Vanadium	NELAP	0.0028	0.0050		< 0.0050	mg/L	5	08/22/2024 10:04	227380
Zinc	NELAP	0.0059	0.0150		< 0.0150	mg/L	5	08/22/2024 10:04	227380
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/20/2024 14:15	227374



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-004
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-04
Collection Date: 08/19/2024 12:21

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.97	ft	1	08/19/2024 12:21	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		16	NTU	1	08/19/2024 12:21	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-115	mV	1	08/19/2024 12:21	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		790	µS/cm	1	08/19/2024 12:21	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.6	°C	1	08/19/2024 12:21	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		3.41	mg/L	1	08/19/2024 12:21	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.71		1	08/19/2024 12:21	R352267
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		472	mg/L	1	08/20/2024 8:56	R352109
STANDARD METHODS 4500-NO3 F (TOTAL) 2000, 2011									
Nitrogen, Nitrate (as N)	NELAP	0.009	0.050		< 0.050	mg/L	1	08/20/2024 14:58	R352067
SW-846 9012A (TOTAL)									
Cyanide	NELAP	0.001	0.005		< 0.005	mg/L	1	08/22/2024 14:11	227393
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.22	mg/L	10	08/20/2024 9:49	R351979
Chloride	*	1.00	5.00		26.4	mg/L	10	08/20/2024 9:49	R351979
Sulfate	*	0.33	10.0		26.4	mg/L	10	08/20/2024 9:49	R351979
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/22/2024 10:10	227380
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/22/2024 10:10	227380
Barium	NELAP	0.0007	0.0010		0.121	mg/L	5	08/22/2024 10:10	227380
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 10:10	227380
Boron	NELAP	0.0092	0.0250		0.612	mg/L	5	08/22/2024 10:10	227380
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 10:10	227380
Chromium	NELAP	0.0007	0.0015	J	0.0010	mg/L	5	08/22/2024 10:10	227380
Cobalt	*	0.0001	0.0010		< 0.0010	mg/L	5	08/22/2024 10:10	227380
Copper	NELAP	0.0008	0.0010		< 0.0010	mg/L	5	08/22/2024 10:10	227380
Iron	NELAP	0.0115	0.0250		0.120	mg/L	5	08/22/2024 10:10	227380
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 10:10	227380
Manganese	NELAP	0.0008	0.0020		0.271	mg/L	5	08/22/2024 10:10	227380
Nickel	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/22/2024 10:10	227380
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 10:10	227380
Silver	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 15:01	227380
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/22/2024 10:10	227380
Vanadium	NELAP	0.0028	0.0050		< 0.0050	mg/L	5	08/22/2024 10:10	227380
Zinc	NELAP	0.0059	0.0150		< 0.0150	mg/L	5	08/22/2024 10:10	227380
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/20/2024 14:22	227374



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-005
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-05
Collection Date: 08/19/2024 13:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		28.00	ft	1	08/19/2024 13:26	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		18	NTU	1	08/19/2024 13:26	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		2	mV	1	08/19/2024 13:26	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1230	µS/cm	1	08/19/2024 13:26	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.5	°C	1	08/19/2024 13:26	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		3.36	mg/L	1	08/19/2024 13:26	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.55		1	08/19/2024 13:26	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		318	mg/L	1	08/21/2024 10:46	R352114
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/21/2024 10:46	R352114
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		774	mg/L	1	08/20/2024 8:56	R352109
STANDARD METHODS 4500-NO₃ F (TOTAL) 2000, 2011									
Nitrogen, Nitrate (as N)	NELAP	0.009	0.050	J	0.031	mg/L	1	08/20/2024 15:00	R352067
SW-846 9012A (TOTAL)									
Cyanide	NELAP	0.001	0.005		< 0.005	mg/L	1	08/22/2024 14:15	227393
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.06	mg/L	10	08/20/2024 10:01	R351979
Chloride	*	1.00	5.00		43.5	mg/L	10	08/20/2024 10:01	R351979
Sulfate	*	0.33	10	J	9.8	mg/L	10	08/20/2024 10:01	R351979
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	173	mg/L	1	08/21/2024 18:02	227380
Magnesium	NELAP	0.0055	0.0500		87.5	mg/L	1	08/21/2024 18:02	227380
Potassium	NELAP	0.0400	0.100		1.33	mg/L	1	08/21/2024 18:02	227380
Sodium	NELAP	0.0180	0.0500		25.8	mg/L	1	08/21/2024 18:02	227380
<i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		0.100	mg/L	5	09/03/2024 13:56	227396
Manganese	NELAP	0.0008	0.0020		0.237	mg/L	5	08/30/2024 13:40	227396
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/22/2024 12:09	227380
Arsenic	NELAP	0.0004	0.0010		0.0014	mg/L	5	08/22/2024 12:09	227380
Barium	NELAP	0.0007	0.0010		0.175	mg/L	5	08/22/2024 12:09	227380
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 12:09	227380
Boron	NELAP	0.0092	0.0250		0.505	mg/L	5	08/22/2024 12:09	227380
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 12:09	227380
Chromium	NELAP	0.0007	0.0015		0.0048	mg/L	5	08/23/2024 14:04	227380
Cobalt	*	0.0001	0.0010		0.0016	mg/L	5	08/23/2024 14:04	227380



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-005
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24

Client Sample ID: MW-05

Collection Date: 08/19/2024 13:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Copper	NELAP	0.0008	0.0010		0.0028	mg/L	5	08/22/2024 12:09	227380
Iron	NELAP	0.0115	0.0250		2.81	mg/L	5	08/23/2024 14:04	227380
Lead	NELAP	0.0006	0.0010		0.0014	mg/L	5	08/22/2024 12:09	227380
Lithium	*	0.0015	0.0030		0.0051	mg/L	5	08/22/2024 12:09	227380
Manganese	NELAP	0.0008	0.0020		0.315	mg/L	5	08/22/2024 12:09	227380
Molybdenum	NELAP	0.0006	0.0015	J	0.0007	mg/L	5	08/23/2024 14:04	227380
Nickel	NELAP	0.0004	0.0010		0.0051	mg/L	5	08/22/2024 12:09	227380
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 12:09	227380
Silver	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 14:04	227380
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/22/2024 12:09	227380
Vanadium	NELAP	0.0028	0.0050		0.0056	mg/L	5	08/22/2024 12:09	227380
Zinc	NELAP	0.0059	0.0150		< 0.0150	mg/L	5	08/22/2024 12:09	227380
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/20/2024 14:48	227374



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-006
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-06
Collection Date: 08/20/2024 11:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		11.57	ft	1	08/20/2024 11:14	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.7	NTU	1	08/20/2024 11:14	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		88	mV	1	08/20/2024 11:14	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		746	µS/cm	1	08/20/2024 11:14	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.9	°C	1	08/20/2024 11:14	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		4.96	mg/L	1	08/20/2024 11:14	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.45		1	08/20/2024 11:14	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		285	mg/L	1	08/22/2024 12:03	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 12:03	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		520	mg/L	1	08/21/2024 10:04	R352173
STANDARD METHODS 4500-NO₃ F (TOTAL) 2000, 2011									
Nitrogen, Nitrate (as N)	NELAP	0.009	0.050		0.207	mg/L	1	08/21/2024 13:17	R352134
SW-846 9012A (TOTAL)									
Cyanide	NELAP	0.001	0.005		< 0.005	mg/L	1	08/22/2024 15:33	227465
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.12	mg/L	10	08/21/2024 10:08	R352071
Chloride	*	1.0	5.0	J	3.3	mg/L	10	08/21/2024 10:08	R352071
Sulfate	*	0.33	10.0		141	mg/L	10	08/21/2024 10:08	R352071
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		102	mg/L	1	08/21/2024 18:16	227380
Magnesium	NELAP	0.0055	0.0500		43.4	mg/L	1	08/21/2024 18:16	227380
Potassium	NELAP	0.0400	0.100		1.43	mg/L	1	08/21/2024 18:16	227380
Sodium	NELAP	0.0180	0.0500		24.9	mg/L	1	08/21/2024 18:16	227380
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		< 0.0250	mg/L	5	08/29/2024 11:58	227416
Manganese	NELAP	0.0008	0.0020		0.0082	mg/L	5	08/29/2024 11:58	227416
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/22/2024 10:16	227380
Arsenic	NELAP	0.0004	0.0010	J	0.0007	mg/L	5	08/23/2024 15:07	227380
Barium	NELAP	0.0007	0.0010		0.0572	mg/L	5	08/22/2024 10:16	227380
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 10:16	227380
Boron	NELAP	0.0092	0.0250		1.19	mg/L	5	08/22/2024 10:16	227380
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 10:16	227380
Chromium	NELAP	0.0007	0.0015		0.0049	mg/L	5	09/04/2024 11:44	227920
Cobalt	*	0.0001	0.0010		0.0014	mg/L	5	09/04/2024 11:44	227920
Copper	NELAP	0.0008	0.0010		0.0048	mg/L	5	09/05/2024 7:41	227920



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-006
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-06
Collection Date: 08/20/2024 11:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Iron	NELAP	0.0115	0.0250		3.26	mg/L	5	09/05/2024 7:41	227920
Lead	NELAP	0.0006	0.0010		0.0022	mg/L	5	09/05/2024 7:41	227920
Lithium	*	0.0015	0.0030		0.0042	mg/L	5	09/05/2024 7:41	227920
Manganese	NELAP	0.0008	0.0020		0.0584	mg/L	5	08/22/2024 10:16	227380
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	08/22/2024 10:16	227380
Nickel	NELAP	0.0004	0.0010		0.0043	mg/L	5	09/04/2024 11:44	227920
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 10:16	227380
Silver	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 15:07	227380
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/22/2024 10:16	227380
Vanadium	NELAP	0.0028	0.0050		0.0080	mg/L	5	09/04/2024 11:44	227920
Zinc	NELAP	0.0059	0.015	J	0.0069	mg/L	5	08/22/2024 10:16	227380
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/22/2024 12:26	227423



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-007
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-07
Collection Date: 08/20/2024 9:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		10.24	ft	1	08/20/2024 9:48	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		7.0	NTU	1	08/20/2024 9:48	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-140	mV	1	08/20/2024 9:48	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1230	µS/cm	1	08/20/2024 9:48	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.4	°C	1	08/20/2024 9:48	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.72	mg/L	1	08/20/2024 9:48	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.83		1	08/20/2024 9:48	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		390	mg/L	1	08/22/2024 11:48	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 11:48	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		930	mg/L	1	08/21/2024 10:05	R352173
STANDARD METHODS 4500-NO₃ F (TOTAL) 2000, 2011									
Nitrogen, Nitrate (as N)	NELAP	0.009	0.050		0.091	mg/L	1	08/21/2024 13:19	R352134
SW-846 9012A (TOTAL)									
Cyanide	NELAP	0.001	0.005		< 0.005	mg/L	1	08/22/2024 15:37	227465
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.19	mg/L	10	08/21/2024 10:43	R352071
Chloride	*	1.00	5.00		6.50	mg/L	10	08/21/2024 10:43	R352071
Sulfate	*	0.33	10.0		347	mg/L	10	08/21/2024 10:43	R352071
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		180	mg/L	1	08/21/2024 18:18	227380
Magnesium	NELAP	0.0055	0.0500		77.5	mg/L	1	08/21/2024 18:18	227380
Potassium	NELAP	0.0400	0.100		2.17	mg/L	1	08/21/2024 18:18	227380
Sodium	NELAP	0.0180	0.0500		22.6	mg/L	1	08/21/2024 18:18	227380
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		1.46	mg/L	5	08/29/2024 12:03	227416
Manganese	NELAP	0.0038	0.0100		4.71	mg/L	25	08/30/2024 13:46	227416
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/22/2024 10:21	227380
Arsenic	NELAP	0.0004	0.0010		0.0025	mg/L	5	08/22/2024 10:21	227380
Barium	NELAP	0.0007	0.0010		0.0942	mg/L	5	08/22/2024 10:21	227380
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 10:21	227380
Boron	NELAP	0.0092	0.0250		0.555	mg/L	5	08/22/2024 10:21	227380
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 10:21	227380
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/22/2024 10:21	227380
Cobalt	*	0.0001	0.0010		0.0029	mg/L	5	08/23/2024 15:12	227380
Copper	NELAP	0.0008	0.0010		0.0015	mg/L	5	08/22/2024 10:21	227380



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-007
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-07
Collection Date: 08/20/2024 9:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Iron	NELAP	0.0115	0.0250		1.31	mg/L	5	08/22/2024 10:21	227380
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 10:21	227380
Lithium	*	0.0015	0.0030	J	0.0029	mg/L	5	08/22/2024 10:21	227380
Manganese	NELAP	0.0008	0.0020		4.76	mg/L	5	08/22/2024 10:21	227380
Molybdenum	NELAP	0.0006	0.0015		0.0022	mg/L	5	08/23/2024 15:12	227380
Nickel	NELAP	0.0004	0.0010		0.0034	mg/L	5	08/22/2024 10:21	227380
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 10:21	227380
Silver	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 15:12	227380
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/22/2024 10:21	227380
Vanadium	NELAP	0.0028	0.0050		< 0.0050	mg/L	5	08/22/2024 10:21	227380
Zinc	NELAP	0.0059	0.0150		< 0.0150	mg/L	5	08/22/2024 10:21	227380
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/22/2024 12:28	227423



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-008
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-07S
Collection Date: 08/20/2024 10:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		10.64	ft	1	08/20/2024 10:11	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		10	NTU	1	08/20/2024 10:11	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-66	mV	1	08/20/2024 10:11	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1600	µS/cm	1	08/20/2024 10:11	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		19.3	°C	1	08/20/2024 10:11	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		3.00	mg/L	1	08/20/2024 10:11	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.66		1	08/20/2024 10:11	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		420	mg/L	1	08/22/2024 11:24	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 11:24	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		486	mg/L	1	08/21/2024 10:05	R352173
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.23	mg/L	10	08/21/2024 11:18	R352071
Chloride	*	1.00	5.00		6.85	mg/L	10	08/21/2024 11:18	R352071
Sulfate	*	0.33	10.0		555	mg/L	10	08/21/2024 11:18	R352071
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		191	mg/L	1	08/21/2024 18:19	227380
Magnesium	NELAP	0.0055	0.0500		73.4	mg/L	1	08/21/2024 18:19	227380
Potassium	NELAP	0.0400	0.100		2.68	mg/L	1	08/21/2024 18:19	227380
Sodium	NELAP	0.0180	0.0500		91.4	mg/L	1	08/21/2024 18:19	227380
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		7.47	mg/L	5	08/29/2024 12:07	227416
Manganese	NELAP	0.0075	0.0200		10.1	mg/L	50	08/30/2024 14:41	227416
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/22/2024 10:27	227380
Arsenic	NELAP	0.0004	0.0010		0.0094	mg/L	5	08/22/2024 10:27	227380
Barium	NELAP	0.0007	0.0010		0.0435	mg/L	5	08/22/2024 10:27	227380
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 10:27	227380
Boron	NELAP	0.0092	0.0250		4.03	mg/L	5	08/22/2024 10:27	227380
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 10:27	227380
Chromium	NELAP	0.0007	0.0015	J	0.0008	mg/L	5	08/22/2024 10:27	227380
Cobalt	*	0.0001	0.0010		0.0018	mg/L	5	08/22/2024 10:27	227380
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 10:27	227380
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	08/22/2024 10:27	227380
Molybdenum	NELAP	0.0006	0.0015	J	0.0010	mg/L	5	08/22/2024 10:27	227380
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 10:27	227380
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/22/2024 10:27	227380



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-008
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-07S
Collection Date: 08/20/2024 10:11

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	08/22/2024 12:30	227423



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-009
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-08
Collection Date: 08/20/2024 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.33	ft	1	08/20/2024 10:19	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.2	NTU	1	08/20/2024 10:19	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		119	mV	1	08/20/2024 10:19	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		763	µS/cm	1	08/20/2024 10:19	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.7	°C	1	08/20/2024 10:19	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.51	mg/L	1	08/20/2024 10:19	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.41		1	08/20/2024 10:19	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		454	mg/L	1	08/22/2024 11:02	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 11:02	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		816	mg/L	1	08/21/2024 10:05	R352173
STANDARD METHODS 4500-NO₃ F (TOTAL) 2000, 2011									
Nitrogen, Nitrate (as N)	NELAP	0.009	0.050		< 0.050	mg/L	1	08/21/2024 13:21	R352134
SW-846 9012A (TOTAL)									
Cyanide	NELAP	0.001	0.005		< 0.005	mg/L	1	08/22/2024 15:42	227465
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.12	mg/L	10	08/21/2024 11:29	R352071
Chloride	*	1.00	5.00		20.4	mg/L	10	08/21/2024 11:29	R352071
Sulfate	*	0.33	10.0		205	mg/L	10	08/21/2024 11:29	R352071
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		161	mg/L	1	08/21/2024 18:21	227380
Magnesium	NELAP	0.0055	0.0500		72.1	mg/L	1	08/21/2024 18:21	227380
Potassium	NELAP	0.0400	0.100		0.541	mg/L	1	08/21/2024 18:21	227380
Sodium	NELAP	0.0180	0.0500		27.8	mg/L	1	08/21/2024 18:21	227380
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.012	0.025	J	0.012	mg/L	5	08/29/2024 12:44	227416
Manganese	NELAP	0.0030	0.0080		5.76	mg/L	20	08/30/2024 13:52	227416
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/22/2024 10:33	227380
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/22/2024 10:33	227380
Barium	NELAP	0.0007	0.0010		0.0276	mg/L	5	08/22/2024 10:33	227380
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 10:33	227380
Boron	NELAP	0.0092	0.0250		0.930	mg/L	5	08/22/2024 10:33	227380
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 10:33	227380
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/22/2024 10:33	227380
Cobalt	*	0.0001	0.0010		0.0012	mg/L	5	08/23/2024 15:18	227380
Copper	NELAP	0.0008	0.0010		< 0.0010	mg/L	5	08/22/2024 10:33	227380



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-009
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-08
Collection Date: 08/20/2024 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Iron	NELAP	0.012	0.025	J	0.013	mg/L	5	08/22/2024 10:33	227380
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 10:33	227380
Lithium	*	0.0015	0.0030	J	0.0021	mg/L	5	08/22/2024 10:33	227380
Manganese	NELAP	0.0030	0.0080		5.80	mg/L	20	08/23/2024 14:44	227380
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	08/22/2024 10:33	227380
Nickel	NELAP	0.0004	0.0010		0.0019	mg/L	5	08/22/2024 10:33	227380
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 10:33	227380
Silver	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 15:18	227380
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/22/2024 10:33	227380
Vanadium	NELAP	0.0028	0.0050		< 0.0050	mg/L	5	08/22/2024 10:33	227380
Zinc	NELAP	0.0059	0.0150		< 0.0150	mg/L	5	08/22/2024 10:33	227380
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/22/2024 12:55	227423



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-010
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24

Client Sample ID: MW-08S

Collection Date: 08/20/2024 0:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.53	ft	1	08/20/2024 10:29	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		Well dry	NTU	1	08/20/2024 10:29	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		Well dry	mV	1	08/20/2024 10:29	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		Well dry	µS/cm	1	08/20/2024 10:29	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		Well dry	°C	1	08/20/2024 10:29	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		Well dry	mg/L	1	08/20/2024 10:29	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		Well dry		1	08/20/2024 10:29	R352267



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-011
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-09
Collection Date: 08/19/2024 12:37

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		14.91	ft	1	08/19/2024 12:37	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		41	NTU	1	08/19/2024 12:37	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		115	mV	1	08/19/2024 12:37	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		689	µS/cm	1	08/19/2024 12:37	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.5	°C	1	08/19/2024 12:37	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		3.96	mg/L	1	08/19/2024 12:37	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.55		1	08/19/2024 12:37	R352267
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		496	mg/L	1	08/20/2024 8:57	R352109
STANDARD METHODS 4500-NO3 F (TOTAL) 2000, 2011									
Nitrogen, Nitrate (as N)	NELAP	0.009	0.250		2.56	mg/L	1	08/20/2024 15:02	R352067
SW-846 9012A (TOTAL)									
Cyanide	NELAP	0.001	0.005		< 0.005	mg/L	1	08/22/2024 14:20	227393
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.06	mg/L	10	08/20/2024 10:13	R351979
Chloride	*	1.00	5.00		7.45	mg/L	10	08/20/2024 10:13	R351979
Sulfate	*	0.33	10.0		166	mg/L	10	08/20/2024 10:13	R351979
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0009	mg/L	5	08/22/2024 11:41	227380
Arsenic	NELAP	0.0004	0.0010		0.0010	mg/L	5	08/22/2024 11:41	227380
Barium	NELAP	0.0007	0.0010		0.0631	mg/L	5	08/22/2024 11:41	227380
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 11:41	227380
Boron	NELAP	0.0092	0.0250		0.179	mg/L	5	08/22/2024 11:41	227380
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 11:41	227380
Chromium	NELAP	0.0007	0.0015		0.0034	mg/L	5	08/23/2024 16:48	227380
Cobalt	*	0.0001	0.0010	J	0.0008	mg/L	5	08/22/2024 11:41	227380
Copper	NELAP	0.0008	0.0010		0.0021	mg/L	5	08/22/2024 11:41	227380
Iron	NELAP	0.0115	0.0250		2.48	mg/L	5	09/05/2024 7:52	227920
Lead	NELAP	0.0006	0.0010		0.0013	mg/L	5	08/22/2024 11:41	227380
Manganese	NELAP	0.0008	0.0020		0.143	mg/L	5	09/05/2024 7:52	227920
Nickel	NELAP	0.0004	0.0010		0.0025	mg/L	5	08/22/2024 11:41	227380
Selenium	NELAP	0.0006	0.0010		0.0030	mg/L	5	08/22/2024 11:41	227380
Silver	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 16:48	227380
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/22/2024 11:41	227380
Vanadium	NELAP	0.0028	0.0050	J	0.0041	mg/L	5	08/22/2024 11:41	227380
Zinc	NELAP	0.0059	0.015	J	0.0071	mg/L	5	08/22/2024 11:41	227380
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/20/2024 14:51	227374



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-012
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-10
Collection Date: 08/19/2024 11:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		12.77	ft	1	08/19/2024 11:43	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		6.3	NTU	1	08/19/2024 11:43	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		88	mV	1	08/19/2024 11:43	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1790	µS/cm	1	08/19/2024 11:43	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		19.4	°C	1	08/19/2024 11:43	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.91	mg/L	1	08/19/2024 11:43	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.39		1	08/19/2024 11:43	R352267
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1050	mg/L	1	08/20/2024 8:57	R352109
STANDARD METHODS 4500-NO3 F (TOTAL) 2000, 2011									
Nitrogen, Nitrate (as N)	NELAP	0.009	0.050		0.252	mg/L	1	08/20/2024 15:04	R352067
SW-846 9012A (TOTAL)									
Cyanide	NELAP	0.001	0.005		< 0.005	mg/L	1	08/22/2024 14:24	227393
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.08	mg/L	10	08/20/2024 10:24	R351979
Chloride	*	1.00	5.00		228	mg/L	10	08/20/2024 10:24	R351979
Sulfate	*	0.33	10.0		351	mg/L	10	08/20/2024 10:24	R351979
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	09/05/2024 8:03	227920
Arsenic	NELAP	0.0004	0.0010	J	0.0008	mg/L	5	09/04/2024 12:52	227920
Barium	NELAP	0.0007	0.0010		0.0461	mg/L	5	08/22/2024 11:47	227380
Beryllium	NELAP	0.0002	0.0010	J	0.0003	mg/L	5	08/22/2024 11:47	227380
Boron	NELAP	0.0092	0.0250		0.725	mg/L	5	08/22/2024 11:47	227380
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	09/04/2024 12:52	227920
Chromium	NELAP	0.0007	0.0015		0.0019	mg/L	5	09/05/2024 8:03	227920
Cobalt	*	0.0001	0.0010	J	0.0005	mg/L	5	09/04/2024 12:52	227920
Copper	NELAP	0.0008	0.0010		0.0034	mg/L	5	09/05/2024 8:03	227920
Iron	NELAP	0.0115	0.0250		1.45	mg/L	5	08/22/2024 11:47	227380
Lead	NELAP	0.0006	0.0010		0.0254	mg/L	5	09/05/2024 8:03	227920
Manganese	NELAP	0.0008	0.0020		0.0956	mg/L	5	08/22/2024 11:47	227380
Nickel	NELAP	0.0004	0.0010		0.0028	mg/L	5	09/04/2024 12:52	227920
Selenium	NELAP	0.0006	0.0010		0.0065	mg/L	5	08/22/2024 11:47	227380
Silver	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 16:54	227380
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/22/2024 11:47	227380
Vanadium	NELAP	0.0028	0.0050	J	0.0048	mg/L	5	08/22/2024 11:47	227380
Zinc	NELAP	0.0059	0.015	J	0.014	mg/L	5	09/04/2024 12:52	227920
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/20/2024 14:53	227374



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-013
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-11
Collection Date: 08/20/2024 10:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		11.97	ft	1	08/20/2024 10:57	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.4	NTU	1	08/20/2024 10:57	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		36	mV	1	08/20/2024 10:57	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1030	µS/cm	1	08/20/2024 10:57	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.9	°C	1	08/20/2024 10:57	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.77	mg/L	1	08/20/2024 10:57	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.67		1	08/20/2024 10:57	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		421	mg/L	1	08/22/2024 11:56	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 11:56	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		632	mg/L	1	08/21/2024 10:05	R352173
STANDARD METHODS 4500-NO₃ F (TOTAL) 2000, 2011									
Nitrogen, Nitrate (as N)	NELAP	0.009	0.050		0.291	mg/L	1	08/21/2024 13:24	R352134
SW-846 9012A (TOTAL)									
Cyanide	NELAP	0.001	0.005		< 0.005	mg/L	1	08/22/2024 15:46	227465
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.43	mg/L	10	08/21/2024 11:41	R352071
Chloride	*	1.00	5.00		32.2	mg/L	10	08/21/2024 11:41	R352071
Sulfate	*	0.33	10.0		121	mg/L	10	08/21/2024 11:41	R352071
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		123	mg/L	1	08/21/2024 18:23	227380
Magnesium	NELAP	0.0055	0.0500		51.5	mg/L	1	08/21/2024 18:23	227380
Potassium	NELAP	0.0400	0.100		0.905	mg/L	1	08/21/2024 18:23	227380
Sodium	NELAP	0.0180	0.0500		44.4	mg/L	1	08/21/2024 18:23	227380
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		0.0461	mg/L	5	08/29/2024 12:49	227416
Manganese	NELAP	0.0008	0.0020		0.108	mg/L	5	08/29/2024 12:49	227416
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/22/2024 11:52	227380
Arsenic	NELAP	0.0004	0.0010	J	0.0007	mg/L	5	08/22/2024 11:52	227380
Barium	NELAP	0.0007	0.0010		0.115	mg/L	5	08/22/2024 11:52	227380
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 11:52	227380
Boron	NELAP	0.0092	0.0250		1.48	mg/L	5	08/22/2024 11:52	227380
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 11:52	227380
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/22/2024 11:52	227380
Cobalt	*	0.0001	0.0010	J	0.0006	mg/L	5	08/22/2024 11:52	227380
Copper	NELAP	0.0008	0.0010		0.0012	mg/L	5	08/23/2024 16:59	227380



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-013
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-11
Collection Date: 08/20/2024 10:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Iron	NELAP	0.0115	0.0250		0.0873	mg/L	5	08/22/2024 11:52	227380
Lead	NELAP	0.0006	0.0010		0.0319	mg/L	5	08/22/2024 11:52	227380
Lithium	*	0.0015	0.0030		0.0032	mg/L	5	08/22/2024 11:52	227380
Manganese	NELAP	0.0008	0.0020		0.164	mg/L	5	08/22/2024 11:52	227380
Molybdenum	NELAP	0.0006	0.0015		0.0021	mg/L	5	08/23/2024 16:59	227380
Nickel	NELAP	0.0004	0.0010		0.0024	mg/L	5	08/22/2024 11:52	227380
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 11:52	227380
Silver	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 16:59	227380
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/22/2024 11:52	227380
Vanadium	NELAP	0.0028	0.0050		< 0.0050	mg/L	5	08/22/2024 11:52	227380
Zinc	NELAP	0.0059	0.0150		< 0.0150	mg/L	5	08/22/2024 11:52	227380
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/22/2024 12:57	227423



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-014
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-12
Collection Date: 08/20/2024 12:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		7.21	ft	1	08/20/2024 12:56	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		16	NTU	1	08/20/2024 12:56	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-67	mV	1	08/20/2024 12:56	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1420	µS/cm	1	08/20/2024 12:56	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.4	°C	1	08/20/2024 12:56	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		3.52	mg/L	1	08/20/2024 12:56	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.74		1	08/20/2024 12:56	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		518	mg/L	1	08/22/2024 11:40	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 11:40	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1120	mg/L	1	08/21/2024 10:06	R352173
STANDARD METHODS 4500-NO₃ F (TOTAL) 2000, 2011									
Nitrogen, Nitrate (as N)	NELAP	0.009	0.050		0.293	mg/L	1	08/21/2024 13:39	R352134
SW-846 9012A (TOTAL)									
Cyanide	NELAP	0.001	0.005		< 0.005	mg/L	1	08/22/2024 15:50	227465
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.11	mg/L	10	08/21/2024 11:53	R352071
Chloride	*	1.00	5.00		29.5	mg/L	10	08/21/2024 11:53	R352071
Sulfate	*	0.33	10.0		360	mg/L	10	08/21/2024 11:53	R352071
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		209	mg/L	1	08/22/2024 16:27	227390
Magnesium	NELAP	0.0055	0.0500		86.5	mg/L	1	08/22/2024 16:27	227390
Potassium	NELAP	0.0400	0.100		2.36	mg/L	1	08/22/2024 16:27	227390
Sodium	NELAP	0.0180	0.0500		55.7	mg/L	1	08/22/2024 16:27	227390
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		2.33	mg/L	5	08/29/2024 12:54	227416
Manganese	NELAP	0.0008	0.0020		0.365	mg/L	5	08/29/2024 12:54	227416
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0007	mg/L	5	08/22/2024 13:13	227390
Arsenic	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	08/22/2024 13:13	227390
Barium	NELAP	0.0007	0.0010		0.0779	mg/L	5	08/22/2024 13:13	227390
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 13:13	227390
Boron	NELAP	0.0092	0.0250		3.07	mg/L	5	08/23/2024 12:33	227390
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 13:13	227390
Chromium	NELAP	0.0007	0.0015	J	0.0009	mg/L	5	08/22/2024 13:13	227390
Cobalt	*	0.0001	0.0010	J	0.0002	mg/L	5	08/22/2024 13:13	227390
Copper	NELAP	0.0008	0.0010		< 0.0010	mg/L	5	08/22/2024 13:13	227390



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-014
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-12
Collection Date: 08/20/2024 12:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Iron	NELAP	0.0115	0.0250		3.33	mg/L	5	08/23/2024 12:33	227390
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 13:13	227390
Lithium	*	0.0015	0.0030		0.0098	mg/L	5	08/23/2024 12:33	227390
Manganese	NELAP	0.0008	0.0020		0.449	mg/L	5	08/22/2024 13:13	227390
Molybdenum	NELAP	0.0006	0.0015	J	0.0009	mg/L	5	08/22/2024 13:13	227390
Nickel	NELAP	0.0004	0.0010		0.0016	mg/L	5	08/22/2024 13:13	227390
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 13:13	227390
Silver	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 12:33	227390
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/22/2024 13:13	227390
Vanadium	NELAP	0.0028	0.0050		< 0.0050	mg/L	5	08/22/2024 13:13	227390
Zinc	NELAP	0.0059	0.0150		< 0.0150	mg/L	5	08/22/2024 13:13	227390
CCV recovered outside the upper control limits for Be, Co, Pb, and Tl. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/22/2024 12:59	227423



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-015
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-20
Collection Date: 08/21/2024 11:18

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.80	ft	1	08/21/2024 11:18	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		15	NTU	1	08/21/2024 11:18	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-41	mV	1	08/21/2024 11:18	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		980	µS/cm	1	08/21/2024 11:18	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.9	°C	1	08/21/2024 11:18	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		4.03	mg/L	1	08/21/2024 11:18	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.90		1	08/21/2024 11:18	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		417	mg/L	1	08/22/2024 9:14	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 9:14	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		672	mg/L	1	08/23/2024 13:49	R352309
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.28	mg/L	10	08/22/2024 10:29	R352127
Chloride	*	1.00	5.00		20.1	mg/L	10	08/22/2024 10:29	R352127
Sulfate	*	0.33	10.0		147	mg/L	10	08/22/2024 10:29	R352127
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	137	mg/L	1	08/26/2024 18:37	227422
Magnesium	NELAP	0.0055	0.0500	S	68.1	mg/L	1	08/26/2024 18:37	227422
Potassium	NELAP	0.0400	0.100		1.11	mg/L	1	08/26/2024 18:37	227422
Sodium	NELAP	0.0180	0.0500	S	23.7	mg/L	1	08/26/2024 18:37	227422
<i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		0.115	mg/L	5	08/30/2024 8:35	227476
Manganese	NELAP	0.0008	0.0020		0.150	mg/L	5	08/29/2024 14:03	227476
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 18:08	227422
Arsenic	NELAP	0.0004	0.0010	J	0.0006	mg/L	5	08/23/2024 18:08	227422
Barium	NELAP	0.0007	0.0010		0.0975	mg/L	5	08/23/2024 18:08	227422
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 18:08	227422
Boron	NELAP	0.0092	0.0250		0.739	mg/L	5	08/23/2024 18:08	227422
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 18:08	227422
Chromium	NELAP	0.0007	0.0015		0.0018	mg/L	5	08/23/2024 18:08	227422
Cobalt	*	0.0001	0.0010	J	0.0005	mg/L	5	08/23/2024 18:08	227422
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/23/2024 18:08	227422
Lithium	*	0.0015	0.0030		0.0040	mg/L	5	08/23/2024 18:08	227422
Molybdenum	NELAP	0.0006	0.0015		0.0034	mg/L	5	08/27/2024 11:18	227422
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/23/2024 18:08	227422
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/23/2024 18:08	227422



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-015
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-20
Collection Date: 08/21/2024 11:18

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
CCV recovered outside the upper control limits for TI. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/22/2024 15:38	227494



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-016
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-20S
Collection Date: 08/20/2024 11:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.76	ft	1	08/20/2024 11:47	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		8.8	NTU	1	08/20/2024 11:47	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		30	mV	1	08/20/2024 11:47	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1430	µS/cm	1	08/20/2024 11:47	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		19.0	°C	1	08/20/2024 11:47	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.60	mg/L	1	08/20/2024 11:47	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.60		1	08/20/2024 11:47	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		453	mg/L	1	08/22/2024 10:33	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 10:33	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1070	mg/L	1	08/21/2024 10:19	R352173
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.12	mg/L	10	08/21/2024 12:39	R352071
Chloride	*	1.00	5.00		18.0	mg/L	10	08/21/2024 12:39	R352071
Sulfate	*	0.33	10.0		389	mg/L	10	08/21/2024 12:39	R352071
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		205	mg/L	1	08/22/2024 16:29	227390
Magnesium	NELAP	0.0055	0.0500		101	mg/L	1	08/22/2024 16:29	227390
Potassium	NELAP	0.0400	0.100		0.266	mg/L	1	08/22/2024 16:29	227390
Sodium	NELAP	0.0180	0.0500		31.7	mg/L	1	08/22/2024 16:29	227390
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		0.129	mg/L	5	08/29/2024 12:58	227416
Manganese	NELAP	0.0008	0.0020		0.141	mg/L	5	08/29/2024 12:58	227416
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/22/2024 13:18	227390
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/22/2024 13:18	227390
Barium	NELAP	0.0007	0.0010		0.0363	mg/L	5	08/22/2024 13:18	227390
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 13:18	227390
Boron	NELAP	0.0092	0.0250		1.80	mg/L	5	08/23/2024 12:39	227390
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 13:18	227390
Chromium	NELAP	0.0007	0.0015	J	0.0007	mg/L	5	08/22/2024 13:18	227390
Cobalt	*	0.0001	0.0010	J	0.0002	mg/L	5	08/22/2024 13:18	227390
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 13:18	227390
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	08/22/2024 13:18	227390
Molybdenum	NELAP	0.0006	0.0015	J	0.0006	mg/L	5	08/22/2024 13:18	227390
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 13:18	227390
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/22/2024 13:18	227390



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-016
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-20S
Collection Date: 08/20/2024 11:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
CCV recovered outside the upper control limits for Be, Co, Pb, Li, and Tl. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/22/2024 13:01	227423



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-017
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-23
Collection Date: 08/21/2024 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		16.59	ft	1	08/21/2024 10:19	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	08/21/2024 10:19	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-150	mV	1	08/21/2024 10:19	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		954	µS/cm	1	08/21/2024 10:19	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.2	°C	1	08/21/2024 10:19	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		4.31	mg/L	1	08/21/2024 10:19	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.80		1	08/21/2024 10:19	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		483	mg/L	1	08/22/2024 9:54	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 9:54	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		600	mg/L	1	08/23/2024 13:49	R352309
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.26	mg/L	10	08/22/2024 11:16	R352127
Chloride	*	1.00	5.00		25.1	mg/L	10	08/22/2024 11:16	R352127
Sulfate	*	0.33	10.0		44.5	mg/L	10	08/22/2024 11:16	R352127
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		119	mg/L	1	08/26/2024 18:42	227422
Magnesium	NELAP	0.0055	0.0500		53.3	mg/L	1	08/26/2024 18:42	227422
Potassium	NELAP	0.0400	0.100		1.26	mg/L	1	08/26/2024 18:42	227422
Sodium	NELAP	0.0180	0.0500		46.5	mg/L	1	08/26/2024 18:42	227422
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		0.563	mg/L	5	08/30/2024 8:41	227476
Manganese	NELAP	0.0008	0.0020		4.52	mg/L	5	08/29/2024 14:07	227476
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	08/23/2024 17:34	227422
Arsenic	NELAP	0.0004	0.0010		0.0032	mg/L	5	08/23/2024 17:34	227422
Barium	NELAP	0.0007	0.0010		0.109	mg/L	5	08/23/2024 17:34	227422
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 17:34	227422
Boron	NELAP	0.0092	0.0250		2.08	mg/L	5	08/23/2024 17:34	227422
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 17:34	227422
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/23/2024 17:34	227422
Cobalt	*	0.0001	0.0010	J	0.0009	mg/L	5	08/26/2024 13:03	227422
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/23/2024 17:34	227422
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	08/23/2024 17:34	227422
Molybdenum	NELAP	0.0006	0.0015	J	0.0010	mg/L	5	08/23/2024 17:34	227422
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/23/2024 17:34	227422
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/23/2024 17:34	227422

CCV recovered outside the upper control limits for TI. Sample results are below the reporting limit. Data is reportable per the TNI standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-017
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-23
Collection Date: 08/21/2024 10:19

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	08/22/2024 15:41	227494



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-018
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-27
Collection Date: 08/21/2024 10:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		16.34	ft	1	08/21/2024 10:25	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		43	NTU	1	08/21/2024 10:25	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-6	mV	1	08/21/2024 10:25	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		993	µS/cm	1	08/21/2024 10:25	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.4	°C	1	08/21/2024 10:25	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		4.69	mg/L	1	08/21/2024 10:25	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.54		1	08/21/2024 10:25	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		422	mg/L	1	08/22/2024 10:02	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 10:02	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		1020	mg/L	2.5	08/23/2024 13:49	R352309
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.15	mg/L	10	08/22/2024 11:27	R352127
Chloride	*	1.00	5.00		10.4	mg/L	10	08/22/2024 11:27	R352127
Sulfate	*	0.33	10.0		403	mg/L	10	08/22/2024 11:27	R352127
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		196	mg/L	1	08/26/2024 18:43	227422
Magnesium	NELAP	0.0055	0.0500		88.6	mg/L	1	08/26/2024 18:43	227422
Potassium	NELAP	0.0400	0.100		2.07	mg/L	1	08/26/2024 18:43	227422
Sodium	NELAP	0.0180	0.0500		29.6	mg/L	1	08/26/2024 18:43	227422
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		1.95	mg/L	5	08/30/2024 8:47	227476
Manganese	NELAP	0.0008	0.0020		4.39	mg/L	5	08/29/2024 14:12	227476
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 17:40	227422
Arsenic	NELAP	0.0004	0.0010		0.0040	mg/L	5	08/23/2024 17:40	227422
Barium	NELAP	0.0007	0.0010		0.122	mg/L	5	08/23/2024 17:40	227422
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 17:40	227422
Boron	NELAP	0.0092	0.0250		0.677	mg/L	5	08/23/2024 17:40	227422
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 17:40	227422
Chromium	NELAP	0.0007	0.0015		0.0033	mg/L	5	08/23/2024 17:40	227422
Cobalt	*	0.0001	0.0010		0.0036	mg/L	5	08/23/2024 17:40	227422
Lead	NELAP	0.0006	0.0010		0.0012	mg/L	5	08/23/2024 17:40	227422
Lithium	*	0.0015	0.0030		0.0035	mg/L	5	08/23/2024 17:40	227422
Molybdenum	NELAP	0.0006	0.0015		0.0027	mg/L	5	08/26/2024 13:09	227422
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/23/2024 17:40	227422
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/23/2024 17:40	227422

CCV recovered outside the upper control limits for TI. Sample results are below the reporting limit. Data is reportable per the TNI standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-018
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24

Client Sample ID: MW-27

Collection Date: 08/21/2024 10:25

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	08/22/2024 15:43	227494



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-019
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-28
Collection Date: 08/20/2024 12:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		7.93	ft	1	08/20/2024 12:02	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	08/20/2024 12:02	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		77	mV	1	08/20/2024 12:02	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2290	µS/cm	1	08/20/2024 12:02	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.5	°C	1	08/20/2024 12:02	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		3.84	mg/L	1	08/20/2024 12:02	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.73		1	08/20/2024 12:02	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		452	mg/L	1	08/22/2024 10:40	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 10:40	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1980	mg/L	1	08/21/2024 10:19	R352173
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50		ND	mg/L	10	08/21/2024 12:51	R352071
Chloride	*	1.00	5.00		9.44	mg/L	10	08/21/2024 12:51	R352071
Sulfate	*	0.33	10.0		1070	mg/L	10	08/21/2024 12:51	R352071
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		318	mg/L	1	08/22/2024 16:31	227390
Magnesium	NELAP	0.0055	0.0500		143	mg/L	1	08/22/2024 16:31	227390
Potassium	NELAP	0.0400	0.100		1.08	mg/L	1	08/22/2024 16:31	227390
Sodium	NELAP	0.0180	0.0500		138	mg/L	1	08/22/2024 16:31	227390
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.012	0.025	J	0.018	mg/L	5	08/29/2024 13:03	227416
Manganese	NELAP	0.0008	0.0020		1.87	mg/L	5	08/29/2024 13:03	227416
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/22/2024 13:24	227390
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/22/2024 13:24	227390
Barium	NELAP	0.0007	0.0010		0.0249	mg/L	5	08/22/2024 13:24	227390
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 13:24	227390
Boron	NELAP	0.0092	0.0250		7.99	mg/L	5	08/23/2024 12:45	227390
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 13:24	227390
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/22/2024 13:24	227390
Cobalt	*	0.0001	0.0010	J	0.0005	mg/L	5	08/22/2024 13:24	227390
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 13:24	227390
Lithium	*	0.0015	0.0030		0.0060	mg/L	5	08/23/2024 12:45	227390
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	08/22/2024 13:24	227390
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 13:24	227390
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/22/2024 13:24	227390



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-019
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-28
Collection Date: 08/20/2024 12:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
CCV recovered outside the upper control limits Be, Co, Pb, and Tl. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/22/2024 13:04	227423



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-020
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-30
Collection Date: 08/20/2024 10:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		25.29	ft	1	08/20/2024 10:09	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	08/20/2024 10:09	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-101	mV	1	08/20/2024 10:09	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1030	µS/cm	1	08/20/2024 10:09	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.3	°C	1	08/20/2024 10:09	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		4.30	mg/L	1	08/20/2024 10:09	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.61		1	08/20/2024 10:09	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		550	mg/L	1	08/22/2024 10:47	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 10:47	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		244	mg/L	1	08/21/2024 10:19	R352173
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.23	mg/L	10	08/21/2024 13:03	R352071
Chloride	*	1.00	5.00		38.5	mg/L	10	08/21/2024 13:03	R352071
Sulfate	*	0.33	10	J	2.0	mg/L	10	08/21/2024 13:03	R352071
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		126	mg/L	1	08/22/2024 16:32	227390
Magnesium	NELAP	0.0055	0.0500		61.7	mg/L	1	08/22/2024 16:32	227390
Potassium	NELAP	0.0400	0.100		0.666	mg/L	1	08/22/2024 16:32	227390
Sodium	NELAP	0.0180	0.0500		46.5	mg/L	1	08/22/2024 16:32	227390
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0460	0.100	S	6.25	mg/L	20	09/03/2024 12:26	227416
Manganese	NELAP	0.0030	0.0080	S	4.01	mg/L	20	08/30/2024 12:27	227416
<i>Matrix spike did not recover within control limits due to sample composition. Verified by re-prep and re-analysis.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/22/2024 13:30	227390
Arsenic	NELAP	0.0004	0.0010		0.0133	mg/L	5	08/22/2024 13:30	227390
Barium	NELAP	0.0007	0.0010		0.179	mg/L	5	08/22/2024 13:30	227390
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 13:30	227390
Boron	NELAP	0.0092	0.0250		1.11	mg/L	5	08/23/2024 12:50	227390
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 13:30	227390
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/22/2024 13:30	227390
Cobalt	*	0.0001	0.0010		0.0017	mg/L	5	08/23/2024 12:50	227390
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 13:30	227390
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	08/22/2024 13:30	227390
Molybdenum	NELAP	0.0006	0.0015	J	0.0012	mg/L	5	08/22/2024 13:30	227390
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 13:30	227390
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/22/2024 13:30	227390



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-020
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-30
Collection Date: 08/20/2024 10:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
CCV recovered outside the upper control limits Be, Pb, Li, and Tl. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/22/2024 13:06	227423



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-021
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-31
Collection Date: 08/21/2024 12:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		32.18	ft	1	08/21/2024 12:17	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	08/21/2024 12:17	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-90	mV	1	08/21/2024 12:17	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1040	µS/cm	1	08/21/2024 12:17	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.7	°C	1	08/21/2024 12:17	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		3.56	mg/L	1	08/21/2024 12:17	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.69		1	08/21/2024 12:17	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		539	mg/L	1	08/22/2024 10:09	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 10:09	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		500	mg/L	2.5	08/23/2024 14:02	R352309
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.06	mg/L	10	08/22/2024 11:39	R352127
Chloride	*	1.00	5.00		43.4	mg/L	10	08/22/2024 11:39	R352127
Sulfate	*	0.33	10	J	0.74	mg/L	10	08/22/2024 11:39	R352127
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		141	mg/L	1	08/26/2024 18:45	227422
Magnesium	NELAP	0.0055	0.0500		65.0	mg/L	1	08/26/2024 18:45	227422
Potassium	NELAP	0.0400	0.100		0.865	mg/L	1	08/26/2024 18:45	227422
Sodium	NELAP	0.0180	0.0500		25.6	mg/L	1	08/26/2024 18:45	227422
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		4.61	mg/L	5	09/03/2024 14:09	227476
Manganese	NELAP	0.0008	0.0020		0.450	mg/L	5	08/29/2024 14:26	227476
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 17:46	227422
Arsenic	NELAP	0.0004	0.0010		0.0022	mg/L	5	08/23/2024 17:46	227422
Barium	NELAP	0.0007	0.0010		0.219	mg/L	5	08/23/2024 17:46	227422
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 17:46	227422
Boron	NELAP	0.0092	0.0250		0.202	mg/L	5	08/23/2024 17:46	227422
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 17:46	227422
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/23/2024 17:46	227422
Cobalt	*	0.0001	0.0010	J	0.0007	mg/L	5	08/23/2024 17:46	227422
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/23/2024 17:46	227422
Lithium	*	0.0015	0.0030		0.0043	mg/L	5	08/23/2024 17:46	227422
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	08/23/2024 17:46	227422
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/23/2024 17:46	227422
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/23/2024 17:46	227422

CCV recovered outside the upper control limits for TI. Sample results are below the reporting limit. Data is reportable per the TNI standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-021
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-31
Collection Date: 08/21/2024 12:17

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	08/22/2024 15:45	227494



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-022
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-31S
Collection Date: 08/21/2024 10:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		21.90	ft	1	08/21/2024 10:01	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		19	NTU	1	08/21/2024 10:01	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-68	mV	1	08/21/2024 10:01	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1310	µS/cm	1	08/21/2024 10:01	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		21.2	°C	1	08/21/2024 10:01	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		5.58	mg/L	1	08/21/2024 10:01	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.71		1	08/21/2024 10:01	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		646	mg/L	1	08/22/2024 10:17	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 10:17	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	80	100		650	mg/L	5	08/23/2024 14:02	R352309
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.08	mg/L	10	08/22/2024 11:51	R352127
Chloride	*	1.00	5.00		18.4	mg/L	10	08/22/2024 11:51	R352127
Sulfate	*	0.33	10	J	2.1	mg/L	10	08/22/2024 11:51	R352127
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		151	mg/L	1	08/26/2024 18:46	227422
Magnesium	NELAP	0.0055	0.0500		74.0	mg/L	1	08/26/2024 18:46	227422
Potassium	NELAP	0.0400	0.100		0.904	mg/L	1	08/26/2024 18:46	227422
Sodium	NELAP	0.0180	0.0500		24.4	mg/L	1	08/26/2024 18:46	227422
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		6.30	mg/L	5	08/30/2024 8:53	227476
Manganese	NELAP	0.0008	0.0020		1.02	mg/L	5	08/29/2024 14:16	227476
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 17:51	227422
Arsenic	NELAP	0.0004	0.0010		0.0166	mg/L	5	08/23/2024 17:51	227422
Barium	NELAP	0.0007	0.0010		0.262	mg/L	5	08/23/2024 17:51	227422
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 17:51	227422
Boron	NELAP	0.0092	0.0250		0.105	mg/L	5	08/23/2024 17:51	227422
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 17:51	227422
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/23/2024 17:51	227422
Cobalt	*	0.0001	0.0010		0.0012	mg/L	5	08/26/2024 13:38	227422
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/23/2024 17:51	227422
Lithium	*	0.0015	0.0030	J	0.0020	mg/L	5	08/23/2024 17:51	227422
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	08/23/2024 17:51	227422
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/23/2024 17:51	227422
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/23/2024 17:51	227422

CCV recovered outside the upper control limits for TI. Sample results are below the reporting limit. Data is reportable per the TNI standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-022
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-31S
Collection Date: 08/21/2024 10:01

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	08/22/2024 15:47	227494



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-023
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-32
Collection Date: 08/20/2024 12:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		25.16	ft	1	08/20/2024 12:48	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.3	NTU	1	08/20/2024 12:48	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		16	mV	1	08/20/2024 12:48	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1410	µS/cm	1	08/20/2024 12:48	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.2	°C	1	08/20/2024 12:48	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.10	mg/L	1	08/20/2024 12:48	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.41		1	08/20/2024 12:48	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		518	mg/L	1	08/22/2024 10:55	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 10:55	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1010	mg/L	1	08/21/2024 10:19	R352173
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.07	mg/L	10	08/21/2024 13:14	R352071
Chloride	*	1.00	5.00		10.1	mg/L	10	08/21/2024 13:14	R352071
Sulfate	*	0.33	10.0		335	mg/L	10	08/21/2024 13:14	R352071
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		165	mg/L	1	08/26/2024 16:39	227390
Magnesium	NELAP	0.0055	0.0500		85.8	mg/L	1	08/26/2024 16:39	227390
Potassium	NELAP	0.0400	0.100		0.466	mg/L	1	08/22/2024 17:02	227390
Sodium	NELAP	0.0180	0.0500		61.8	mg/L	1	08/26/2024 16:39	227390
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		0.0321	mg/L	5	08/29/2024 13:07	227416
Manganese	NELAP	0.0008	0.0020		3.76	mg/L	5	08/29/2024 13:07	227416
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		0.0015	mg/L	5	08/22/2024 14:16	227390
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/22/2024 14:16	227390
Barium	NELAP	0.0007	0.0010		0.0497	mg/L	5	08/22/2024 14:16	227390
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 14:16	227390
Boron	NELAP	0.0092	0.0250		1.59	mg/L	5	08/23/2024 13:41	227390
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 14:16	227390
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/22/2024 14:16	227390
Cobalt	*	0.0001	0.0010	J	0.0005	mg/L	5	08/22/2024 14:16	227390
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 14:16	227390
Lithium	*	0.0015	0.0030	J	0.0018	mg/L	5	08/22/2024 14:16	227390
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	08/22/2024 14:16	227390
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 14:16	227390
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/22/2024 14:16	227390



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-023
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-32
Collection Date: 08/20/2024 12:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
CCV recovered outside the upper control limits Be, Co, Pb, Li, and Tl. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/22/2024 13:08	227423



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-024
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-33S
Collection Date: 08/21/2024 11:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		10.99	ft	1	08/21/2024 11:26	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		4.0	NTU	1	08/21/2024 11:26	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		134	mV	1	08/21/2024 11:26	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		765	µS/cm	1	08/21/2024 11:26	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.5	°C	1	08/21/2024 11:26	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.81	mg/L	1	08/21/2024 11:26	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.60		1	08/21/2024 11:26	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		422	mg/L	1	08/22/2024 10:25	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 10:25	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		796	mg/L	1	08/23/2024 14:02	R352309
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.14	mg/L	10	08/22/2024 8:44	R352127
Chloride	*	1.00	5.00		24.7	mg/L	10	08/22/2024 8:44	R352127
Sulfate	*	0.33	10.0		169	mg/L	10	08/22/2024 8:44	R352127
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		152	mg/L	1	08/26/2024 18:48	227422
Magnesium	NELAP	0.0055	0.0500		77.4	mg/L	1	08/26/2024 18:48	227422
Potassium	NELAP	0.0400	0.100		1.18	mg/L	1	08/26/2024 18:48	227422
Sodium	NELAP	0.0180	0.0500		21.8	mg/L	1	08/26/2024 18:48	227422
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		< 0.0250	mg/L	5	08/30/2024 10:38	227476
Manganese	NELAP	0.0008	0.0020		0.0340	mg/L	5	08/29/2024 14:21	227476
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 17:57	227422
Arsenic	NELAP	0.0004	0.0010	J	0.0008	mg/L	5	08/23/2024 17:57	227422
Barium	NELAP	0.0007	0.0010		0.0723	mg/L	5	08/23/2024 17:57	227422
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 17:57	227422
Boron	NELAP	0.0092	0.0250		0.183	mg/L	5	08/23/2024 17:57	227422
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 17:57	227422
Chromium	NELAP	0.0007	0.0015		0.0038	mg/L	5	08/23/2024 17:57	227422
Cobalt	*	0.0001	0.0010	J	0.0003	mg/L	5	08/23/2024 17:57	227422
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/23/2024 17:57	227422
Lithium	*	0.0015	0.0030		0.0032	mg/L	5	08/23/2024 17:57	227422
Molybdenum	NELAP	0.0006	0.0015	J	0.0007	mg/L	5	08/23/2024 17:57	227422
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/23/2024 17:57	227422
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/23/2024 17:57	227422

CCV recovered outside the upper control limits for TI. Sample results are below the reporting limit. Data is reportable per the TNI standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-024
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-33S
Collection Date: 08/21/2024 11:26

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	08/22/2024 15:50	227494



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-025
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-34S
Collection Date: 08/20/2024 11:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		10.54	ft	1	08/20/2024 11:56	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		6.6	NTU	1	08/20/2024 11:56	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		79	mV	1	08/20/2024 11:56	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		827	µS/cm	1	08/20/2024 11:56	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.7	°C	1	08/20/2024 11:56	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		4.00	mg/L	1	08/20/2024 11:56	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.60		1	08/20/2024 11:56	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		349	mg/L	1	08/22/2024 11:17	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 11:17	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		942	mg/L	1	08/21/2024 10:20	R352173
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.21	mg/L	10	08/21/2024 13:26	R352071
Chloride	*	1.00	5.00		31.0	mg/L	10	08/21/2024 13:26	R352071
Sulfate	*	0.33	10.0		247	mg/L	10	08/21/2024 13:26	R352071
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		173	mg/L	1	08/26/2024 16:40	227390
Magnesium	NELAP	0.0055	0.0500		80.3	mg/L	1	08/26/2024 16:40	227390
Potassium	NELAP	0.0400	0.100		1.81	mg/L	1	08/22/2024 17:04	227390
Sodium	NELAP	0.0180	0.0500		17.9	mg/L	1	08/26/2024 16:40	227390
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		< 0.0250	mg/L	5	08/29/2024 13:12	227416
Manganese	NELAP	0.0008	0.0020		0.0100	mg/L	5	08/29/2024 13:12	227416
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0009	mg/L	5	08/22/2024 14:21	227390
Arsenic	NELAP	0.0004	0.0010		0.0012	mg/L	5	08/22/2024 14:21	227390
Barium	NELAP	0.0007	0.0010		0.118	mg/L	5	08/22/2024 14:21	227390
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 14:21	227390
Boron	NELAP	0.0092	0.0250		0.297	mg/L	5	08/23/2024 13:47	227390
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 14:21	227390
Chromium	NELAP	0.0007	0.0015		0.0058	mg/L	5	08/22/2024 14:21	227390
Cobalt	*	0.0001	0.0010	J	0.0002	mg/L	5	08/22/2024 14:21	227390
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 14:21	227390
Lithium	*	0.0015	0.0030	J	0.0028	mg/L	5	08/22/2024 14:21	227390
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	08/22/2024 14:21	227390
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 14:21	227390
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/22/2024 14:21	227390



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-025
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-34S
Collection Date: 08/20/2024 11:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
CCV recovered outside the upper control limits Be, Co, Pb, Li, and Tl. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/22/2024 13:15	227423



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-026
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-35S
Collection Date: 08/21/2024 12:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.77	ft	1	08/21/2024 12:30	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		31	NTU	1	08/21/2024 12:30	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		130	mV	1	08/21/2024 12:30	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		775	µS/cm	1	08/21/2024 12:30	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.6	°C	1	08/21/2024 12:30	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		4.39	mg/L	1	08/21/2024 12:30	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.67		1	08/21/2024 12:30	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		322	mg/L	1	08/22/2024 9:27	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 9:27	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		774	mg/L	1	08/23/2024 14:02	R352309
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.18	mg/L	10	08/22/2024 12:02	R352127
Chloride	*	1.00	5.00		40.3	mg/L	10	08/22/2024 12:02	R352127
Sulfate	*	0.33	10.0		133	mg/L	10	08/22/2024 12:02	R352127
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		145	mg/L	1	08/26/2024 18:49	227422
Magnesium	NELAP	0.0055	0.0500		72.5	mg/L	1	08/26/2024 18:49	227422
Potassium	NELAP	0.0400	0.100		1.36	mg/L	1	08/26/2024 18:49	227422
Sodium	NELAP	0.0180	0.0500		18.6	mg/L	1	08/26/2024 18:49	227422
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.012	0.025	J	0.015	mg/L	5	08/30/2024 10:45	227476
Manganese	NELAP	0.0008	0.0020		0.0177	mg/L	5	08/29/2024 14:58	227476
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 18:03	227422
Arsenic	NELAP	0.0004	0.0010	J	0.0008	mg/L	5	08/23/2024 18:03	227422
Barium	NELAP	0.0007	0.0010		0.0790	mg/L	5	08/23/2024 18:03	227422
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 18:03	227422
Boron	NELAP	0.0092	0.0250		0.142	mg/L	5	08/23/2024 18:03	227422
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 18:03	227422
Chromium	NELAP	0.0007	0.0015		0.0040	mg/L	5	08/23/2024 18:03	227422
Cobalt	*	0.0001	0.0010	J	0.0002	mg/L	5	08/23/2024 18:03	227422
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/23/2024 18:03	227422
Lithium	*	0.0015	0.0030	J	0.0024	mg/L	5	08/23/2024 18:03	227422
Molybdenum	NELAP	0.0006	0.0015	J	0.0009	mg/L	5	08/23/2024 18:03	227422
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/23/2024 18:03	227422
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/23/2024 18:03	227422

CCV recovered outside the upper control limits for TI. Sample results are below the reporting limit. Data is reportable per the TNI standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-026
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-35S
Collection Date: 08/21/2024 12:30

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	08/22/2024 15:56	227494



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-027
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: PZ-4A
Collection Date: 08/21/2024 11:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.03	ft	1	08/21/2024 11:23	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		4.1	NTU	1	08/21/2024 11:23	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		27	mV	1	08/21/2024 11:23	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1130	µS/cm	1	08/21/2024 11:23	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		20.3	°C	1	08/21/2024 11:23	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		4.32	mg/L	1	08/21/2024 11:23	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.57		1	08/21/2024 11:23	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		529	mg/L	1	08/22/2024 9:33	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 9:33	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		710	mg/L	1	08/23/2024 14:02	R352309
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.24	mg/L	10	08/22/2024 9:19	R352127
Chloride	*	1.00	5.00		17.6	mg/L	10	08/22/2024 9:19	R352127
Sulfate	*	0.33	10.0		113	mg/L	10	08/22/2024 9:19	R352127
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		142	mg/L	1	08/26/2024 18:59	227422
Magnesium	NELAP	0.0055	0.0500		77.6	mg/L	1	08/26/2024 18:59	227422
Potassium	NELAP	0.0400	0.100		0.246	mg/L	1	08/26/2024 18:59	227422
Sodium	NELAP	0.0180	0.0500		19.1	mg/L	1	08/26/2024 18:59	227422
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		0.0392	mg/L	5	08/30/2024 10:57	227476
Manganese	NELAP	0.0008	0.0020		0.0390	mg/L	5	08/29/2024 15:30	227476
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0009	mg/L	5	08/23/2024 18:54	227422
Arsenic	NELAP	0.0004	0.0010	J	0.0004	mg/L	5	08/23/2024 18:54	227422
Barium	NELAP	0.0007	0.0010		0.0557	mg/L	5	08/23/2024 18:54	227422
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 18:54	227422
Boron	NELAP	0.0092	0.0250		0.672	mg/L	5	08/23/2024 18:54	227422
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 18:54	227422
Chromium	NELAP	0.0007	0.0015	J	0.0014	mg/L	5	08/23/2024 18:54	227422
Cobalt	*	0.0001	0.0010	J	0.0001	mg/L	5	08/23/2024 18:54	227422
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/23/2024 18:54	227422
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	08/23/2024 18:54	227422
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	08/23/2024 18:54	227422
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/23/2024 18:54	227422
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/23/2024 18:54	227422

CCV recovered outside the upper control limits for TI. Sample results are below the reporting limit. Data is reportable per the TNI standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-027
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: PZ-4A
Collection Date: 08/21/2024 11:23

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	08/22/2024 15:59	227494



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-028
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: PZ-4C
Collection Date: 08/21/2024 10:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.09	ft	1	08/21/2024 10:54	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		96	NTU	1	08/21/2024 10:54	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-68	mV	1	08/21/2024 10:54	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		950	µS/cm	1	08/21/2024 10:54	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.6	°C	1	08/21/2024 10:54	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.94	mg/L	1	08/21/2024 10:54	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.83		1	08/21/2024 10:54	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		422	mg/L	1	08/22/2024 9:40	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 9:40	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		570	mg/L	2.5	08/23/2024 14:24	R352309
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.30	mg/L	10	08/22/2024 9:54	R352127
Chloride	*	1.00	5.00		34.2	mg/L	10	08/22/2024 9:54	R352127
Sulfate	*	0.33	10.0		65.3	mg/L	10	08/22/2024 9:54	R352127
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		131	mg/L	1	08/26/2024 19:00	227422
Magnesium	NELAP	0.0055	0.0500		50.2	mg/L	1	08/26/2024 19:00	227422
Potassium	NELAP	0.0400	0.100		2.79	mg/L	1	08/26/2024 19:00	227422
Sodium	NELAP	0.0180	0.0500		36.2	mg/L	1	08/26/2024 19:00	227422
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		1.78	mg/L	5	08/30/2024 10:51	227476
Manganese	NELAP	0.0008	0.0020		0.406	mg/L	5	08/29/2024 15:02	227476
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 19:00	227422
Arsenic	NELAP	0.0004	0.0010		0.0022	mg/L	5	08/23/2024 19:00	227422
Barium	NELAP	0.0007	0.0010		0.295	mg/L	5	08/23/2024 19:00	227422
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 19:00	227422
Boron	NELAP	0.0092	0.0250		1.37	mg/L	5	08/23/2024 19:00	227422
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 19:00	227422
Chromium	NELAP	0.0007	0.0015		0.0076	mg/L	5	08/23/2024 19:00	227422
Cobalt	*	0.0001	0.0010		0.0026	mg/L	5	08/26/2024 13:44	227422
Lead	NELAP	0.0006	0.0010		0.0040	mg/L	5	08/23/2024 19:00	227422
Lithium	*	0.0015	0.0030		0.0119	mg/L	5	08/23/2024 19:00	227422
Molybdenum	NELAP	0.0006	0.0015	J	0.0006	mg/L	5	08/23/2024 19:00	227422
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/23/2024 19:00	227422
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/23/2024 19:00	227422

CCV recovered outside the upper control limits for TI. Sample results are below the reporting limit. Data is reportable per the TNI standard.



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-028
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: PZ-4C
Collection Date: 08/21/2024 10:54

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	08/22/2024 16:01	227494



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-029
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: SG-02
Collection Date: 08/19/2024 12:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		19.73	ft	1	08/19/2024 12:17	R352267



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-030
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: XSG-01
Collection Date: 08/19/2024 10:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.12	ft	1	08/19/2024 10:10	R352267



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-031
Matrix: AQUEOUS

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: Field Blank
Collection Date: 08/21/2024 12:40

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		2	mg/L	1	08/22/2024 9:47	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 9:47	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		< 20	mg/L	1	08/23/2024 14:24	R352309
STANDARD METHODS 4500-NO₃ F (TOTAL) 2000, 2011									
Nitrogen, Nitrate (as N)	NELAP	0.009	0.050		< 0.050	mg/L	1	08/21/2024 16:22	R352134
SW-846 9012A (TOTAL)									
Cyanide	NELAP	0.001	0.005		< 0.005	mg/L	1	08/26/2024 13:17	227573
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50		ND	mg/L	10	08/22/2024 10:06	R352127
Chloride	*	1.00	5.00		ND	mg/L	10	08/22/2024 10:06	R352127
Sulfate	*	0.33	10.0		ND	mg/L	10	08/22/2024 10:06	R352127
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		< 0.100	mg/L	1	08/26/2024 19:02	227422
Magnesium	NELAP	0.0055	0.050	J	0.0076	mg/L	1	08/26/2024 19:02	227422
Potassium	NELAP	0.0400	0.100		< 0.100	mg/L	1	08/26/2024 19:02	227422
Sodium	NELAP	0.0180	0.0500		< 0.0500	mg/L	1	08/26/2024 19:02	227422
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		< 0.0250	mg/L	5	09/03/2024 14:03	227476
Manganese	NELAP	0.0008	0.0020		0.0057	mg/L	5	08/29/2024 15:07	227476
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 19:06	227422
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 19:06	227422
Barium	NELAP	0.0007	0.0010		< 0.0010	mg/L	5	08/23/2024 19:06	227422
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 19:06	227422
Boron	NELAP	0.0092	0.0250		< 0.0250	mg/L	5	08/23/2024 19:06	227422
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 19:06	227422
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/23/2024 19:06	227422
Cobalt	*	0.0001	0.0010		< 0.0010	mg/L	5	08/23/2024 19:06	227422
Copper	NELAP	0.0008	0.0010		< 0.0010	mg/L	5	08/23/2024 19:06	227422
Iron	NELAP	0.0115	0.0250		< 0.0250	mg/L	5	08/27/2024 9:19	227422
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/23/2024 19:06	227422
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	08/23/2024 19:06	227422
Manganese	NELAP	0.0008	0.0020		< 0.0020	mg/L	5	08/23/2024 19:06	227422
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	08/23/2024 19:06	227422
Nickel	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 19:06	227422
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/23/2024 19:06	227422
Silver	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 19:06	227422
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/23/2024 19:06	227422
Vanadium	NELAP	0.0028	0.0050		< 0.0050	mg/L	5	08/23/2024 19:06	227422
Zinc	NELAP	0.0059	0.0150		< 0.0150	mg/L	5	08/23/2024 19:06	227422
CCV recovered outside the upper control limits for TI. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/22/2024 16:03	227494



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-032
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-08 Duplicate
Collection Date: 08/20/2024 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.33	ft	1	08/20/2024 10:19	R352267
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.2	NTU	1	08/20/2024 10:19	R352267
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		119	mV	1	08/20/2024 10:19	R352267
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		763	µS/cm	1	08/20/2024 10:19	R352267
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.7	°C	1	08/20/2024 10:19	R352267
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.51	mg/L	1	08/20/2024 10:19	R352267
SW-846 9040B FIELD									
pH	*	0	1.00		6.41		1	08/20/2024 10:19	R352267
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		454	mg/L	1	08/22/2024 11:10	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 11:10	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		790	mg/L	1	08/21/2024 10:20	R352173
STANDARD METHODS 4500-NO₃ F (TOTAL) 2000, 2011									
Nitrogen, Nitrate (as N)	NELAP	0.009	0.050		< 0.050	mg/L	1	08/21/2024 13:41	R352134
SW-846 9012A (TOTAL)									
Cyanide	NELAP	0.001	0.005		< 0.005	mg/L	1	08/22/2024 15:55	227465
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50	J	0.12	mg/L	10	08/21/2024 13:38	R352071
Chloride	*	1.00	5.00		20.4	mg/L	10	08/21/2024 13:38	R352071
Sulfate	*	0.33	10.0		206	mg/L	10	08/21/2024 13:38	R352071
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		157	mg/L	1	08/26/2024 16:49	227390
Magnesium	NELAP	0.0055	0.0500		71.2	mg/L	1	08/26/2024 16:49	227390
Potassium	NELAP	0.0400	0.100		0.584	mg/L	1	08/22/2024 17:05	227390
Sodium	NELAP	0.0180	0.0500		28.0	mg/L	1	08/26/2024 16:49	227390
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		< 0.0250	mg/L	5	09/03/2024 15:42	227416
Manganese	NELAP	0.0038	0.0100	S	5.67	mg/L	25	08/30/2024 15:23	227416
<i>Matrix spike did not recover within control limits due to sample composition. Verified by re-prep and re-analysis.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/22/2024 14:27	227390
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/22/2024 14:27	227390
Barium	NELAP	0.0007	0.0010		0.0274	mg/L	5	08/22/2024 14:27	227390
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 14:27	227390
Boron	NELAP	0.0092	0.0250		0.952	mg/L	5	08/23/2024 13:52	227390
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	08/22/2024 14:27	227390
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	08/22/2024 14:27	227390
Cobalt	*	0.0001	0.0010		0.0014	mg/L	5	08/23/2024 13:52	227390



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-032
Matrix: GROUNDWATER

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: MW-08 Duplicate
Collection Date: 08/20/2024 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Copper	NELAP	0.0008	0.0010	J	0.0010	mg/L	5	08/22/2024 14:27	227390
Iron	NELAP	0.012	0.025	J	0.018	mg/L	5	08/22/2024 14:27	227390
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 14:27	227390
Lithium	*	0.0015	0.0030	J	0.0018	mg/L	5	08/22/2024 14:27	227390
Manganese	NELAP	0.0030	0.0080		5.92	mg/L	20	08/23/2024 12:22	227390
Molybdenum	NELAP	0.0006	0.0015	J	0.0007	mg/L	5	08/22/2024 14:27	227390
Nickel	NELAP	0.0004	0.0010		0.0019	mg/L	5	08/22/2024 14:27	227390
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/22/2024 14:27	227390
Silver	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 13:52	227390
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/22/2024 14:27	227390
Vanadium	NELAP	0.0028	0.0050		< 0.0050	mg/L	5	08/22/2024 14:27	227390
Zinc	NELAP	0.0059	0.0150		< 0.0150	mg/L	5	08/22/2024 14:27	227390
CCV recovered outside the upper control limits Be, Fe, Li, Pb, and Tl. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/22/2024 13:17	227423



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080169-033
Matrix: AQUEOUS

Work Order: 24080169
Report Date: 09-Sep-24
Client Sample ID: Equipment Blank
Collection Date: 08/21/2024 12:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		1	mg/L	1	08/22/2024 9:51	R352182
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	08/22/2024 9:51	R352182
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		< 20	mg/L	1	08/26/2024 19:04	R352374
STANDARD METHODS 4500-NO₃ F (TOTAL) 2000, 2011									
Nitrogen, Nitrate (as N)	NELAP	0.009	0.050	J	0.021	mg/L	1	08/22/2024 14:18	R352194
SW-846 9012A (TOTAL)									
Cyanide	NELAP	0.001	0.005		< 0.005	mg/L	1	08/26/2024 13:22	227573
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	*	0.03	0.50		ND	mg/L	10	08/22/2024 10:17	R352127
Chloride	*	1.00	5.00		ND	mg/L	10	08/22/2024 10:17	R352127
Sulfate	*	0.33	10.0		ND	mg/L	10	08/22/2024 10:17	R352127
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.10	J	0.081	mg/L	1	08/26/2024 19:03	227422
Magnesium	NELAP	0.0055	0.050	J	0.028	mg/L	1	08/26/2024 19:03	227422
Potassium	NELAP	0.0400	0.100		< 0.100	mg/L	1	08/26/2024 19:03	227422
Sodium	NELAP	0.0180	0.0500		0.0826	mg/L	1	08/26/2024 19:03	227422
SW-846 3005A, 6020A, METALS BY ICPMS (DISSOLVED)									
Iron	NELAP	0.0115	0.0250		< 0.0250	mg/L	5	09/03/2024 14:52	227476
Manganese	NELAP	0.0008	0.0020	J	0.0009	mg/L	5	08/29/2024 15:12	227476
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0006	mg/L	5	08/23/2024 19:17	227422
Arsenic	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 19:17	227422
Barium	NELAP	0.0007	0.0010		< 0.0010	mg/L	5	09/04/2024 13:03	227920
Beryllium	NELAP	0.0002	0.0010		< 0.0010	mg/L	5	08/23/2024 19:17	227422
Boron	NELAP	0.0092	0.0250		< 0.0250	mg/L	5	08/23/2024 19:17	227422
Cadmium	*	0.0002	0.0010		< 0.0010	mg/L	5	09/04/2024 13:03	227920
Chromium	NELAP	0.0007	0.0015		< 0.0015	mg/L	5	09/04/2024 13:03	227920
Cobalt	*	0.0001	0.0010	J	0.0001	mg/L	5	09/04/2024 13:03	227920
Copper	NELAP	0.0008	0.0010		0.0015	mg/L	5	09/05/2024 8:14	227920
Iron	NELAP	0.0115	0.0250		< 0.0250	mg/L	5	09/05/2024 8:14	227920
Lead	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	09/05/2024 8:14	227920
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	08/23/2024 19:17	227422
Manganese	NELAP	0.0008	0.0020		< 0.0020	mg/L	5	09/04/2024 13:03	227920
Molybdenum	NELAP	0.0006	0.0015		< 0.0015	mg/L	5	08/23/2024 19:17	227422
Nickel	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	09/04/2024 13:03	227920
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	08/23/2024 19:17	227422
Silver	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	08/23/2024 19:17	227422
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	08/23/2024 19:17	227422
Vanadium	NELAP	0.0028	0.0050		< 0.0050	mg/L	5	08/23/2024 19:17	227422
Zinc	NELAP	0.0059	0.0150		< 0.0150	mg/L	5	09/04/2024 13:03	227920
CCV recovered outside the upper control limits for TI. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	08/22/2024 16:06	227494



Sample Summary

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

Client: Ramboll
Client Project: KIN-24Q3

Work Order: 24080169
Report Date: 09-Sep-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24080169-001	MW-01	Groundwater	4	08/19/2024 10:26
24080169-002	MW-02	Groundwater	4	08/19/2024 10:29
24080169-003	MW-03	Groundwater	4	08/19/2024 11:32
24080169-004	MW-04	Groundwater	3	08/19/2024 12:21
24080169-005	MW-05	Groundwater	4	08/19/2024 13:26
24080169-006	MW-06	Groundwater	4	08/20/2024 11:14
24080169-007	MW-07	Groundwater	4	08/20/2024 9:48
24080169-008	MW-07S	Groundwater	3	08/20/2024 10:11
24080169-009	MW-08	Groundwater	4	08/20/2024 10:19
24080169-010	MW-08S	Groundwater	3	08/20/2024 0:00
24080169-011	MW-09	Groundwater	3	08/19/2024 12:37
24080169-012	MW-10	Groundwater	3	08/19/2024 11:43
24080169-013	MW-11	Groundwater	4	08/20/2024 10:57
24080169-014	MW-12	Groundwater	4	08/20/2024 12:56
24080169-015	MW-20	Groundwater	3	08/21/2024 11:18
24080169-016	MW-20S	Groundwater	3	08/20/2024 11:47
24080169-017	MW-23	Groundwater	3	08/21/2024 10:19
24080169-018	MW-27	Groundwater	3	08/21/2024 10:25
24080169-019	MW-28	Groundwater	3	08/20/2024 12:02
24080169-020	MW-30	Groundwater	3	08/20/2024 10:09
24080169-021	MW-31	Groundwater	3	08/21/2024 12:17
24080169-022	MW-31S	Groundwater	3	08/21/2024 10:01
24080169-023	MW-32	Groundwater	3	08/20/2024 12:48
24080169-024	MW-33S	Groundwater	3	08/21/2024 11:26
24080169-025	MW-34S	Groundwater	3	08/20/2024 11:56
24080169-026	MW-35S	Groundwater	3	08/21/2024 12:30
24080169-027	PZ-4A	Groundwater	3	08/21/2024 11:23
24080169-028	PZ-4C	Groundwater	3	08/21/2024 10:54
24080169-029	SG-02	Groundwater	1	08/19/2024 12:17
24080169-030	XSG-01	Groundwater	1	08/19/2024 10:10
24080169-031	Field Blank	Aqueous	4	08/21/2024 12:40
24080169-032	MW-08 Duplicate	Groundwater	4	08/20/2024 10:19
24080169-033	Equipment Blank	Aqueous	4	08/21/2024 12:45



Quality Control Results

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

Client: Ramboll
Client Project: KIN-24Q3

Work Order: 24080169
Report Date: 09-Sep-24

STANDARD METHODS 2510 B FIELD

Batch R352267		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-1-BG											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	100.1	90	110	08/19/2024	

Batch R352267		SampType: LCS		Units μS/cm							
SampID: LCS-1-JC											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Spec. Conductance, Field	*	0		1410	1412	0	99.6	90	110	08/19/2024	

Batch R352267		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		1420	1412	0	100.8	90	110	08/20/2024

Batch R352267		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-2-BG											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Spec. Conductance, Field	*	0		1410	1412	0	100.1	90	110	08/20/2024	

Batch R352267		SampType: LCS		Units μS/cm							
SampID: LCS-2-JC											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Spec. Conductance, Field	*	0		1410	1412	0	99.9	90	110	08/20/2024	

Batch R352267		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-2-TC											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	100.1	90	110	08/21/2024	

Batch R352267		SampType: LCS		Units μS/cm							
SampID: LCS-3-BG											
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	08/21/2024	

Batch R352267		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-3-JC											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field		*	0		1410	1412	0	99.6	90	110	08/21/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

SW-846 9040B FIELD

Batch R352267		SampType: LCS		Units							
SampID: LCS-1-BG											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
pH	*	1.00		7.01	7.000	0	100.1	98.57	101.4	08/19/2024	

Batch R352267		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	08/19/2024	

Batch R352267		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		7.06	7.000	0	100.9	98.57	101.4	08/20/2024	

Batch R352267		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	08/20/2024	

Batch R352267		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		7.01	7.000	0	100.1	98.57	101.4	08/20/2024	

Batch R352267		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		7.03	7.000	0	100.4	98.57	101.4	08/21/2024	

Batch R352267		SampType: LCS		Units							
SampID: LCS-3-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.00	7.000	0	100.0	98.57	101.4	08/21/2024	

Batch R352267		SampType: LCS		Units							
SampID: LCS-3-JC											
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	08/21/2024	



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Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R352109		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	08/20/2024

Batch R352109		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids			20		998	1000	0	99.8	90	110	08/20/2024

Batch R352109		SampType: DUP		Units mg/L					RPD Limit 10		
SampID: 24080169-002ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		524				518.0	1.15	08/20/2024

Batch R352173		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK											
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	08/21/2024	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	08/21/2024	

Batch R352173 SampID: LCS	SampType: LCS	Units mg/L								
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Total Dissolved Solids		20		986	1000	0	98.6	90	110	08/21/2024
Total Dissolved Solids		20		984	1000	0	98.4	90	110	08/21/2024

Batch R352173		SampType: DUP		Units mg/L					RPD Limit 10		
SampID: 24071451-100ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20	H	1440				1394	3.11	08/21/2024

Batch R352173		SampType: DUP		Units mg/L					RPD Limit 10		
SampID: 24071451-102ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20	H	706				706.0	0.00	08/21/2024



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Batch R352173		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 24081724-002ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		430				422.0	1.88	08/21/2024

Batch R352309		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	08/23/2024
Total Dissolved Solids			20		< 20	16.00	0	0	-100	100	08/23/2024

Batch R352309		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		978	1000	0	97.8	90	110	08/23/2024
Total Dissolved Solids			20		964	1000	0	96.4	90	110	08/23/2024

Batch R352309		SampType: DUP		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 24080169-026ADUP												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Total Dissolved Solids		20		764				774.0	1.30			
08/23/2024												

Batch R352309		SampType: DUP		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 24081888-001ADUP												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids			20		1070				1104	2.94		
08/23/2024												

Batch R352374		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	08/26/2024
Total Dissolved Solids			20		< 20	16.00	0	0	-100	100	08/26/2024

Batch R352374		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		996	1000	0	99.6	90	110	08/26/2024
Total Dissolved Solids			20		934	1000	0	93.4	90	110	08/26/2024



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Batch R352374		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 24081839-003ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			50		395				435.0	9.64	08/26/2024

Batch R352374		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 24081865-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		2560				2514	1.89	08/26/2024

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

Batch	R351946	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	J	0.01	0.0250	0	24.0	-100	100	08/19/2024	
Nitrogen, Nitrite (as N)		0.05	J	0.01	0.0250	0	24.0	-100	100	08/19/2024	

Batch	R351946	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		0.31	0.3045	0	103.1	90	110	08/19/2024	
Nitrogen, Nitrite (as N)		0.05		0.31	0.3045	0	102.5	90	110	08/19/2024	

Batch R351946		SampType: MS		Units mg/L							
SampID: 24080169-001AMS											Date
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Nitrogen, Nitrite (as N)			0.05		0.49	0.5000	0.006000	97.0	85	115	08/19/2024

Batch R351946		SampType:	MSD		Units mg/L			RPD Limit 10			Date Analyzed	
SampID: 24080169-001AMSD												
Analyses			Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Nitrite (as N)				0.05		0.50	0.5000	0.006000	97.8	0.4910	0.81	08/19/2024

Batch R351946		SampType: MS		Units mg/L							
SampID: 24081553-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.55	0.5000	0.05500	99.4	85	115	08/19/2024	



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Batch R351946		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 24081553-001AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Nitrogen, Nitrite (as N)		0.05		0.55	0.5000	0.05500	99.4	0.5520	0.00	08/19/2024		

Batch R351946		SampType: MS		Units mg/L							
SampID: 24081568-002AMS											
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	0.01800	94.8	85	115	08/19/2024	

Batch R351946		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24081568-002AMSD											
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	0.01800	93.8	0.4920	1.02	08/19/2024

Batch R352055		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	J	0.01	0.0250	0	24.0	-100	100	08/20/2024
Nitrogen, Nitrite (as N)			0.05	J	0.01	0.0250	0	24.0	-100	100	08/20/2024

Batch R352055		SampType: LCS		Units mg/L							
SampID: LCS											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Nitrogen, Nitrite (as N)			0.05		0.31	0.3045	0	100.5	90	110	08/20/2024
Nitrogen, Nitrite (as N)			0.05		0.31	0.3045	0	100.8	90	110	08/20/2024

Batch R352055		SampType: MS		Units mg/L							
SampID: 24080169-006AMS											
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	0.008000	101.2	85	115	08/20/2024

Batch R352055		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24080169-006AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.52	0.5000	0.008000	101.8	0.5140	0.58	08/20/2024



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Client Project: KIN-24Q3

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Batch R352055		SampType: MS		Units mg/L						
SampID: 24081666-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.56	0.5000	0.05900	100.8	85	115	08/20/2024

Batch R352055		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24081666-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.56	0.5000	0.05900	100.6	0.5630	0.18	08/20/2024

Batch R352055		SampType: MS		Units mg/L							
SampID: 24081724-002AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	100.2	85	115	08/20/2024	

Batch R352055		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 24081724-002AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	100.0	0.5010	0.20	08/20/2024	

Batch R352101		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	J	0.01	0.0250	0	24.0	-100	100	08/21/2024
Nitrogen, Nitrite (as N)			0.05	J	0.01	0.0250	0	24.0	-100	100	08/21/2024

Batch R352101		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		0.30	0.3045	0	99.5	90	110	08/21/2024	
Nitrogen, Nitrite (as N)		0.05		0.31	0.3045	0	101.5	90	110	08/21/2024	

Batch R352101		SampType: MS		Units mg/L							
SampID: 24080169-031AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0.006000	98.6	85	115	08/21/2024	



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Batch R352101		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24080169-031AMSD											
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	0.006000	98.2	0.4990	0.40	08/21/2024

Batch R352101		SampType: MS		Units mg/L							
SampID: 24081731-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.48	0.5000	0.007000	94.8	85	115	08/21/2024	

Batch R352101		SampType:	MSD		Units mg/L			RPD Limit 10				
SampID: 24081731-001AMSD												
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	0.007000	94.2	0.4810	0.63	08/21/2024

Batch R352101		SampType: MS		Units mg/L							
SampID: 24081733-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.48	0.5000	0.006000	95.8	85	115	08/21/2024	

Batch R352101		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24081733-001BMSD											
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	0.006000	95.2	0.4850	0.62	08/21/2024

Batch R352101		SampType: MS		Units mg/L							
SampID: 24081733-011BMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.48	0.5000	0.006000	95.8	85	115	08/21/2024

Batch R352101		SampType: MSD	Units mg/L					RPD Limit 10			
SampID: 24081733-011BMSD											
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	0.006000	94.4	0.4850	1.45	08/21/2024

Batch R352101		SampType: MS		Units mg/L							
SampID: 24081796-001AMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.47	0.5000	0.01400	91.0	85	115	08/21/2024



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Batch R352101		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24081796-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.46	0.5000	0.01400	90.2	0.4690	0.86	08/21/2024

Batch R352101		SampType: MS		Units mg/L							
SampID: 24081839-001AMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.50	0.5000	0.006000	98.6	85	115	08/21/2024

Batch R352101		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24081839-001AMSD											
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	0.006000	97.6	0.4990	1.01	08/21/2024

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Batch	R352067	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						08/20/2024	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	08/20/2024	

Batch R352067		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		0.522	0.5000	0	104.4	90	110	08/20/2024

Batch R352067		SampType: MS		Units mg/L							
SampID: 24081352-002CMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.500		5.02	2.500	2.495	101.1	90	110	08/20/2024

Batch R352067		SampType:	MSD		Units mg/L				RPD Limit 10			
SampID: 24081352-002CMSD												
Analyses			Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)				0.500		4.94	2.500	2.495	97.6	5.023	1.77	08/20/2024



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Batch R352067		SampType: MS		Units mg/L						
SampID: 24081469-002BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		18.2	5.000	13.65	91.8	90	110	08/20/2024

Batch R352067		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 24081469-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Nitrate-Nitrite (as N)			1.00		18.9	5.000	13.65	104.4	18.24	3.37	08/20/2024

Batch R352067		SampType: MS		Units mg/L							
SampID: 24081540-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		2.50		32.0	12.50	19.19	102.4	90	110	08/20/2024	

Batch R352067		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 24081540-001CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)		2.50		31.9	12.50	19.19	101.7	31.98	0.26	08/20/2024	

Batch R352067		SampType: MS		Units mg/L							
SampID: 24081624-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.290	0.2500	0.04200	99.2	90	110	08/20/2024	

Batch R352067		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24081624-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.297	0.2500	0.04200	102.0	0.2900	2.39	08/20/2024

Batch R352134		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						08/21/2024
Nitrogen, Nitrate-Nitrite (as N)			0.050		< 0.050	0.0090	0	0	-100	100	08/21/2024



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Report Date: 09-Sep-24

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Batch R352134		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		0.505	0.5000	0	101.0	90	110	08/21/2024

Batch R352134		SampType: MS		Units mg/Kg-dry							
SampID: 24081186-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		13.8		88.6	68.76	26.40	90.5	90	110	08/21/2024	

Batch R352134		SampType: MSD		Units mg/Kg-dry					RPD Limit 10		
SampID: 24081186-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			13.8	S	87.4	68.76	26.40	88.8	88.65	1.37	08/21/2024

Batch R352134		SampType: MS		Units mg/L						
SampID: 24081724-005AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.233	0.2500	0	93.2	85	115	08/21/2024

Batch R352134		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24081724-005AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.249	0.2500	0	99.6	0.2330	6.64	08/21/2024

Batch R352134		SampType: MS		Units mg/L							
SampID: 24081731-001AMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			2.50		38.1	12.50	25.58	100.5	90	110	08/21/2024

Batch R352134		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24081731-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			2.50		38.3	12.50	25.58	101.9	38.15	0.46	08/21/2024

Batch R352134		SampType: MS		Units mg/L							
SampID: 24081733-001BMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.216	0.2500	0	86.4	85	115	08/21/2024



Quality Control Results

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Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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

Batch R352134		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24081733-001BMSD											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Nitrate-Nitrite (as N)			0.050	S	0.211	0.2500	0	84.4	0.2160	2.34	08/21/2024

Batch R352134		SampType: MS		Units mg/L							
SampID: 24081733-012BMS											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.265	0.2500	0.02200	97.2	85	115	08/21/2024

Batch	R352134	SampType:	MSD	Units						mg/L		RPD Limit		10
SampID: 24081733-012BMSD														
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed				
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.243	0.2500	0.02200	88.4	0.2650	8.66	08/21/2024				

Batch	R352134	SampType:	DUP	Units					mg/L			RPD Limit		0
SampID: 24081662-001ADUP														
Analyses			Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			Date Analyzed
Nitrogen, Nitrate (as N)				2.50		< 2.50				0	0.00			08/21/2024
Nitrogen, Nitrate-Nitrite (as N)				2.50		28.5				28.16	1.15			08/21/2024

Batch	R352194	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						08/22/2024		
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	08/22/2024		

Batch R352194		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		0.521	0.5000	0	104.2	90	110	08/22/2024

Batch R352194		SampType: MS		Units mg/L							
SampID: 24081730-001HMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			2.50		37.5	12.50	24.60	103.3	90	110	08/22/2024



Quality Control Results

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Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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

Batch R352194		SampType: MSD		Units mg/L					RPD Limit 10			
SampID: 24081730-001HMSD											Date Analyzed	
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)			2.50			37.8	12.50	24.60	105.3	37.52	0.65	08/22/2024

Batch R352194		SampType: MS		Units mg/L							
SampID: 24081839-001AMS											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.223	0.2500	0	89.2	85	115	
											08/22/2024

Batch R352194		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 24081839-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.213	0.2500	0	85.2	0.2230	4.59	08/22/2024

Batch R352194		SampType: MS		Units mg/L							
SampID: 24081854-001BMS											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.470	0.2500	0.2280	96.8	85	115	
											08/22/2024

Batch R352194		SampType: MSD		Units mg/L					RPD Limit 10		Date Analyzed	
SampID: 24081854-001BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.469	0.2500	0.2280	96.4	0.4700	0.21	08/22/2024	

Batch R352194		SampType: MS		Units mg/L							
SampID: 24081870-001AMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.618	0.2500	0.3780	96.0	90	110	08/22/2024

Batch	R352194	SampType:	MSD	Units					mg/L			RPD Limit	10
SampID: 24081870-001AMSD													
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.617	0.2500	0.3780	95.6	0.6180	0.16	08/22/2024		

Batch R352194		SampType: MS		Units mg/L							
SampID: 24081920-003BMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.377	0.2500	0.1450	92.8	85	115	08/22/2024



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Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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

Batch R352194		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 24081920-003BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.382	0.2500	0.1450	94.8	0.3770	1.32	08/22/2024

Batch R352194		SampType: MS		Units mg/L							
SampID: 24081949-001AMS											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Nitrogen, Nitrate-Nitrite (as N)			0.050	S	0.216	0.2500	0.009000	82.8	85	115	08/22/2024

Batch	R352194	SampType:	MSD	Units				mg/L	RPD Limit			10
SampID: 24081949-001AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.222	0.2500	0.009000	85.2	0.2160	2.74	08/22/2024		

SW-846 9012A (TOTAL)

Batch 227393		SampType: MBLK		Units mg/L							
SampID: MBLK 240820 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	08/22/2024

Batch 227393		SampType: LCS		Units mg/L							
SampID: LCS 240820 TCN1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.025	0.0250	0	101.4	90	110	08/22/2024	

Batch 227393		SampType: MS		Units mg/L							
SampID: 24081349-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.025		0.122	0.1250	0	97.5	90	110	08/22/2024	

Batch 227393		SampType:	MSD		Units mg/L				RPD Limit 15		
SampID: 24081349-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide			0.025		0.123	0.1250	0	98.5	0.1218	1.02	08/22/2024



Quality Control Results

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Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

SW-846 9012A (TOTAL)

Batch 227393		SampType: MS		Units mg/L						
SampID: 24081364-001BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005	S	0.030	0.0250	0.008085	88.0	90	110	08/22/2024

Batch 227393		SampType: MSD		Units mg/L				RPD Limit 15				Date Analyzed
SampID: 24081364-001BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide			0.005	S	0.028	0.0250	0.008085	81.4	0.03008	5.66	08/22/2024	

Batch 227465		SampType: MBLK		Units mg/L							
SampID: MBLK 240821 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	08/22/2024	

Batch 227465		SampType: LCS		Units mg/L							
SampID: LCS 240821 TCN1											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Cyanide		0.005		0.027	0.0250	0	106.8	90	110	08/22/2024	

Batch 227465		SampType: MS		Units mg/L						
SampID: 24081569-001CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.025		0.127	0.1250	0	101.4	90	110	08/22/2024

Batch 227465		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24081569-001CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide		0.025		0.127	0.1250	0	101.7	0.1267	0.32	08/22/2024	

Batch 227465		SampType: MS		Units mg/L							
SampID: 24081733-001EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.025	0.0250	0	101.7	75	125	08/22/2024	

Batch 227465		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24081733-001EMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide		0.005		0.026	0.0250	0	102.1	0.02542	0.47	08/22/2024	



Quality Control Results

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Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

SW-846 9012A (TOTAL)

Batch 227573		SampType: MBLK		Units mg/L							
SampID: MBLK 240823 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	08/26/2024	

Batch 227573		SampType: LCS		Units mg/L							
SampID: LCS 240823 TCN1											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005		0.025	0.0250	0	100.5	90	110	08/26/2024	

Batch 227573		SampType: MS		Units mg/L							
SampID: 24081879-001DMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005		0.025	0.0250	0	99.2	75	125	08/26/2024	

Batch 227573		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24081879-001DMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide		0.005		0.025	0.0250	0	100.6	0.02480	1.46	08/26/2024	

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R351979		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						08/20/2024	
Chloride		0.50		ND						08/20/2024	
Sulfate		1.00		ND						08/20/2024	

Batch R351979		SampType: LCS		Units mg/L							
SampID: LCS/ICV/QCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.05		1.01	1.000	0	100.7	90	110	08/20/2024	
Chloride		0.50		20.5	20.00	0	102.4	90	110	08/20/2024	
Sulfate		1.00		18.6	20.00	0	92.9	90	110	08/20/2024	



Quality Control Results

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Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R351979		SampType: MS		Units mg/L						
SampID: 24080169-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride	*	0.50		10.3	10.00	0.1190	101.4	80	120	08/20/2024
Chloride	*	5.00		221	200.0	14.12	103.5	80	120	08/20/2024
Sulfate	*	10.0		279	200.0	87.77	95.5	80	120	08/20/2024

Batch R351979		SampType: MSD	Units mg/L					RPD Limit 15			
SampID: 24080169-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		*	0.50		10.3	10.00	0.1190	101.5	10.25	0.19	08/20/2024
Chloride		*	5.00		222	200.0	14.12	103.8	221.0	0.26	08/20/2024
Sulfate		*	10.0		279	200.0	87.77	95.5	278.7	0.03	08/20/2024

Batch R352071		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						08/21/2024	
Chloride		0.50		ND						08/21/2024	
Sulfate		1.00		ND						08/21/2024	

Batch R352071		SampType: LCS		Units mg/L							
SampID: LCS/ICV/QCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.05		1.01	1.000	0	101.3	90	110	08/21/2024	
Chloride		0.50		20.6	20.00	0	103.2	90	110	08/21/2024	
Sulfate		1.00		19.0	20.00	0	95.2	90	110	08/21/2024	

Batch R352071		SampType: MS		Units mg/L						
SampID: 24080169-006AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride	*	0.50		10.3	10.00	0.1180	101.6	80	120	08/21/2024
Chloride	*	5.00		209	200.0	3.288	103.1	80	120	08/21/2024
Sulfate	*	10.0		340	200.0	141.3	99.4	80	120	08/21/2024



Quality Control Results

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Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R352071		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 24080169-006AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride	*	0.50		10.4	10.00	0.1180	102.4	10.28	0.78		
Chloride	*	5.00		211	200.0	3.288	104.0	209.4	0.89		
Sulfate	*	10.0		338	200.0	141.3	98.5	340.0	0.51		

Batch R352071		SampType: MS		Units mg/L						
SampID: 24080169-007AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride	*	0.50		10.4	10.00	0.1940	102.0	80	120	08/21/2024
Chloride	*	5.00		214	200.0	6.501	103.9	80	120	08/21/2024
Sulfate	*	10.0		549	200.0	346.9	101.2	80	120	08/21/2024

Batch R352071		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 24080169-007AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride	*	0.50		10.4	10.00	0.1940	102.2	10.39	0.22		
Chloride	*	5.00		214	200.0	6.501	104.0	214.3	0.08		
Sulfate	*	10.0		548	200.0	346.9	100.4	549.3	0.28		

Batch R352127		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						08/22/2024	
Chloride		0.50		ND						08/22/2024	
Sulfate		1.00		ND						08/22/2024	

Batch R352127		SampType: LCS		Units mg/L						
SampID: LCS/ICV/QCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		1.00	1.000	0	99.8	90	110	08/22/2024
Chloride		0.50		20.6	20.00	0	103.1	90	110	08/22/2024
Sulfate		1.00		19.0	20.00	0	94.8	90	110	08/22/2024



Quality Control Results

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Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R352127		SampType: MS		Units mg/L							
SampID: 24080169-024AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride	*	0.50		10.2	10.00	0.1410	100.4	80	120	08/22/2024	
Chloride	*	5.00		233	200.0	24.71	104.2	80	120	08/22/2024	
Sulfate	*	10.0		365	200.0	168.9	98.2	80	120	08/22/2024	

Batch R352127		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24080169-024AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		*	0.50		10.2	10.00	0.1410	100.7	10.18	0.25	08/22/2024
Chloride		*	5.00		233	200.0	24.71	104.3	233.1	0.04	08/22/2024
Sulfate		*	10.0		365	200.0	168.9	98.1	365.4	0.06	08/22/2024

Batch R352127		SampType: MS		Units mg/L						
SampID: 24080169-027AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride	*	0.50		10.2	10.00	0.2410	100.0	80	120	08/22/2024
Chloride	*	5.00		224	200.0	17.65	103.1	80	120	08/22/2024
Sulfate	*	10.0		306	200.0	113.3	96.5	80	120	08/22/2024

Batch R352127		SampType: MSD	Units mg/L						RPD Limit 15		Date Analyzed
SampID: 24080169-027AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride	*	0.50		10.3	10.00	0.2410	100.5	10.24	0.50	08/22/2024	
Chloride	*	5.00		224	200.0	17.65	103.4	223.9	0.18	08/22/2024	
Sulfate	*	10.0		306	200.0	113.3	96.2	306.2	0.20	08/22/2024	

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

Batch 227380		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-227380											
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	08/21/2024	
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	08/21/2024	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	08/21/2024	
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	08/21/2024	



Quality Control Results

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Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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

Batch 227380 SampType: LCS Units mg/L

SampleID: LCS-227380

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		2.60	2.500	0	104.1	85	115	08/21/2024
Magnesium		0.0500		2.45	2.500	0	98.1	85	115	08/21/2024
Potassium		0.100		2.69	2.500	0	107.6	85	115	08/21/2024
Sodium		0.0500		2.64	2.500	0	105.7	85	115	08/21/2024

Batch 227380 SampType: MS Units mg/L

SampleID: 24080169-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	174	2.500	172.8	37.2	75	125	08/21/2024
Magnesium		0.0500		89.6	2.500	87.51	82.0	75	125	08/21/2024
Potassium		0.100		3.91	2.500	1.330	103.3	75	125	08/21/2024
Sodium		0.0500		27.7	2.500	25.79	76.4	75	125	08/21/2024

Batch 227380 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 24080169-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		175	2.500	172.8	92.4	173.7	0.79	08/21/2024
Magnesium		0.0500		90.3	2.500	87.51	113.0	89.56	0.86	08/21/2024
Potassium		0.100		3.91	2.500	1.330	103.1	3.912	0.10	08/21/2024
Sodium		0.0500		27.8	2.500	25.79	81.6	27.70	0.47	08/21/2024

Batch 227380 SampType: MS Units mg/L

SampleID: 24081597-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	234	2.500	233.0	23.6	75	125	08/21/2024
Magnesium		0.0500		93.8	2.500	91.70	83.9	75	125	08/21/2024

Batch 227380 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 24081597-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	244	2.500	233.0	444.0	233.6	4.40	08/21/2024
Magnesium		0.0500	S	97.8	2.500	91.70	243.4	93.80	4.16	08/21/2024



Quality Control Results

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Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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

Batch 227390 SampType: MBLK Units mg/L

SampID: MBLK-227390

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	08/21/2024
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	08/22/2024
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	08/22/2024
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	08/21/2024
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	08/22/2024
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	08/21/2024
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	08/22/2024

Batch 227390 SampType: LCS Units mg/L

SampID: LCS-227390

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		2.71	2.500	0	108.5	85	115	08/22/2024
Calcium		0.100		2.56	2.500	0	102.5	85	115	08/21/2024
Magnesium		0.0500		2.43	2.500	0	97.3	85	115	08/22/2024
Potassium		0.100		2.71	2.500	0	108.2	85	115	08/21/2024
Potassium		0.100		2.68	2.500	0	107.0	85	115	08/22/2024
Sodium		0.0500		2.67	2.500	0	106.9	85	115	08/21/2024
Sodium		0.0500		2.66	2.500	0	106.2	85	115	08/22/2024

Batch 227422 SampType: MBLK Units mg/L

SampID: MBLK-227422

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	08/26/2024
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	08/26/2024
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	08/26/2024
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	08/26/2024
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	08/26/2024
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	08/26/2024



Quality Control Results

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Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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

Batch 227422		SampType: LCS		Units mg/L						
SampID: LCS-227422										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		2.74	2.500	0	109.5	85	115	08/26/2024
Iron		0.0400		2.16	2.000	0	108.0	85	115	08/26/2024
Magnesium		0.0500		2.47	2.500	0	98.6	85	115	08/26/2024
Manganese		0.0070		0.522	0.5000	0	104.4	85	115	08/26/2024
Potassium		0.100		2.82	2.500	0	112.6	85	115	08/26/2024
Sodium		0.0500		2.70	2.500	0	108.1	85	115	08/26/2024

Batch 227422		SampType: MS		Units mg/L						
SampID: 24080169-015BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		140	2.500	136.6	122.8	75	125	08/26/2024
Magnesium		0.0500		70.9	2.500	68.10	111.6	75	125	08/26/2024
Potassium		0.100		3.85	2.500	1.108	109.8	75	125	08/26/2024
Sodium		0.0500	S	25.2	2.500	23.67	59.2	75	125	08/26/2024

Batch 227422		SampType: MSD	Units mg/L					RPD Limit 20		
SampID: 24080169-015BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	141	2.500	136.6	175.2	139.6	0.93	08/26/2024
Magnesium		0.0500	S	71.5	2.500	68.10	137.6	70.89	0.91	08/26/2024
Potassium		0.100		3.87	2.500	1.108	110.6	3.852	0.51	08/26/2024
Sodium		0.0500	S	25.4	2.500	23.67	69.2	25.15	0.99	08/26/2024

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

Batch 227396		SampType: MBLK		Units mg/L						
SampID: MBLK-227396										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	08/30/2024
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	08/29/2024

Batch 227396		SampType: LCS		Units mg/L						
SampID: LCS-227396										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.0250		1.73	2.000	0	86.3	80	120	08/30/2024
Manganese		0.0020		0.450	0.5000	0	89.9	80	120	08/30/2024



Quality Control Results

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Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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

Batch 227396		SampType: MS		Units mg/L							
SampID: 24080169-003CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Iron		0.0250		1.72	2.000	0	85.8	75	125	09/03/2024	
Manganese		0.0020		0.456	0.5000	0.04739	81.7	75	125	08/30/2024	

Batch 227396		SampType: MSD		Units mg/L					RPD Limit 20		
SampID: 24080169-003CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron			0.0250		1.77	2.000	0	88.4	1.716	3.02	09/03/2024
Manganese			0.0020		0.479	0.5000	0.04739	86.3	0.4561	4.88	08/30/2024

Batch 227416		SampType: MBLK		Units mg/L							
SampID: MBLK-227416											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron			0.0250		< 0.0250	0.0115	0	0	-100	100	08/29/2024
Manganese			0.0020		< 0.0020	0.0008	0	0	-100	100	08/29/2024

Batch 227416		SampType: LCS		Units mg/L							
SampID: LCS-227416											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Iron		0.0250		1.91	2.000	0	95.6	80	120	08/29/2024	
Manganese		0.0020		0.502	0.5000	0	100.3	80	120	08/29/2024	

Batch 227416		SampType: MS		Units mg/L						
SampID: 24080169-020CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		0.100	S	8.90	2.000	6.250	132.7	75	125	09/03/2024
Manganese		0.0080	S	3.05	0.5000	4.005	-191.0	75	125	08/30/2024

Batch 227416		SampType: MSD		Units mg/L				RPD Limit 20				
SampID: 24080169-020CMSD												Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Iron			0.100	S	8.88	2.000	6.250	131.4	8.905	0.29	09/03/2024	
Manganese			0.0080	S	2.94	0.5000	4.005	-213.0	3.050	3.68	08/30/2024	



Quality Control Results

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Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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

Batch 227416		SampType: MS		Units mg/L							
SampID: 24080169-032CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Iron		0.0250		1.83	2.000	0	91.6	75	125	09/03/2024	
Manganese		0.0100	S	5.99	0.5000	5.667	64.8	75	125	08/30/2024	

Batch 227416		SampType: MSD		Units mg/L					RPD Limit 20		
SampID: 24080169-032CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron			0.0250		1.81	2.000	0	90.7	1.833	1.03	09/03/2024
Manganese			0.0100		6.06	0.5000	5.667	78.5	5.992	1.14	08/30/2024

Batch 227476		SampType: MBLK		Units mg/L							
SampID: MBLK-227476											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	08/29/2024	
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	08/29/2024	

Batch 227476		SampType: LCS		Units mg/L							
SampID: LCS-227476											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Iron		0.0250		1.88	2.000	0	93.8	80	120	08/29/2024	
Manganese		0.0020		0.471	0.5000	0	94.2	80	120	08/29/2024	

Batch 227476		SampType: MS		Units mg/L							
SampID: 24080169-021CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Iron		0.0250		6.30	2.000	4.607	84.4	75	125	09/03/2024	
Manganese		0.0020		1.01	0.5000	0.4502	111.0	75	125	08/29/2024	

Batch 227476		SampType:	MSD	Units mg/L					RPD Limit 20		
SampID: 24080169-021CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron			0.0250		6.51	2.000	4.607	95.0	6.296	3.31	09/03/2024
Manganese			0.0020		0.991	0.5000	0.4502	108.2	1.005	1.44	08/29/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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

Batch 227476		SampType: MS		Units mg/L							
SampID: 24080169-027CMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Iron		0.0250		1.71	2.000	0.03920	83.5	75	125	08/30/2024	
Manganese		0.0020		0.460	0.5000	0.03902	84.1	75	125	08/29/2024	

Batch 227476		SampType: MSD		Units mg/L					RPD Limit 20		
SampID: 24080169-027CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron			0.0250		1.73	2.000	0.03920	84.7	1.709	1.45	08/30/2024
Manganese			0.0020		0.485	0.5000	0.03902	89.2	0.4597	5.33	08/29/2024

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

Batch 227380		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-227380											
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		08/21/2024
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100		08/21/2024
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100		08/21/2024
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100		08/21/2024
Boron	*	0.0250		< 0.0250	0.0093	0	0	-100	100		08/21/2024
Cadmium	*	0.0010		< 0.0010	0.0001	0	0	-100	100		08/21/2024
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100		08/21/2024
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100		08/21/2024
Copper	*	0.0010		< 0.0010	0.0003	0	0	-100	100		08/21/2024
Iron	*	0.0250		< 0.0250	0.0115	0	0	-100	100		08/21/2024
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100		08/21/2024
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100		08/22/2024
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100		08/21/2024
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100		08/21/2024
Nickel		0.0010		< 0.0010	0.0004	0	0	-100	100		08/21/2024
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100		08/21/2024
Silver		0.0010		< 0.0010	0.0001	0	0	-100	100		08/21/2024
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100		08/21/2024
Vanadium		0.0050		< 0.0050	0.0028	0	0	-100	100		08/21/2024
Zinc		0.0150		< 0.0150	0.0059	0	0	-100	100		08/21/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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

Batch 227380 SampType: LCS Units mg/L

SampleID: LCS-227380

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.556	0.5000	0	111.1	85	115	08/21/2024
Arsenic		0.0010		0.551	0.5000	0	110.2	85	115	08/21/2024
Barium		0.0010		2.16	2.000	0	108.1	85	115	08/21/2024
Beryllium		0.0010		0.0524	0.0500	0	104.8	85	115	08/21/2024
Boron	*	0.0250		0.505	0.5000	0	101.0	85	115	08/21/2024
Cadmium	*	0.0010		0.0505	0.0500	0	101.1	85	115	08/21/2024
Chromium		0.0015		0.197	0.2000	0	98.3	85	115	08/21/2024
Cobalt		0.0010		0.514	0.5000	0	102.9	85	115	08/21/2024
Copper	*	0.0010		0.249	0.2500	0	99.6	85	115	08/21/2024
Iron	*	0.0250		2.08	2.000	0	104.1	85	115	08/21/2024
Lead		0.0010	E	0.501	0.5000	0	100.1	85	115	08/21/2024
Lithium	*	0.0030		0.531	0.5000	0	106.3	85	115	08/22/2024
Manganese		0.0020		0.525	0.5000	0	104.9	85	115	08/21/2024
Molybdenum		0.0015		0.470	0.5000	0	94.0	85	115	08/21/2024
Nickel		0.0010		0.502	0.5000	0	100.3	85	115	08/21/2024
Selenium		0.0010		0.524	0.5000	0	104.8	85	115	08/21/2024
Silver		0.0010		0.0503	0.0500	0	100.5	85	115	08/21/2024
Thallium		0.0020		0.250	0.2500	0	100.2	85	115	08/21/2024
Vanadium		0.0050		0.502	0.5000	0	100.3	85	115	08/21/2024
Zinc		0.0150		0.504	0.5000	0	100.7	85	115	08/21/2024



Quality Control Results

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Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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

Batch 227380 SampType: MS Units mg/L

SampleID: 24080169-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.531	0.5000	0	106.3	75	125	08/22/2024
Arsenic		0.0010		0.527	0.5000	0.001415	105.1	75	125	08/22/2024
Barium		0.0010		2.12	2.000	0.1749	97.5	75	125	08/22/2024
Beryllium		0.0010		0.0516	0.0500	0	103.1	75	125	08/22/2024
Boron		0.0250		0.955	0.5000	0.5050	89.9	75	125	08/22/2024
Cadmium	*	0.0010		0.0485	0.0500	0	97.0	75	125	08/22/2024
Chromium		0.0015		0.199	0.2000	0.004831	97.0	75	125	08/23/2024
Cobalt	*	0.0010		0.480	0.5000	0.001636	95.7	75	125	08/23/2024
Copper		0.0010		0.247	0.2500	0.002759	97.6	75	125	08/22/2024
Iron		0.0250		4.57	2.000	2.807	88.3	75	125	08/23/2024
Lead		0.0010		0.446	0.5000	0.001431	89.0	75	125	08/22/2024
Lithium	*	0.0030		0.517	0.5000	0.005101	102.3	75	125	08/22/2024
Manganese		0.0020		0.801	0.5000	0.3150	97.3	75	125	08/22/2024
Molybdenum		0.0015		0.482	0.5000	0.0007477	96.3	75	125	08/23/2024
Nickel		0.0010		0.501	0.5000	0.005065	99.3	75	125	08/22/2024
Selenium		0.0010		0.453	0.5000	0	90.6	75	125	08/22/2024
Silver		0.0010		0.0505	0.0500	0	101.0	75	125	08/23/2024
Thallium		0.0020		0.201	0.2500	0	80.2	75	125	08/22/2024
Vanadium		0.0050		0.508	0.5000	0.005553	100.4	75	125	08/22/2024
Zinc		0.0150		0.483	0.5000	0	96.5	75	125	08/22/2024



Quality Control Results

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Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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

Batch	227380	SampType:	MSD	Units				mg/L	RPD Limit			20
SampID: 24080169-005BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Antimony			0.0010		0.556	0.5000	0	111.3	0.5314	4.59	08/22/2024	
Arsenic			0.0010		0.555	0.5000	0.001415	110.7	0.5267	5.22	08/22/2024	
Barium			0.0010		2.19	2.000	0.1749	100.8	2.124	3.07	08/22/2024	
Beryllium			0.0010		0.0540	0.0500	0	108.0	0.05157	4.58	08/22/2024	
Boron			0.0250		1.02	0.5000	0.5050	102.7	0.9547	6.45	08/22/2024	
Cadmium	*		0.0010		0.0521	0.0500	0	104.3	0.04850	7.22	08/22/2024	
Chromium			0.0015		0.201	0.2000	0.004831	98.2	0.1989	1.18	08/23/2024	
Cobalt	*		0.0010		0.463	0.5000	0.001636	92.3	0.4799	3.55	08/23/2024	
Copper			0.0010		0.259	0.2500	0.002759	102.6	0.2468	4.89	08/22/2024	
Iron			0.0250		4.67	2.000	2.807	93.3	4.573	2.19	08/23/2024	
Lead			0.0010		0.483	0.5000	0.001431	96.3	0.4465	7.87	08/22/2024	
Lithium	*		0.0030		0.553	0.5000	0.005101	109.5	0.5168	6.68	08/22/2024	
Manganese			0.0020		0.837	0.5000	0.3150	104.5	0.8014	4.40	08/22/2024	
Molybdenum			0.0015		0.494	0.5000	0.0007477	98.7	0.4820	2.47	08/23/2024	
Nickel			0.0010		0.522	0.5000	0.005065	103.4	0.5013	4.06	08/22/2024	
Selenium			0.0010		0.477	0.5000	0	95.5	0.4532	5.17	08/22/2024	
Silver			0.0010		0.0524	0.0500	0	104.8	0.05052	3.62	08/23/2024	
Thallium			0.0020		0.236	0.2500	0	94.5	0.2005	16.39	08/22/2024	
Vanadium			0.0050		0.533	0.5000	0.005553	105.4	0.5077	4.79	08/22/2024	
Zinc			0.0150		0.511	0.5000	0	102.1	0.4825	5.67	08/22/2024	



Quality Control Results

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

Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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

Batch 227390 SampType: MBLK Units mg/L

SampleID: MBLK-227390

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	08/22/2024
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	08/22/2024
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	08/22/2024
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	08/22/2024
Boron	*	0.0250		< 0.0250	0.0093	0	0	-100	100	08/22/2024
Cadmium	*	0.0010		< 0.0010	0.0001	0	0	-100	100	08/22/2024
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	08/22/2024
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	08/22/2024
Copper	*	0.0010		< 0.0010	0.0003	0	0	-100	100	08/22/2024
Iron	*	0.0250		< 0.0250	0.0115	0	0	-100	100	08/22/2024
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	08/22/2024
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	08/22/2024
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	08/22/2024
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	08/22/2024
Nickel		0.0010		< 0.0010	0.0004	0	0	-100	100	08/22/2024
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	08/22/2024
Silver		0.0010		< 0.0010	0.0001	0	0	-100	100	08/23/2024
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	08/22/2024
Vanadium		0.0050		< 0.0050	0.0028	0	0	-100	100	08/22/2024
Zinc		0.0150		< 0.0150	0.0059	0	0	-100	100	08/22/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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

Batch 227390		SampType: LCS		Units mg/L							
SampID: LCS-227390											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		0.0010		0.533	0.5000	0	106.6	85	115	08/22/2024	
Arsenic		0.0010		0.522	0.5000	0	104.5	85	115	08/22/2024	
Barium		0.0010		2.02	2.000	0	100.8	85	115	08/22/2024	
Beryllium		0.0010		0.0495	0.0500	0	99.0	85	115	08/22/2024	
Boron	*	0.0250		0.479	0.5000	0	95.7	85	115	08/22/2024	
Cadmium	*	0.0010		0.0483	0.0500	0	96.7	85	115	08/22/2024	
Chromium		0.0015		0.191	0.2000	0	95.5	85	115	08/22/2024	
Cobalt		0.0010		0.477	0.5000	0	95.4	85	115	08/22/2024	
Copper	*	0.0010		0.245	0.2500	0	97.9	85	115	08/22/2024	
Iron	*	0.0250		1.99	2.000	0	99.4	85	115	08/22/2024	
Lead		0.0010		0.464	0.5000	0	92.8	85	115	08/22/2024	
Lithium	*	0.0030		0.513	0.5000	0	102.6	85	115	08/22/2024	
Manganese		0.0020		0.494	0.5000	0	98.7	85	115	08/22/2024	
Molybdenum		0.0015		0.460	0.5000	0	91.9	85	115	08/22/2024	
Nickel		0.0010		0.479	0.5000	0	95.7	85	115	08/22/2024	
Selenium		0.0010		0.490	0.5000	0	98.0	85	115	08/22/2024	
Silver		0.0010		0.0522	0.0500	0	104.5	85	115	08/23/2024	
Thallium		0.0020		0.227	0.2500	0	91.0	85	115	08/22/2024	
Vanadium		0.0050		0.490	0.5000	0	98.1	85	115	08/22/2024	
Zinc		0.0150		0.486	0.5000	0	97.3	85	115	08/22/2024	



Quality Control Results

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Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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

Batch 227422 SampType: MBLK Units mg/L

SampleID: MBLK-227422

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	08/23/2024
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	08/23/2024
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	08/23/2024
Beryllium		0.0010		< 0.0010	0.0002	0	0	-100	100	08/23/2024
Boron		0.0250		< 0.0250	0.0093	0	0	-100	100	08/23/2024
Cadmium	*	0.0010		< 0.0010	0.0001	0	0	-100	100	08/23/2024
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	08/23/2024
Cobalt	*	0.0010		< 0.0010	0.0001	0	0	-100	100	08/23/2024
Copper		0.0010		< 0.0010	0.0003	0	0	-100	100	08/23/2024
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	08/27/2024
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	08/23/2024
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	08/23/2024
Manganese		0.0020		< 0.0020	0.0008	0	0	-100	100	08/23/2024
Molybdenum		0.0015		< 0.0015	0.0006	0	0	-100	100	08/23/2024
Nickel		0.0010		< 0.0010	0.0004	0	0	-100	100	08/23/2024
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	08/23/2024
Silver		0.0010		< 0.0010	0.0001	0	0	-100	100	08/23/2024
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	08/23/2024
Vanadium		0.0050		< 0.0050	0.0028	0	0	-100	100	08/23/2024
Zinc		0.0150		< 0.0150	0.0059	0	0	-100	100	08/23/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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

Batch 227422 SampType: LCS Units mg/L

SampleID: LCS-227422

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.553	0.5000	0	110.6	80	120	08/23/2024
Arsenic		0.0010		0.552	0.5000	0	110.5	80	120	08/23/2024
Barium		0.0010		2.18	2.000	0	109.2	80	120	08/23/2024
Beryllium		0.0010		0.0484	0.0500	0	96.8	80	120	08/23/2024
Boron		0.0250		0.495	0.5000	0	99.0	80	120	08/23/2024
Cadmium	*	0.0010		0.0504	0.0500	0	100.9	80	120	08/23/2024
Chromium		0.0015		0.200	0.2000	0	99.9	80	120	08/23/2024
Cobalt	*	0.0010		0.503	0.5000	0	100.6	80	120	08/23/2024
Copper		0.0010		0.253	0.2500	0	101.1	80	120	08/23/2024
Iron		0.0250		2.06	2.000	0	102.8	80	120	08/27/2024
Lead		0.0010		0.530	0.5000	0	105.9	80	120	08/23/2024
Lithium	*	0.0030		0.492	0.5000	0	98.4	80	120	08/23/2024
Manganese		0.0020		0.518	0.5000	0	103.6	80	120	08/23/2024
Molybdenum		0.0015		0.503	0.5000	0	100.6	80	120	08/23/2024
Nickel		0.0010		0.510	0.5000	0	101.9	80	120	08/23/2024
Selenium		0.0010		0.514	0.5000	0	102.8	80	120	08/23/2024
Silver		0.0010		0.0567	0.0500	0	113.4	80	120	08/23/2024
Thallium		0.0020		0.242	0.2500	0	97.0	80	120	08/23/2024
Vanadium		0.0050		0.526	0.5000	0	105.2	80	120	08/23/2024
Zinc		0.0150		0.502	0.5000	0	100.5	80	120	08/23/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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

Batch 227422 SampType: MS Units mg/L

SampleID: 24080169-015BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.534	0.5000	0	106.8	75	125	08/23/2024
Arsenic		0.0010		0.536	0.5000	0.0005576	107.2	75	125	08/23/2024
Barium		0.0010		2.18	2.000	0.09753	104.3	75	125	08/23/2024
Beryllium		0.0010		0.0481	0.0500	0	96.1	75	125	08/23/2024
Boron		0.0250		1.23	0.5000	0.7389	97.3	75	125	08/23/2024
Cadmium	*	0.0010		0.0482	0.0500	0	96.4	75	125	08/23/2024
Chromium		0.0015		0.208	0.2000	0.001815	103.2	75	125	08/23/2024
Cobalt	*	0.0010		0.498	0.5000	0.0005249	99.4	75	125	08/23/2024
Lead		0.0010		0.517	0.5000	0	103.5	75	125	08/23/2024
Lithium	*	0.0030		0.496	0.5000	0.004032	98.4	75	125	08/23/2024
Molybdenum		0.0015		0.502	0.5000	0.003440	99.8	75	125	08/27/2024
Selenium		0.0010		0.495	0.5000	0	99.0	75	125	08/23/2024
Thallium		0.0020		0.232	0.2500	0	92.9	75	125	08/23/2024

Batch 227422 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 24080169-015BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		0.552	0.5000	0	110.3	0.5339	3.25	08/23/2024
Arsenic		0.0010		0.538	0.5000	0.0005576	107.6	0.5365	0.35	08/23/2024
Barium		0.0010		2.21	2.000	0.09753	105.4	2.183	1.03	08/23/2024
Beryllium		0.0010		0.0480	0.0500	0	96.0	0.04806	0.09	08/23/2024
Boron		0.0250		1.22	0.5000	0.7389	97.0	1.226	0.12	08/23/2024
Cadmium	*	0.0010		0.0491	0.0500	0	98.2	0.04820	1.80	08/23/2024
Chromium		0.0015		0.203	0.2000	0.001815	100.5	0.2082	2.59	08/23/2024
Cobalt	*	0.0010		0.461	0.5000	0.0005249	92.1	0.4975	7.58	08/23/2024
Lead		0.0010		0.508	0.5000	0	101.7	0.5174	1.74	08/23/2024
Lithium	*	0.0030		0.498	0.5000	0.004032	98.9	0.4960	0.50	08/23/2024
Molybdenum		0.0015		0.522	0.5000	0.003440	103.7	0.5023	3.82	08/27/2024
Selenium		0.0010		0.503	0.5000	0	100.5	0.4950	1.54	08/23/2024
Thallium		0.0020		0.226	0.2500	0	90.4	0.2323	2.78	08/23/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

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

Batch 227920 SampType: MBLK Units mg/L
SampID: MBLK-227920

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	09/04/2024
Arsenic		0.0010		< 0.0010	0.0004	0	0	-100	100	09/04/2024
Barium		0.0010		< 0.0010	0.0007	0	0	-100	100	09/04/2024
Cadmium	*	0.0010		< 0.0010	0.0001	0	0	-100	100	09/04/2024
Chromium		0.0015		< 0.0015	0.0007	0	0	-100	100	09/04/2024
Cobalt	*	0.0010		< 0.0010	0.0001	0	0	-100	100	09/04/2024
Copper		0.0010		< 0.0010	0.0003	0	0	-100	100	09/05/2024
Iron		0.0250		< 0.0250	0.0115	0	0	-100	100	09/05/2024
Lead		0.0010		< 0.0010	0.0006	0	0	-100	100	09/05/2024
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	09/04/2024
Nickel		0.0010		< 0.0010	0.0004	0	0	-100	100	09/04/2024
Vanadium		0.0050		< 0.0050	0.0028	0	0	-100	100	09/04/2024
Zinc		0.0150		< 0.0150	0.0059	0	0	-100	100	09/04/2024

Batch 227920 SampType: LCS Units mg/L
SampID: LCS-227920

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.511	0.5000	0	102.1	80	120	09/04/2024
Arsenic		0.0010		0.487	0.5000	0	97.4	80	120	09/04/2024
Barium		0.0010		1.91	2.000	0	95.6	80	120	09/04/2024
Cadmium	*	0.0010		0.0449	0.0500	0	89.9	80	120	09/04/2024
Chromium		0.0015		0.189	0.2000	0	94.5	80	120	09/04/2024
Cobalt	*	0.0010		0.444	0.5000	0	88.8	80	120	09/04/2024
Copper		0.0010		0.261	0.2500	0	104.3	80	120	09/05/2024
Iron		0.0250		2.03	2.000	0	101.5	80	120	09/05/2024
Lead		0.0010		0.524	0.5000	0	104.8	80	120	09/05/2024
Lithium	*	0.0030		0.450	0.5000	0	90.1	80	120	09/04/2024
Nickel		0.0010		0.452	0.5000	0	90.4	80	120	09/04/2024
Vanadium		0.0050		0.471	0.5000	0	94.3	80	120	09/04/2024
Zinc		0.0150		0.458	0.5000	0	91.5	80	120	09/04/2024

SW-846 7470A (TOTAL)

Batch 227374 SampType: MBLK Units mg/L
SampID: MBLK-227374

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	08/20/2024



Quality Control Results

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

Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

SW-846 7470A (TOTAL)

Batch 227374		SampType: LCS		Units mg/L							
SampID: LCS-227374											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Mercury		0.00020		0.00540	0.0050	0	108.0	85	115	08/20/2024	

Batch 227374		SampType: MS		Units mg/L							
SampID: 24080169-003BMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Mercury		0.00020		0.00511	0.0050	0	102.2	75	125	08/20/2024	

Batch 227374		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24080169-003BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.00020		0.00507	0.0050	0	101.5	0.005110	0.70	08/20/2024	

Batch 227423		SampType: MBLK		Units mg/L							
SampID: MBLK-227423											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	08/22/2024	

Batch 227423		SampType: LCS		Units mg/L							
SampID: LCS-227423											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Mercury		0.00020		0.00448	0.0050	0	89.7	85	115	08/22/2024	

Batch 227423		SampType: MS		Units mg/L							
SampID: 24080169-008BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00455	0.0050	0	91.0	75	125	08/22/2024	

Batch 227423		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24080169-008BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.00020		0.00449	0.0050	0	89.7	0.004550	1.39	08/22/2024

Batch 227423		SampType: MS		Units mg/L							
SampID: 24081733-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00514	0.0050	0	102.9	75	125	08/22/2024	



Quality Control Results

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

Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

SW-846 7470A (TOTAL)

Batch 227423		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24081733-001CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.00020		0.00506	0.0050	0	101.3	0.005144	1.57	08/22/2024	

Batch 227494		SampType: MBLK		Units mg/L							
SampID: MBLK-227494											
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	08/22/2024	

Batch 227494		SampType: LCS		Units mg/L							
SampID: LCS-227494											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00520	0.0050	0	104.1	85	115	08/22/2024	

Batch 227494		SampType: MS		Units mg/L							
SampID: 24080169-033BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00527	0.0050	0	105.4	75	125	08/22/2024	

Batch 227494		SampType: MSD		Units mg/L				RPD Limit 15			Date Analyzed
SampID: 24080169-033BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Mercury		0.00020		0.00514	0.0050	0	102.8	0.005271	2.51	08/22/2024	

Batch 227494		SampType: MS		Units mg/L							
SampID: 24081798-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00453	0.0050	0	90.6	75	125	08/22/2024	

Batch 227494		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 24081798-001CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.00020		0.00435	0.0050	0	87.1	0.004532	4.00	08/22/2024	



Receiving Check List

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

Client: Ramboll

Work Order: 24080169

Client Project: KIN-24Q3

Report Date: 09-Sep-24

Carrier: Justin Colp

Received By: AMD

Completed by:

On:

19-Aug-24

Amber Dilallo

Reviewed by:

On:

21-Aug-24

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 19.1
Type of thermal preservation?	None ☐	Ice ☒	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☒	No ☐		
Chain of custody signed when relinquished and received?	Yes ☒	No ☐		
Chain of custody agrees with sample labels?	Yes ☒	No ☐		
Samples in proper container/bottle?	Yes ☒	No ☐		
Sample containers intact?	Yes ☒	No ☐		
Sufficient sample volume for indicated test?	Yes ☒	No ☐		
All samples received within holding time?	Yes ☒	No ☐		
Reported field parameters measured:	Field ☒	Lab ☐	NA ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐		

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

Water - at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☒
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☒
Water - pH acceptable upon receipt?	Yes ☐	No ☒	NA ☐
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☒

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

Samples were received on 8/19/24 at 1525 on ice [19.1C - LTG#5]. Additional Nitric Acid (99172) was needed in MW-05 upon arrival at the laboratory. Additional Sodium Hydroxide (95443) was needed in MW-05 and MW-09 upon arrival at the laboratory. pH strip #89660/96651. - LH/amberdilallo - 8/19/2024 3:39:15 PM

Samples were received on 8/20/24 at 1458 on ice [12.7C - LTG#5]. Additional Nitric Acid (99172) was needed in MW-20S, MW-30, MW-32, and MW-08 Duplicate upon arrival at the laboratory. Additional Sodium Hydroxide (95443) was needed in MW-07 upon arrival at the laboratory. pH strip #89660/96651. - amberdilallo - 8/20/2024 3:47:34 PM

Samples were received on 8/21/24 at 1440 on ice [12.7C - LTG#5]. Field Blank and Equipment Blank were filtered and preserved with Nitric Acid (99172) for the dissolved parameters upon arrival at the laboratory. Additional Nitric Acid (99172) was needed in MW-27, MW-31, MW-31S, and PZ-4A upon arrival at the laboratory. pH strip #96651. - NR/amberdilallo - 8/21/2024 3:26:23 PM

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, Sam Davies	Attention: Brian Voelker, Tim Arnold	REGULATORY AGENCY		
Address: 199 IL 104		Copy To: Sam Davies: samantha.davies@vistracorp.com	Company Name: Vistra Corp			
Kincaid, IL 62540		Tim Arnold: Tim.Arnold@vistracorp.com	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: Liz Hurley	Site Location	IL	
Requested Due Date/TAT: 10 day		Project Number:	Profile #:	STATE:		

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 Cobb					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 8-19-24				

Added NaOH (95/43) to MW5. MW6

PHN 96651/89660 LG5

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

Page: 1 of 3

[illegible]

PH ✓ 89660/96651 Gm 8/20/24

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 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.				
					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				3	1	2							X	X	X										24080169-017				
2	MW-27		WT	G				3	1	2							X	X	X										24080169-018				
3	MW-28		WT	G	8-10-24	1702		3	1	2							X	X	X										24080169-019				
4	MW-30		WT	G	8-10-24	1009		3	1	2							X	X	X										24080169-020				
5	MW-31		WT	G				3	1	2							X	X	X										24080169-021				
6	MW-31S		WT	G				3	1	2							X	X	X										24080169-022				
7	MW-32		WT	G	8-20-24	1248		3	1	2							X	X	X										24080169-023				
8	MW-33S		WT	G				3	1	2									X										24080169-024				
9	MW-34S		WT	G	8/20/24	1156		3	1	2									X										24080169-025				
10	MW-35S		WT	G				3	1	2									X										24080169-026				
11	PZ-4A		WT	G				3	1	2									X										24080169-027				
12	PZ-4C		WT	G				3	1	2							X		X	X									24080169-028				
13	SG-02		WT	G				0									X		X										24080169-029				
14	XSG-01		WT	G				0									X		X										24080169-030				
15	Field Blank		WT	G				4	1	2	1						X	X	X	X									24080169-031				
16	MW-08 Duplicate		WT	G	8/20/24	1019		4	2	1	1						X	X	X	X									24080169-032				
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																				
KIN-24Q3 Rev 0			Burt [Signature]			8/20/24	1458	[Signature] [Signature]			8/20/24	1458	> 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 Gop					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 8-23-24				

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

Page: 1 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:	Paxton Lock				
SIGNATURE of SAMPLER:	DATE Signed (MM/DD/YY):				
	08/21/24				
	08/22/24 LJE				

PHV 96651 Added HNO_3 (97.5%) + 500 mg mn 27, mn 31,
 mn 315 + PZ 4A
TE mn 8/21/24

24080169-141

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

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													</

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: Dayton Toek	DATE Signed (MM/DD/YY): 08/21/24				
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 08/22/24 TE PAT				

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:	Paxton Lock 08/21/24 SIGNATURE of SAMPLER: <i>[Signature]</i> DATE Signed (MM/DD/YY): 08/22/24 TLF				

September 19, 2024

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-24Q3

WorkOrder: 24080170

Dear Eric Bauer:

TEKLAB, INC received 31 samples on 8/21/2024 2:40:00 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: 24080170

Client Project: KIN-24Q3

Report Date: 19-Sep-24

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:** 24080170**Client Project:** KIN-24Q3**Report Date:** 19-Sep-24

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: 24080170

Client Project: KIN-24Q3

Report Date: 19-Sep-24

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: 24080170

Client Project: KIN-24Q3

Report Date: 19-Sep-24

Cooler Receipt Temp: 19.1 °C

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

MW-08S could not be collected; the well was dry.

PZ-4C collection time per field file. EAH 9/12/24

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: 24080170

Client Project: KIN-24Q3

Report Date: 19-Sep-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	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	12/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-001
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-01
Collection Date: 08/19/2024 10:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:54	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-002
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-02
Collection Date: 08/19/2024 10:29

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:54	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Client Project: KIN-24Q3

Lab ID: 24080170-003

Matrix: GROUNDWATER

Work Order: 24080170

Report Date: 19-Sep-24

Client Sample ID: MW-03

Collection Date: 08/19/2024 11:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:54	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-004
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-04
Collection Date: 08/19/2024 12:21

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:54	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-005
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-05
Collection Date: 08/19/2024 13:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:50	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-006
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-06
Collection Date: 08/20/2024 11:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:51	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-007
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-07
Collection Date: 08/20/2024 9:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:51	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-008
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-07S
Collection Date: 08/20/2024 10:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:51	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-009
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-08
Collection Date: 08/20/2024 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:51	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Client Project: KIN-24Q3

Lab ID: 24080170-011

Matrix: GROUNDWATER

Work Order: 24080170

Report Date: 19-Sep-24

Client Sample ID: MW-09

Collection Date: 08/19/2024 12:37

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:51	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141
<http://www.teklabinc.com/>

Client: Ramboll

Client Project: KIN-24Q3

Lab ID: 24080170-012

Matrix: GROUNDWATER

Work Order: 24080170

Report Date: 19-Sep-24

Client Sample ID: MW-10

Collection Date: 08/19/2024 11:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:52	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-013
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-11
Collection Date: 08/20/2024 10:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:52	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-014
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-12
Collection Date: 08/20/2024 12:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:52	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-015
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-20
Collection Date: 08/21/2024 11:18

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:52	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141
<http://www.teklabinc.com/>

Client: Ramboll

Client Project: KIN-24Q3

Lab ID: 24080170-016

Matrix: GROUNDWATER

Work Order: 24080170

Report Date: 19-Sep-24

Client Sample ID: MW-20S

Collection Date: 08/20/2024 11:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:52	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-017
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-23
Collection Date: 08/21/2024 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:47	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-018
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-27
Collection Date: 08/21/2024 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	09/16/2024 12:48	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-019
Matrix: GROUNDWATER
Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-28
Collection Date: 08/20/2024 12:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:48	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Client Project: KIN-24Q3

Lab ID: 24080170-020

Matrix: GROUNDWATER

Work Order: 24080170

Report Date: 19-Sep-24

Client Sample ID: MW-30

Collection Date: 08/20/2024 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	09/16/2024 12:42	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-021
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-31
Collection Date: 08/21/2024 12:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:42	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-022
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-31S
Collection Date: 08/21/2024 10:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:42	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-023
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-32
Collection Date: 08/20/2024 12:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:43	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-024
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-33S
Collection Date: 08/21/2024 11:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:43	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-025
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-34S
Collection Date: 08/20/2024 11:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:43	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Client Project: KIN-24Q3

Lab ID: 24080170-026

Matrix: GROUNDWATER

Work Order: 24080170

Report Date: 19-Sep-24

Client Sample ID: MW-35S

Collection Date: 08/21/2024 12:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:43	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-027
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: PZ-4A
Collection Date: 08/21/2024 11:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:43	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-028
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: PZ-4C
Collection Date: 08/21/2024 10:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:43	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-029
Matrix: AQUEOUS

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: Field Blank
Collection Date: 08/21/2024 12:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:44	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-030
Matrix: GROUNDWATER

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: MW-08 Duplicate
Collection Date: 08/20/2024 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:44	R353372



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-24Q3
Lab ID: 24080170-031
Matrix: AQUEOUS

Work Order: 24080170
Report Date: 19-Sep-24
Client Sample ID: Equipment Blank
Collection Date: 08/21/2024 12:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	09/16/2024 12:44	R353372



Sample Summary

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

Client: Ramboll
Client Project: KIN-24Q3

Work Order: 24080170
Report Date: 19-Sep-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24080170-001	MW-01	Groundwater	1	08/19/2024 10:26
24080170-002	MW-02	Groundwater	1	08/19/2024 10:29
24080170-003	MW-03	Groundwater	1	08/19/2024 11:32
24080170-004	MW-04	Groundwater	1	08/19/2024 12:21
24080170-005	MW-05	Groundwater	1	08/19/2024 13:26
24080170-006	MW-06	Groundwater	1	08/20/2024 11:14
24080170-007	MW-07	Groundwater	1	08/20/2024 9:48
24080170-008	MW-07S	Groundwater	1	08/20/2024 10:11
24080170-009	MW-08	Groundwater	1	08/20/2024 10:19
24080170-010	MW-08S	Groundwater	1	08/20/2024 0:00
24080170-011	MW-09	Groundwater	1	08/19/2024 12:37
24080170-012	MW-10	Groundwater	1	08/19/2024 11:43
24080170-013	MW-11	Groundwater	1	08/20/2024 10:57
24080170-014	MW-12	Groundwater	1	08/20/2024 12:56
24080170-015	MW-20	Groundwater	1	08/21/2024 11:18
24080170-016	MW-20S	Groundwater	1	08/20/2024 11:47
24080170-017	MW-23	Groundwater	1	08/21/2024 10:19
24080170-018	MW-27	Groundwater	1	08/21/2024 10:25
24080170-019	MW-28	Groundwater	1	08/20/2024 12:02
24080170-020	MW-30	Groundwater	1	08/20/2024 10:09
24080170-021	MW-31	Groundwater	1	08/21/2024 12:17
24080170-022	MW-31S	Groundwater	1	08/21/2024 10:01
24080170-023	MW-32	Groundwater	1	08/20/2024 12:48
24080170-024	MW-33S	Groundwater	1	08/21/2024 11:26
24080170-025	MW-34S	Groundwater	1	08/20/2024 11:56
24080170-026	MW-35S	Groundwater	1	08/21/2024 12:30
24080170-027	PZ-4A	Groundwater	1	08/21/2024 11:23
24080170-028	PZ-4C	Groundwater	1	08/21/2024 10:54
24080170-029	Field Blank	Aqueous	1	08/21/2024 12:40
24080170-030	MW-08 Duplicate	Groundwater	1	08/20/2024 10:19
24080170-031	Equipment Blank	Aqueous	1	08/21/2024 12:45



Receiving Check List

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

Client: Ramboll

Work Order: 24080170

Client Project: KIN-24Q3

Report Date: 19-Sep-24

Carrier: Justin Colp

Received By: AMD

Completed by:

On:

19-Aug-24

Amber Dilallo

Reviewed by:

On:

21-Aug-24

Ellie Hopkins

Pages to follow:

Chain of custody

1

Extra pages included

36

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C 19.1

Type of thermal preservation?

None ☐

Ice ☒

Blue Ice ☐

Dry Ice ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Reported field parameters measured:

Field ☐

Lab ☐

NA ☒

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

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

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

Yes ☐

No ☐

No VOA vials ☒

Water - TOX containers have zero headspace?

Yes ☐

No ☐

No TOX containers ☒

Water - pH acceptable upon receipt?

Yes ☐

No ☒

NA ☐

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

Yes ☐

No ☐

NA ☒

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

Samples were received on 8/19/24 at 1525 on ice [19.1C - LTG#5]. Additional Nitric Acid (99172) was needed in MW-10, MW-05, and MW-09 upon arrival at the laboratory. pH strip #96651. - NR/amberdilallo - 8/19/2024 3:48:56 PM

Samples were received on 8/20/24 at 1458 on ice [12.7C - LTG#5]. Additional Nitric Acid (99172) was needed in MW-07, MW-07S, MW-08, MW-20S, MW-32, and MW-08 Duplicate upon arrival at the laboratory. pH strip #96651. - amberdilallo - 8/20/2024 3:54:39 PM

Samples were received on 8/21/24 at 1440 on ice [12.7C - LTG#5]. Additional Nitric Acid (99172) was needed in MW-31S upon arrival at the laboratory. pH strip #96651. - NR/amberdilallo - 8/21/2024 3:28:15 PM

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

Section C
Invoice Information:

Company:	Vistra Corp-Kincaid	Report To:	Brian Voelker, Sam Davies	Attention:	Brian Voelker, Tim Arnold			
Address:	199 IL 104	Copy To:	Sam Davies: samantha.davies@vistracorp.com	Company Name:	Vistra Corp	REGULATORY AGENCY		
	Kincaid, IL 62540		Tim Arnold: Tim.Arnold@vistracorp.com	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:	Liz Hurley	Site Location	IL	Ra226/228, only
Requested Due Date/TAT:	10 day	Project Number:		Profile #:		STATE:		

Add HNO_3 (99172)
to $1/2$ mmoD + $1/2$ mmo₅, mmo₉
96651 rx 8/19

LTG5

24080170-141

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, Sam Davies		Attention: Brian Voelker, Tim Arnold			
Address: 199 IL 104		Copy To: Sam Davies: samantha.davies@vistracorp.com		Company Name: Vistra Corp			
Kincaid, IL 62540		Tim Arnold: Tim.Arnold@vistracorp.com		Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:			
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager: Liz Hurley			
Requested Due Date/TAT: 10 day		Project Number:		Profile #:			
						REGULATORY AGENCY	
						NPDES GROUND WATER DRINKING WATER	
						UST RCRA OTHER	
						Site Location	
						IL	
						Ra226/228, only	
						STATE:	

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 CL 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.				
					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-01		WT	G				2		2									X	X	X	X													24080170-001				
2	MW-02		WT	G				2		2									X	X	X	X												24080170-002					
3	MW-03		WT	G				2		2									X	X	X	X												24080170-003					
4	MW-04		WT	G				2		2										X														24080170-004					
5	MW-05		WT	G				2		2									X	X	X	X												24080170-005					
6	MW-06		WT	G	8-6-24	1114		2		2									X	X	X	X												24080170-006					
7	MW-07		WT	G	8-20-24	948		2		2									X	X	X	X												24080170-007					
8	MW-07S		WT	G	8-20-24	1011		2		2									X		X	X												24080170-008					
9	MW-08		WT	G	8/20/24	1019		2		2									X	X	X	X												24080170-009					
10	MW-08S		WT	G	8/20/24	054		2		2									X		X	X												24080170-010					
11	MW-09		WT	G				2		2										X														24080170-011					
12	MW-10		WT	G				2		2										X														24080170-012					
13	MW-11		WT	G	8-20-24	1057		2		2									X	X	X	X												24080170-013					
14	MW-12		WT	G	8-20-24	1756		2		2									X	X	X	X												24080170-014					
15	MW-20		WT	G				2		2									X		X	X												24080170-015					
16	MW-20S		WT	G	8-20-24	1147		2		2									X		X	X												24080170-016					
ADDITIONAL COMMENTS					RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																								
KIN-24Q3 Rev 0					[Signature]			8-20-24	1458	[Signature]			8-20-24	1458	12.7 #5																								

Added (99172)
Added HNO₃ to MW07 2/2.

MW-07S 2/2, MW-08 1/2, MW-20S 1/2.

MW-32 1/2, & MW-8 Dup 1/2.

DA ✓ 9/10/251 Sm 8/20/24

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 Cap					
SIGNATURE of SAMPLER: [Signature]					
DATE Signed (MM/DD/YY): 8-20-24					

CHAIN-OF-CUSTODY / Analytical Request Document

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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, Sam Davies		Attention: Brian Voelker, Tim Arnold		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER Site Location: IL Ra226/228, only STATE:	
Address: 199 IL 104		Copy To: Sam Davies: samantha.davies@vistracorp.com		Company Name: Vistra Corp			
Kincaid, IL 62540		Tim Arnold: Tim.Arnold@vistracorp.com		Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:			
Phone: (217) 753-8911		Fax:		Project Name:		Project Manager: Liz Hurley	
Requested Due Date/TAT: 10 day		Project Number:		Profile #:			

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL CIL CL 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.				
					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									X	X	X											24080170-017					
2	MW-27		WT	G				2									X	X	X											24080170-018					
3	MW-28		WT	G	8-20-24	1202		2									X	X	X											24080170-019					
4	MW-30		WT	G	8-20-24	1009		2									X	X	X											24080170-020					
5	MW-31		WT	G				2									X	X	X											24080170-021					
6	MW-31S		WT	G				2									X	X	X											24080170-022					
7	MW-32		WT	G	8-20-24	1249		2									X	X	X											24080170-023					
8	MW-33S		WT	G				2											X											24080170-024					
9	MW-34S		WT	G	8/20/24	1156		2											X											24080170-025					
10	MW-35S		WT	G				2											X											24080170-026					
11	PZ-4A		WT	G				2											X											24080170-027					
12	PZ-4C		WT	G				2									X	X	X											24080170-028					
13	SG-02		WT	G				0									X	X												N/A					
14	XSG-01		WT	G				0									X	X												N/A					
15	Field Blank		WT	G				2									X	X	X	X										24080170-029					
16	MW-08 Duplicate		WT	G	8/20/24	1019		2									X	X	X	X										24080170-030					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS					
KIN-24Q3 Rev 0	Bert...	8/20/24	1458	Union Oil Co	8/20/24	1458						

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: Lishy Gelp							
SIGNATURE of SAMPLER: [Signature]		DATE Signed (MM/DD/YY): 8-20-24					

24080170 141

CHAIN-OF-CUSTODY / Analytical Request Document

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Company: Vistra Corp-Kincaid		Report To: Brian Voelker, Sam Davies		Attention: Brian Voelker, Tim Arnold		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER Site Location: IL Ra226/228, only STATE:	
Address: 199 IL 104		Copy To: Sam Davies: samantha.davies@vistracorp.com		Company Name: Vistra Corp			
Kincaid, IL 62540		Tim Arnold: Tim.Arnold@vistracorp.com		Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:			
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager: Liz Hurley			
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	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-01	WT	G				2		2							X	X	X	X																	24080170-001			
2	MW-02	WT	G				2		2							X	X	X	X																24080170-002				
3	MW-03	WT	G				2		2							X	X	X	X																24080170-003				
4	MW-04	WT	G				2		2								X																		24080170-004				
5	MW-05	WT	G				2		2							X	X	X	X																24080170-005				
6	MW-06	WT	G				2		2							X	X	X	X																24080170-006				
7	MW-07	WT	G				2		2							X	X	X	X																24080170-007				
8	MW-07S	WT	G				2		2							X		X	X																24080170-008				
9	MW-08	WT	G				2		2							X	X	X	X																24080170-009				
10	MW-08S	WT	G				2		2							X		X	X																24080170-010				
11	MW-09	WT	G				2		2								X																		24080170-011				
12	MW-10	WT	G				2		2								X																		24080170-012				
13	MW-11	WT	G				2		2							X	X	X	X																24080170-013				
14	MW-12	WT	G				2		2							X	X	X	X																24080170-014				
15	MW-20	WT	G			8-21-24	1118		2		2					X		X	X																24080170-015				
16	MW-20S	WT	G				2		2							X		X	X																24080170-016				

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
KIN-24Q3 Rev 0		SIL SO		8-21	1440	Samantha Davies		8/21/24	1440	2.7	>	z	
SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: <i>Patricia Leah</i> SIGNATURE of SAMPLER: <i>Patricia Leah</i>													
DATE Signed (MM/DD/YYYY)										Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
8/22/24 08/21/24													

PHV 26651 added HNO₃ (99172) to MW 31S 2/2

24080170-141

CHAIN-OF-CUSTODY / Analytical Request Document

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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, Sam Davies		Attention: Brian Voelker, Tim Arnold		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER Site Location: IL Ra226/228, only STATE:	
Address: 199 IL 104		Copy To: Sam Davies: samantha.davies@vistracorp.com		Company Name: Vistra Corp			
Kincaid, IL 62540		Tim Arnold: Tim.Arnold@vistracorp.com		Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:			
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager: Liz Hurley			
Requested Due Date/TAT: 10 day		Project Number:		Profile #:			

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL CL 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER: Paxton Tech		DATE Signed: 08/22/24 08/21/24	
SIGNATURE of SAMPLER: [Signature]			
Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Page: 3 of 3

Invoice information:

[illegible]

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples intact (Y/N)
PRNT Name of SAMPLER: Paxton Lock TE PAT					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 08/22/24 08/21/24				

ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/18/2024 4:35:28 PM

JOB DESCRIPTION

Radium-226 and Radium-228
24080170

JOB NUMBER

160-55181-1

Eurofins St. Louis

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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9/18/2024 4:35:28 PM

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

Table of Contents

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Case Narrative

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1

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

Job ID: 160-55181-1

Eurofins St. Louis

CASE NARRATIVE

Client: TekLab, Inc

Project: 24080170

Report Number: 160-55181-1

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 8/22/2024 2:15 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 19.6°C, 19.8°C and 19.9°C.

The client emailed an update to sample 24080170-028 collection time. The email is included in the report for documentation.

Method 903.0 - Radium-226 (GFPC)

Samples 24080170-001 (160-55181-1), 24080170-002 (160-55181-2), 24080170-003 (160-55181-3), 24080170-004 (160-55181-4), 24080170-005 (160-55181-5), 24080170-006 (160-55181-6), 24080170-007 (160-55181-7), 24080170-008 (160-55181-8), 24080170-009 (160-55181-9), 24080170-011 (160-55181-10), 24080170-012 (160-55181-11), 24080170-013 (160-55181-12), 24080170-014 (160-55181-13), 24080170-015 (160-55181-14), 24080170-016 (160-55181-15), 24080170-017 (160-55181-16), 24080170-018 (160-55181-17), 24080170-019 (160-55181-18), 24080170-020 (160-55181-19), 24080170-021 (160-55181-20), 24080170-022 (160-55181-21), 24080170-023 (160-55181-22), 24080170-024 (160-55181-23), 24080170-025 (160-55181-24), 24080170-026 (160-55181-25), 24080170-027 (160-55181-26), 24080170-028 (160-55181-27), 24080170-029 (160-55181-28), 24080170-030 (160-55181-29) and 24080170-031 (160-55181-30) were analyzed for Radium-226 (GFPC). The samples were prepared on 8/26/2024 and analyzed on 9/17/2024.

Eurofins St. Louis

Case Narrative

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1

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

Job ID: 160-55181-1 (Continued)

Eurofins St. Louis

Method 904.0 - Radium-228 (GFPC)

Samples 24080170-001 (160-55181-1), 24080170-002 (160-55181-2), 24080170-003 (160-55181-3), 24080170-004 (160-55181-4), 24080170-005 (160-55181-5), 24080170-006 (160-55181-6), 24080170-007 (160-55181-7), 24080170-008 (160-55181-8), 24080170-009 (160-55181-9), 24080170-011 (160-55181-10), 24080170-012 (160-55181-11), 24080170-013 (160-55181-12), 24080170-014 (160-55181-13), 24080170-015 (160-55181-14), 24080170-016 (160-55181-15), 24080170-017 (160-55181-16), 24080170-018 (160-55181-17), 24080170-019 (160-55181-18), 24080170-020 (160-55181-19), 24080170-021 (160-55181-20), 24080170-022 (160-55181-21), 24080170-023 (160-55181-22), 24080170-024 (160-55181-23), 24080170-025 (160-55181-24), 24080170-026 (160-55181-25), 24080170-027 (160-55181-26), 24080170-028 (160-55181-27), 24080170-029 (160-55181-28), 24080170-030 (160-55181-29) and 24080170-031 (160-55181-30) were analyzed for Radium-228 (GFPC). The samples were prepared on 8/26/2024 and analyzed on 9/16/2024.

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

Samples 24080170-001 (160-55181-1), 24080170-002 (160-55181-2), 24080170-003 (160-55181-3), 24080170-004 (160-55181-4), 24080170-005 (160-55181-5), 24080170-006 (160-55181-6), 24080170-007 (160-55181-7), 24080170-008 (160-55181-8), 24080170-009 (160-55181-9), 24080170-011 (160-55181-10), 24080170-012 (160-55181-11), 24080170-013 (160-55181-12), 24080170-014 (160-55181-13), 24080170-015 (160-55181-14), 24080170-016 (160-55181-15), 24080170-017 (160-55181-16), 24080170-018 (160-55181-17), 24080170-019 (160-55181-18), 24080170-020 (160-55181-19), 24080170-021 (160-55181-20), 24080170-022 (160-55181-21), 24080170-023 (160-55181-22), 24080170-024 (160-55181-23), 24080170-025 (160-55181-24), 24080170-026 (160-55181-25), 24080170-027 (160-55181-26), 24080170-028 (160-55181-27), 24080170-029 (160-55181-28), 24080170-030 (160-55181-29) and 24080170-031 (160-55181-30) were analyzed for Combined Radium-226 and Radium-228. The samples were analyzed on 9/17/2024 and 9/18/2024.

Eurofins St. Louis

Erika Jordan

From: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Sent: Thursday, September 12, 2024 3:25 PM
To: Erika Jordan
Subject: RE: Eurofins TestAmerica sample confirmation files from 160-55181-1 Radium-226 and Radium-228

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi, Erika,

Collection dates/times have been reviewed against the field file. Please update 24080170-028 from 8/21/24 at 1055 to 1054.

Thanks!

Have a great day!

Elizabeth Hurley
Director of Customer Service



Teklab, Inc.
5445 Horseshoe Lake Road
Collinsville, IL 62234
Phone: (618) 344-1004 Ext. 33
Cell: (618) 791-8119
Fax: (618) 344-1005
E-mail: ehurley@teklabinc.com
www.teklabinc.com

Confidentiality Notice: The information contained in this message is intended only for the use of the addressee, and may be confidential and/or privileged. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately.

From: Erika Jordan <TALS@reports.et.eurofinsus.com>
Sent: Thursday, August 22, 2024 7:36 PM
To: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Subject: Eurofins TestAmerica sample confirmation files from 160-55181-1 Radium-226 and Radium-228

Hi Elizabeth!

Attached please find the sample confirmation files for job 160-55181-1; Radium-226 and Radium-228

I updated the login, since I noticed that the 903/904 methods were omitted for several samples. On those samples the Ra226/228 combined calculation is the only thing checked on the COC. Is that all you want reported is the combined calculation?

Please review the attachments for accuracy and notify your Project Manager of any discrepancies as quickly as possible.

Any discrepancies not communicated in a timely fashion could result in missed holding times, TAT delays and may potentially incur additional charges.

Please feel free to contact me if you have any questions.

Thank you and have a nice day!

Erika Jordan
Project Manager

Eurofins St. Louis

E-mail: erika.jordan@et.eurofinsus.com
www.eurofinsus.com/env



Reference: [160-303724]
Attachments: 1

> > Bank information has changed, please refer to remittance information on invoice. < <

Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-55181-1

SDG Number: 24080170

Login Number: 55181

List Number: 1

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

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

Definitions/Glossary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1
SDG: 24080170

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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 3, 2024
KINCAID POWER PLANT, ASH POND

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

Job ID: 160-55181-1
SDG: 24080170

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND

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

Job ID: 160-55181-1
SDG: 24080170

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-55181-1	24080170-001	Water	08/19/24 10:26	08/22/24 14:15
160-55181-2	24080170-002	Water	08/19/24 10:29	08/22/24 14:15
160-55181-3	24080170-003	Water	08/19/24 11:32	08/22/24 14:15
160-55181-4	24080170-004	Water	08/19/24 12:21	08/22/24 14:15
160-55181-5	24080170-005	Water	08/19/24 13:26	08/22/24 14:15
160-55181-6	24080170-006	Water	08/20/24 11:14	08/22/24 14:15
160-55181-7	24080170-007	Water	08/20/24 09:48	08/22/24 14:15
160-55181-8	24080170-008	Water	08/20/24 10:11	08/22/24 14:15
160-55181-9	24080170-009	Water	08/20/24 10:19	08/22/24 14:15
160-55181-10	24080170-011	Water	08/19/24 12:37	08/22/24 14:15
160-55181-11	24080170-012	Water	08/19/24 11:43	08/22/24 14:15
160-55181-12	24080170-013	Water	08/20/24 10:57	08/22/24 14:15
160-55181-13	24080170-014	Water	08/20/24 12:56	08/22/24 14:15
160-55181-14	24080170-015	Water	08/21/24 11:18	08/22/24 14:15
160-55181-15	24080170-016	Water	08/20/24 11:47	08/22/24 14:15
160-55181-16	24080170-017	Water	08/21/24 10:19	08/22/24 14:15
160-55181-17	24080170-018	Water	08/21/24 10:25	08/22/24 14:15
160-55181-18	24080170-019	Water	08/20/24 12:02	08/22/24 14:15
160-55181-19	24080170-020	Water	08/20/24 10:09	08/22/24 14:15
160-55181-20	24080170-021	Water	08/21/24 12:17	08/22/24 14:15
160-55181-21	24080170-022	Water	08/21/24 10:01	08/22/24 14:15
160-55181-22	24080170-023	Water	08/20/24 12:48	08/22/24 14:15
160-55181-23	24080170-024	Water	08/21/24 11:26	08/22/24 14:15
160-55181-24	24080170-025	Water	08/20/24 11:56	08/22/24 14:15
160-55181-25	24080170-026	Water	08/21/24 12:30	08/22/24 14:15
160-55181-26	24080170-027	Water	08/21/24 11:23	08/22/24 14:15
160-55181-27	24080170-028	Water	08/21/24 10:54	08/22/24 14:15
160-55181-28	24080170-029	Water	08/21/24 12:40	08/22/24 14:15
160-55181-29	24080170-030	Water	08/20/24 10:19	08/22/24 14:15
160-55181-30	24080170-031	Water	08/21/24 12:45	08/22/24 14:15

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1
SDG: 24080170

Client Sample ID: 24080170-001

Lab Sample ID: 160-55181-1

Date Collected: 08/19/24 10:26

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.214	U	0.171	0.173	1.00	0.248	pCi/L	08/26/24 08:22	09/17/24 07:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					08/26/24 08:22	09/17/24 07:40	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.597		0.365	0.369	1.00	0.527	pCi/L	08/26/24 08:25	09/16/24 12:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					08/26/24 08:25	09/16/24 12:54	1
Y Carrier	84.9		30 - 110					08/26/24 08:25	09/16/24 12:54	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	0.811		0.403	0.408	5.00	0.527	pCi/L		09/17/24 09:55	1

Client Sample ID: 24080170-002

Lab Sample ID: 160-55181-2

Date Collected: 08/19/24 10:29

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.398		0.228	0.230	1.00	0.259	pCi/L	08/26/24 08:22	09/17/24 07:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.3		30 - 110					08/26/24 08:22	09/17/24 07:40	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.133	U	0.443	0.444	1.00	0.801	pCi/L	08/26/24 08:25	09/16/24 12:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.3		30 - 110					08/26/24 08:25	09/16/24 12:54	1
Y Carrier	72.9		30 - 110					08/26/24 08:25	09/16/24 12:54	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	0.530	U	0.498	0.500	5.00	0.801	pCi/L		09/17/24 09:55	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1
SDG: 24080170

Client Sample ID: 24080170-003

Lab Sample ID: 160-55181-3

Date Collected: 08/19/24 11:32

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.158	U	0.171	0.171	1.00	0.273	pCi/L	08/26/24 08:22	09/17/24 07:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					08/26/24 08:22	09/17/24 07:43	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0487	U	0.288	0.288	1.00	0.533	pCi/L	08/26/24 08:25	09/16/24 12:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					08/26/24 08:25	09/16/24 12:54	1
Y Carrier	83.4		30 - 110					08/26/24 08:25	09/16/24 12:54	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	0.206	U	0.335	0.335	5.00	0.533	pCi/L		09/17/24 09:55	1

Client Sample ID: 24080170-004

Lab Sample ID: 160-55181-4

Date Collected: 08/19/24 12:21

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.237	U	0.190	0.192	1.00	0.281	pCi/L	08/26/24 08:22	09/17/24 07:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.6		30 - 110					08/26/24 08:22	09/17/24 07:44	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0186	U	0.263	0.263	1.00	0.507	pCi/L	08/26/24 08:25	09/16/24 12:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.6		30 - 110					08/26/24 08:25	09/16/24 12:54	1
Y Carrier	84.5		30 - 110					08/26/24 08:25	09/16/24 12:54	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	0.237	U	0.324	0.326	5.00	0.507	pCi/L		09/17/24 09:55	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1
SDG: 24080170

Client Sample ID: 24080170-005

Lab Sample ID: 160-55181-5

Date Collected: 08/19/24 13:26

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.325	U	0.288	0.289	1.00	0.438	pCi/L	08/26/24 08:22	09/17/24 07:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.4		30 - 110					08/26/24 08:22	09/17/24 07:44	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.274	U	0.447	0.447	1.00	0.908	pCi/L	08/26/24 08:25	09/16/24 12:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.4		30 - 110					08/26/24 08:25	09/16/24 12:50	1
Y Carrier	84.9		30 - 110					08/26/24 08:25	09/16/24 12:50	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.325	U	0.532	0.532	5.00	0.908	pCi/L		09/17/24 09:55	1

Client Sample ID: 24080170-006

Lab Sample ID: 160-55181-6

Date Collected: 08/20/24 11:14

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.261	U	0.344	0.345	1.00	0.576	pCi/L	08/26/24 08:22	09/17/24 07:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.8		30 - 110					08/26/24 08:22	09/17/24 07:44	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.346	U	0.560	0.561	1.00	0.960	pCi/L	08/26/24 08:25	09/16/24 12:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.8		30 - 110					08/26/24 08:25	09/16/24 12:51	1
Y Carrier	89.0		30 - 110					08/26/24 08:25	09/16/24 12:51	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.607	U	0.657	0.659	5.00	0.960	pCi/L		09/17/24 09:55	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1
SDG: 24080170

Client Sample ID: 24080170-007

Lab Sample ID: 160-55181-7

Date Collected: 08/20/24 09:48

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.973		0.347	0.358	1.00	0.323	pCi/L	08/26/24 08:22	09/17/24 07:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.0		30 - 110					08/26/24 08:22	09/17/24 07:44	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.48		0.630	0.645	1.00	0.839	pCi/L	08/26/24 08:25	09/16/24 12:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.0		30 - 110					08/26/24 08:25	09/16/24 12:51	1
Y Carrier	82.2		30 - 110					08/26/24 08:25	09/16/24 12:51	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	2.46		0.719	0.738	5.00	0.839	pCi/L		09/17/24 09:55	1

Client Sample ID: 24080170-008

Lab Sample ID: 160-55181-8

Date Collected: 08/20/24 10:11

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.257		0.181	0.182	1.00	0.246	pCi/L	08/26/24 08:22	09/17/24 07:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					08/26/24 08:22	09/17/24 07:44	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.611	U	0.441	0.444	1.00	0.673	pCi/L	08/26/24 08:25	09/16/24 12:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					08/26/24 08:25	09/16/24 12:51	1
Y Carrier	77.0		30 - 110					08/26/24 08:25	09/16/24 12:51	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.868		0.477	0.480	5.00	0.673	pCi/L		09/17/24 09:55	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1
SDG: 24080170

Client Sample ID: 24080170-009

Lab Sample ID: 160-55181-9

Date Collected: 08/20/24 10:19

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.119	U	0.137	0.138	1.00	0.221	pCi/L	08/26/24 08:22	09/17/24 07:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.9		30 - 110					08/26/24 08:22	09/17/24 07:45	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.321	U	0.313	0.315	1.00	0.502	pCi/L	08/26/24 08:25	09/16/24 12:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.9		30 - 110					08/26/24 08:25	09/16/24 12:51	1
Y Carrier	86.7		30 - 110					08/26/24 08:25	09/16/24 12:51	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.440	U	0.342	0.344	5.00	0.502	pCi/L		09/17/24 09:55	1

Client Sample ID: 24080170-011

Lab Sample ID: 160-55181-10

Date Collected: 08/19/24 12:37

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0542	U	0.181	0.181	1.00	0.335	pCi/L	08/26/24 08:22	09/17/24 07:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.6		30 - 110					08/26/24 08:22	09/17/24 07:45	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.202	U	0.359	0.359	1.00	0.617	pCi/L	08/26/24 08:25	09/16/24 12:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.6		30 - 110					08/26/24 08:25	09/16/24 12:51	1
Y Carrier	77.4		30 - 110					08/26/24 08:25	09/16/24 12:51	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.256	U	0.402	0.402	5.00	0.617	pCi/L		09/17/24 09:55	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1
SDG: 24080170

Client Sample ID: 24080170-012

Lab Sample ID: 160-55181-11

Date Collected: 08/19/24 11:43

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.428		0.252	0.255	1.00	0.306	pCi/L	08/26/24 08:22	09/17/24 07:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.4		30 - 110					08/26/24 08:22	09/17/24 07:45	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.419	U	0.518	0.519	1.00	0.858	pCi/L	08/26/24 08:25	09/16/24 12:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.4		30 - 110					08/26/24 08:25	09/16/24 12:52	1
Y Carrier	83.7		30 - 110					08/26/24 08:25	09/16/24 12:52	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	0.847	U	0.576	0.578	5.00	0.858	pCi/L		09/17/24 09:55	1

Client Sample ID: 24080170-013

Lab Sample ID: 160-55181-12

Date Collected: 08/20/24 10:57

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.491		0.233	0.238	1.00	0.276	pCi/L	08/26/24 08:22	09/17/24 07:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.7		30 - 110					08/26/24 08:22	09/17/24 07:45	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.546		0.336	0.340	1.00	0.487	pCi/L	08/26/24 08:25	09/16/24 12:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.7		30 - 110					08/26/24 08:25	09/16/24 12:52	1
Y Carrier	84.9		30 - 110					08/26/24 08:25	09/16/24 12:52	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	1.04		0.409	0.415	5.00	0.487	pCi/L		09/17/24 09:55	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1
SDG: 24080170

Client Sample ID: 24080170-014

Date Collected: 08/20/24 12:56

Date Received: 08/22/24 14:15

Lab Sample ID: 160-55181-13

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.469		0.209	0.214	1.00	0.225	pCi/L	08/26/24 08:22	09/17/24 07:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.9		30 - 110					08/26/24 08:22	09/17/24 07:45	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.324	U	0.315	0.317	1.00	0.502	pCi/L	08/26/24 08:25	09/16/24 12:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.9		30 - 110					08/26/24 08:25	09/16/24 12:52	1
Y Carrier	77.8		30 - 110					08/26/24 08:25	09/16/24 12:52	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	0.793		0.378	0.382	5.00	0.502	pCi/L		09/17/24 09:55	1

Client Sample ID: 24080170-015

Date Collected: 08/21/24 11:18

Date Received: 08/22/24 14:15

Lab Sample ID: 160-55181-14

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0286	U	0.158	0.158	1.00	0.303	pCi/L	08/26/24 08:22	09/17/24 07:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.6		30 - 110					08/26/24 08:22	09/17/24 07:45	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.599		0.356	0.360	1.00	0.513	pCi/L	08/26/24 08:25	09/16/24 12:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.6		30 - 110					08/26/24 08:25	09/16/24 12:52	1
Y Carrier	87.1		30 - 110					08/26/24 08:25	09/16/24 12:52	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	0.628		0.389	0.393	5.00	0.513	pCi/L		09/17/24 09:55	1

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Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1
SDG: 24080170

Client Sample ID: 24080170-016

Lab Sample ID: 160-55181-15

Date Collected: 08/20/24 11:47

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.165	U	0.192	0.193	1.00	0.315	pCi/L	08/26/24 08:22	09/17/24 07:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	101		30 - 110					08/26/24 08:22	09/17/24 07:45	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.284	U	0.301	0.302	1.00	0.489	pCi/L	08/26/24 08:25	09/16/24 12:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	101		30 - 110					08/26/24 08:25	09/16/24 12:52	1
Y Carrier	88.2		30 - 110					08/26/24 08:25	09/16/24 12:52	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	0.450	U	0.357	0.358	5.00	0.489	pCi/L		09/17/24 09:55	1

Client Sample ID: 24080170-017

Lab Sample ID: 160-55181-16

Date Collected: 08/21/24 10:19

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.200	U	0.190	0.191	1.00	0.295	pCi/L	08/26/24 08:11	09/17/24 09:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					08/26/24 08:11	09/17/24 09:51	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	0.419	U	0.452	0.454	1.00	0.737	pCi/L	08/26/24 08:19	09/16/24 12:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110					08/26/24 08:19	09/16/24 12:47	1
Y Carrier	72.9		30 - 110					08/26/24 08:19	09/16/24 12:47	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.619	U	0.490	0.493	5.00	0.737	pCi/L		09/17/24 09:55	1

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Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1
SDG: 24080170

Client Sample ID: 24080170-018

Lab Sample ID: 160-55181-17

Date Collected: 08/21/24 10:25

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.271		0.171	0.173	1.00	0.221	pCi/L	08/26/24 08:11	09/17/24 09:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.4		30 - 110					08/26/24 08:11	09/17/24 09:51	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	0.648	U	0.463	0.467	1.00	0.712	pCi/L	08/26/24 08:19	09/16/24 12:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.4		30 - 110					08/26/24 08:19	09/16/24 12:48	1
Y Carrier	76.6		30 - 110					08/26/24 08:19	09/16/24 12:48	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.919		0.494	0.498	5.00	0.712	pCi/L		09/17/24 09:55	1

Client Sample ID: 24080170-019

Lab Sample ID: 160-55181-18

Date Collected: 08/20/24 12:02

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0641	U	0.128	0.128	1.00	0.232	pCi/L	08/26/24 08:11	09/17/24 09:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					08/26/24 08:11	09/17/24 09:51	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	0.628		0.383	0.388	1.00	0.557	pCi/L	08/26/24 08:19	09/16/24 12:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					08/26/24 08:19	09/16/24 12:48	1
Y Carrier	80.7		30 - 110					08/26/24 08:19	09/16/24 12:48	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.692		0.404	0.409	5.00	0.557	pCi/L		09/17/24 09:55	1

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Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1
SDG: 24080170

Client Sample ID: 24080170-020

Lab Sample ID: 160-55181-19

Date Collected: 08/20/24 10:09

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.176	U	0.159	0.160	1.00	0.239	pCi/L	08/26/24 08:11	09/17/24 09:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					08/26/24 08:11	09/17/24 09:51	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	0.621	U	0.417	0.421	1.00	0.628	pCi/L	08/26/24 08:19	09/16/24 12:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					08/26/24 08:19	09/16/24 12:42	1
Y Carrier	79.6		30 - 110					08/26/24 08:19	09/16/24 12:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.797		0.446	0.450	5.00	0.628	pCi/L		09/17/24 09:55	1

Client Sample ID: 24080170-021

Lab Sample ID: 160-55181-20

Date Collected: 08/21/24 12:17

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.211	U	0.162	0.163	1.00	0.227	pCi/L	08/26/24 08:11	09/17/24 09:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					08/26/24 08:11	09/17/24 09:51	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.468	U	0.377	0.380	1.00	0.586	pCi/L	08/26/24 08:19	09/16/24 12:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					08/26/24 08:19	09/16/24 12:42	1
Y Carrier	78.1		30 - 110					08/26/24 08:19	09/16/24 12:42	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.679		0.410	0.413	5.00	0.586	pCi/L		09/18/24 13:57	1

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Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1
SDG: 24080170

Client Sample ID: 24080170-022

Lab Sample ID: 160-55181-21

Date Collected: 08/21/24 10:01

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.539		0.338	0.342	1.00	0.471	pCi/L	08/26/24 08:11	09/17/24 09:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.0		30 - 110					08/26/24 08:11	09/17/24 09:51	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	0.559	U	0.563	0.566	1.00	0.910	pCi/L	08/26/24 08:19	09/16/24 12:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.0		30 - 110					08/26/24 08:19	09/16/24 12:42	1
Y Carrier	79.3		30 - 110					08/26/24 08:19	09/16/24 12:42	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	1.10		0.657	0.661	5.00	0.910	pCi/L		09/18/24 13:57	1

Client Sample ID: 24080170-023

Lab Sample ID: 160-55181-22

Date Collected: 08/20/24 12:48

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.193	U	0.145	0.146	1.00	0.198	pCi/L	08/26/24 08:11	09/17/24 09:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.6		30 - 110					08/26/24 08:11	09/17/24 09:52	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	0.150	U	0.302	0.302	1.00	0.526	pCi/L	08/26/24 08:19	09/16/24 12:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.6		30 - 110					08/26/24 08:19	09/16/24 12:43	1
Y Carrier	82.2		30 - 110					08/26/24 08:19	09/16/24 12:43	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.343	U	0.335	0.335	5.00	0.526	pCi/L		09/18/24 13:57	1

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Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1
SDG: 24080170

Client Sample ID: 24080170-024

Lab Sample ID: 160-55181-23

Date Collected: 08/21/24 11:26

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.350		0.222	0.224	1.00	0.299	pCi/L	08/26/24 08:11	09/17/24 09:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.0		30 - 110					08/26/24 08:11	09/17/24 09:52	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	0.944		0.430	0.439	1.00	0.571	pCi/L	08/26/24 08:19	09/16/24 12:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.0		30 - 110					08/26/24 08:19	09/16/24 12:43	1
Y Carrier	81.5		30 - 110					08/26/24 08:19	09/16/24 12:43	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.29		0.484	0.493	5.00	0.571	pCi/L		09/18/24 13:57	1

Client Sample ID: 24080170-025

Lab Sample ID: 160-55181-24

Date Collected: 08/20/24 11:56

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.287		0.174	0.176	1.00	0.220	pCi/L	08/26/24 08:11	09/17/24 09:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.7		30 - 110					08/26/24 08:11	09/17/24 09:52	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	1.44		0.449	0.468	1.00	0.516	pCi/L	08/26/24 08:19	09/16/24 12:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.7		30 - 110					08/26/24 08:19	09/16/24 12:43	1
Y Carrier	84.9		30 - 110					08/26/24 08:19	09/16/24 12:43	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.73		0.482	0.500	5.00	0.516	pCi/L		09/18/24 13:57	1

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Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1
SDG: 24080170

Client Sample ID: 24080170-026

Lab Sample ID: 160-55181-25

Date Collected: 08/21/24 12:30

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.474		0.238	0.242	1.00	0.303	pCi/L	08/26/24 08:11	09/17/24 09:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					08/26/24 08:11	09/17/24 09:52	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	0.913		0.427	0.435	1.00	0.563	pCi/L	08/26/24 08:19	09/16/24 12:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					08/26/24 08:19	09/16/24 12:43	1
Y Carrier	78.1		30 - 110					08/26/24 08:19	09/16/24 12:43	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.39		0.489	0.498	5.00	0.563	pCi/L		09/18/24 13:57	1

Client Sample ID: 24080170-027

Lab Sample ID: 160-55181-26

Date Collected: 08/21/24 11:23

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0332	U	0.175	0.175	1.00	0.330	pCi/L	08/26/24 08:11	09/17/24 09:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.9		30 - 110					08/26/24 08:11	09/17/24 09:52	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	0.198	U	0.297	0.297	1.00	0.503	pCi/L	08/26/24 08:19	09/16/24 12:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.9		30 - 110					08/26/24 08:19	09/16/24 12:43	1
Y Carrier	86.7		30 - 110					08/26/24 08:19	09/16/24 12:43	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.231	U	0.345	0.345	5.00	0.503	pCi/L		09/18/24 13:57	1

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Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1
SDG: 24080170

Client Sample ID: 24080170-028

Lab Sample ID: 160-55181-27

Date Collected: 08/21/24 10:54

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.408		0.242	0.245	1.00	0.332	pCi/L	08/26/24 08:11	09/17/24 09:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.6		30 - 110					08/26/24 08:11	09/17/24 09:52	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	0.641	U	0.427	0.431	1.00	0.642	pCi/L	08/26/24 08:19	09/16/24 12:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.6		30 - 110					08/26/24 08:19	09/16/24 12:43	1
Y Carrier	76.6		30 - 110					08/26/24 08:19	09/16/24 12:43	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.05		0.491	0.496	5.00	0.642	pCi/L		09/18/24 13:57	1

Client Sample ID: 24080170-029

Lab Sample ID: 160-55181-28

Date Collected: 08/21/24 12:40

Matrix: Water

Date Received: 08/22/24 14:15

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.105	U	0.130	0.130	1.00	0.213	pCi/L	08/26/24 08:11	09/17/24 09:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.4		30 - 110					08/26/24 08:11	09/17/24 09:47	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.00912	U	0.291	0.291	1.00	0.544	pCi/L	08/26/24 08:19	09/16/24 12:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.4		30 - 110					08/26/24 08:19	09/16/24 12:44	1
Y Carrier	79.3		30 - 110					08/26/24 08:19	09/16/24 12:44	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	0.114	U	0.319	0.319	5.00	0.544	pCi/L		09/18/24 13:57	1

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Client Sample Results

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

ATTACHMENT B.
245 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1
SDG: 24080170

Client Sample ID: 24080170-030

Date Collected: 08/20/24 10:19

Date Received: 08/22/24 14:15

Lab Sample ID: 160-55181-29

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0745	U	0.105	0.105	1.00	0.178	pCi/L	08/26/24 08:11	09/17/24 09:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	98.0		30 - 110					08/26/24 08:11	09/17/24 09:47	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.490		0.311	0.314	1.00	0.451	pCi/L	08/26/24 08:19	09/16/24 12:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	98.0		30 - 110					08/26/24 08:19	09/16/24 12:44	1
Y Carrier	84.5		30 - 110					08/26/24 08:19	09/16/24 12:44	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	0.565		0.328	0.331	5.00	0.451	pCi/L		09/18/24 13:57	1

Client Sample ID: 24080170-031

Date Collected: 08/21/24 12:45

Date Received: 08/22/24 14:15

Lab Sample ID: 160-55181-30

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.135	U	0.141	0.141	1.00	0.219	pCi/L	08/26/24 08:11	09/17/24 09:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.4		30 - 110					08/26/24 08:11	09/17/24 09:47	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.395	U	0.310	0.313	1.00	0.473	pCi/L	08/26/24 08:19	09/16/24 12:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.4		30 - 110					08/26/24 08:19	09/16/24 12:44	1
Y Carrier	83.7		30 - 110					08/26/24 08:19	09/16/24 12:44	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	0.530		0.341	0.343	5.00	0.473	pCi/L		09/18/24 13:58	1

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QC Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1
SDG: 24080170

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-676618/1-A
Matrix: Water
Analysis Batch: 679726

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 676618

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.07409	U	0.136	0.137	1.00	0.242	pCi/L	08/26/24 08:11	09/17/24 09:51	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.2		30 - 110					08/26/24 08:11	09/17/24 09:51	1

Lab Sample ID: LCS 160-676618/2-A
Matrix: Water
Analysis Batch: 679726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 676618

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	7.907		1.03	1.00	0.264	pCi/L	83	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	93.9		30 - 110							

Lab Sample ID: 160-55181-16 DU
Matrix: Water
Analysis Batch: 679726

Client Sample ID: 24080170-017
Prep Type: Total/NA
Prep Batch: 676618

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.200	U	0.03772	U	0.152	1.00	0.291	pCi/L	0.47	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	84.8		30 - 110							

Lab Sample ID: MB 160-676621/1-A
Matrix: Water
Analysis Batch: 679727

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 676621

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1893	U	0.152	0.153	1.00	0.217	pCi/L	08/26/24 08:22	09/17/24 07:38	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.6		30 - 110					08/26/24 08:22	09/17/24 07:38	1

Lab Sample ID: LCS 160-676621/2-A
Matrix: Water
Analysis Batch: 679727

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 676621

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	8.874		1.12	1.00	0.194	pCi/L	93	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 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1
SDG: 24080170

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

Lab Sample ID: LCS 160-676621/2-A
Matrix: Water
Analysis Batch: 679727

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 676621

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	93.7		30 - 110

Lab Sample ID: 160-55181-8 DU
Matrix: Water
Analysis Batch: 679726

Client Sample ID: 24080170-008
Prep Type: Total/NA
Prep Batch: 676621

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.257		0.3984		0.203	1.00	0.233	pCi/L	0.37	1
	DU	DU								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	94.2		30 - 110							

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-676619/1-A
Matrix: Water
Analysis Batch: 679564

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 676619

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3152	U	0.297	0.298	1.00	0.471	pCi/L	08/26/24 08:19	09/16/24 12:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.2		30 - 110					08/26/24 08:19	09/16/24 12:47	1
Y Carrier	84.5		30 - 110					08/26/24 08:19	09/16/24 12:47	1

Lab Sample ID: LCS 160-676619/2-A
Matrix: Water
Analysis Batch: 679564

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 676619

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	8.51	8.827		1.24	1.00	0.526	pCi/L	104	75 - 125
	LCS	LCS							
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	93.9		30 - 110						
Y Carrier	85.6		30 - 110						

Lab Sample ID: 160-55181-16 DU
Matrix: Water
Analysis Batch: 679564

Client Sample ID: 24080170-017
Prep Type: Total/NA
Prep Batch: 676619

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	0.419	U	0.3931	U	0.419	1.00	0.678	pCi/L	0.03	1

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QC Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
Job ID: 160-55181-1
SDG: 24080170

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

Lab Sample ID: 160-55181-16 DU
Matrix: Water
Analysis Batch: 679564

Client Sample ID: 24080170-017
Prep Type: Total/NA
Prep Batch: 676619

	DU	DU	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	84.8		30 - 110
Y Carrier	76.3		30 - 110

Lab Sample ID: MB 160-676622/1-A
Matrix: Water
Analysis Batch: 679565

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 676622

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.07314	U	0.262	0.262	1.00	0.476	pCi/L	08/26/24 08:25	09/16/24 12:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.6		30 - 110					08/26/24 08:25	09/16/24 12:53	1
Y Carrier	85.6		30 - 110					08/26/24 08:25	09/16/24 12:53	1

Lab Sample ID: LCS 160-676622/2-A
Matrix: Water
Analysis Batch: 679565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 676622

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	8.51	8.108		1.16	1.00	0.490	pCi/L	95	75 - 125
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	93.7		30 - 110						
Y Carrier	84.5		30 - 110						

Lab Sample ID: 160-55181-8 DU
Matrix: Water
Analysis Batch: 679564

Client Sample ID: 24080170-008
Prep Type: Total/NA
Prep Batch: 676622

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	0.611	U	0.01416	U	0.297	1.00	0.555	pCi/L	0.81	1
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	94.2		30 - 110							
Y Carrier	80.7		30 - 110							

QC Association Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND

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

Job ID: 160-55181-1
SDG: 24080170

Rad

Prep Batch: 676618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-55181-16	24080170-017	Total/NA	Water	PrecSep-21	
160-55181-17	24080170-018	Total/NA	Water	PrecSep-21	
160-55181-18	24080170-019	Total/NA	Water	PrecSep-21	
160-55181-19	24080170-020	Total/NA	Water	PrecSep-21	
160-55181-20	24080170-021	Total/NA	Water	PrecSep-21	
160-55181-21	24080170-022	Total/NA	Water	PrecSep-21	
160-55181-22	24080170-023	Total/NA	Water	PrecSep-21	
160-55181-23	24080170-024	Total/NA	Water	PrecSep-21	
160-55181-24	24080170-025	Total/NA	Water	PrecSep-21	
160-55181-25	24080170-026	Total/NA	Water	PrecSep-21	
160-55181-26	24080170-027	Total/NA	Water	PrecSep-21	
160-55181-27	24080170-028	Total/NA	Water	PrecSep-21	
160-55181-28	24080170-029	Total/NA	Water	PrecSep-21	
160-55181-29	24080170-030	Total/NA	Water	PrecSep-21	
160-55181-30	24080170-031	Total/NA	Water	PrecSep-21	
MB 160-676618/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-676618/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-55181-16 DU	24080170-017	Total/NA	Water	PrecSep-21	

Prep Batch: 676619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-55181-16	24080170-017	Total/NA	Water	PrecSep_0	
160-55181-17	24080170-018	Total/NA	Water	PrecSep_0	
160-55181-18	24080170-019	Total/NA	Water	PrecSep_0	
160-55181-19	24080170-020	Total/NA	Water	PrecSep_0	
160-55181-20	24080170-021	Total/NA	Water	PrecSep_0	
160-55181-21	24080170-022	Total/NA	Water	PrecSep_0	
160-55181-22	24080170-023	Total/NA	Water	PrecSep_0	
160-55181-23	24080170-024	Total/NA	Water	PrecSep_0	
160-55181-24	24080170-025	Total/NA	Water	PrecSep_0	
160-55181-25	24080170-026	Total/NA	Water	PrecSep_0	
160-55181-26	24080170-027	Total/NA	Water	PrecSep_0	
160-55181-27	24080170-028	Total/NA	Water	PrecSep_0	
160-55181-28	24080170-029	Total/NA	Water	PrecSep_0	
160-55181-29	24080170-030	Total/NA	Water	PrecSep_0	
160-55181-30	24080170-031	Total/NA	Water	PrecSep_0	
MB 160-676619/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-676619/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-55181-16 DU	24080170-017	Total/NA	Water	PrecSep_0	

Prep Batch: 676621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-55181-1	24080170-001	Total/NA	Water	PrecSep-21	
160-55181-2	24080170-002	Total/NA	Water	PrecSep-21	
160-55181-3	24080170-003	Total/NA	Water	PrecSep-21	
160-55181-4	24080170-004	Total/NA	Water	PrecSep-21	
160-55181-5	24080170-005	Total/NA	Water	PrecSep-21	
160-55181-6	24080170-006	Total/NA	Water	PrecSep-21	
160-55181-7	24080170-007	Total/NA	Water	PrecSep-21	
160-55181-8	24080170-008	Total/NA	Water	PrecSep-21	
160-55181-9	24080170-009	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 3, 2024
KINCAID POWER PLANT, ASH POND

Job ID: 160-55181-1
SDG: 24080170

Rad (Continued)

Prep Batch: 676621 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-55181-10	24080170-011	Total/NA	Water	PrecSep-21	
160-55181-11	24080170-012	Total/NA	Water	PrecSep-21	
160-55181-12	24080170-013	Total/NA	Water	PrecSep-21	
160-55181-13	24080170-014	Total/NA	Water	PrecSep-21	
160-55181-14	24080170-015	Total/NA	Water	PrecSep-21	
160-55181-15	24080170-016	Total/NA	Water	PrecSep-21	
MB 160-676621/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-676621/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-55181-8 DU	24080170-008	Total/NA	Water	PrecSep-21	

Prep Batch: 676622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-55181-1	24080170-001	Total/NA	Water	PrecSep_0	
160-55181-2	24080170-002	Total/NA	Water	PrecSep_0	
160-55181-3	24080170-003	Total/NA	Water	PrecSep_0	
160-55181-4	24080170-004	Total/NA	Water	PrecSep_0	
160-55181-5	24080170-005	Total/NA	Water	PrecSep_0	
160-55181-6	24080170-006	Total/NA	Water	PrecSep_0	
160-55181-7	24080170-007	Total/NA	Water	PrecSep_0	
160-55181-8	24080170-008	Total/NA	Water	PrecSep_0	
160-55181-9	24080170-009	Total/NA	Water	PrecSep_0	
160-55181-10	24080170-011	Total/NA	Water	PrecSep_0	
160-55181-11	24080170-012	Total/NA	Water	PrecSep_0	
160-55181-12	24080170-013	Total/NA	Water	PrecSep_0	
160-55181-13	24080170-014	Total/NA	Water	PrecSep_0	
160-55181-14	24080170-015	Total/NA	Water	PrecSep_0	
160-55181-15	24080170-016	Total/NA	Water	PrecSep_0	
MB 160-676622/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-676622/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-55181-8 DU	24080170-008	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND

Job ID: 160-55181-1
SDG: 24080170

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)			
		Ba			
Lab Sample ID	Client Sample ID	(30-110)			
160-55181-1	24080170-001	88.3			
160-55181-2	24080170-002	89.3			
160-55181-3	24080170-003	87.3			
160-55181-4	24080170-004	90.6			
160-55181-5	24080170-005	77.4			
160-55181-6	24080170-006	87.8			
160-55181-7	24080170-007	86.0			
160-55181-8	24080170-008	87.3			
160-55181-8 DU	24080170-008	94.2			
160-55181-9	24080170-009	95.9			
160-55181-10	24080170-011	91.6			
160-55181-11	24080170-012	79.4			
160-55181-12	24080170-013	95.7			
160-55181-13	24080170-014	93.9			
160-55181-14	24080170-015	91.6			
160-55181-15	24080170-016	101			
160-55181-16	24080170-017	85.3			
160-55181-16 DU	24080170-017	84.8			
160-55181-17	24080170-018	93.4			
160-55181-18	24080170-019	90.4			
160-55181-19	24080170-020	88.8			
160-55181-20	24080170-021	90.4			
160-55181-21	24080170-022	83.0			
160-55181-22	24080170-023	91.6			
160-55181-23	24080170-024	84.0			
160-55181-24	24080170-025	93.7			
160-55181-25	24080170-026	88.8			
160-55181-26	24080170-027	91.9			
160-55181-27	24080170-028	90.6			
160-55181-28	24080170-029	96.4			
160-55181-29	24080170-030	98.0			
160-55181-30	24080170-031	92.4			
LCS 160-676618/2-A	Lab Control Sample	93.9			
LCS 160-676621/2-A	Lab Control Sample	93.7			
MB 160-676618/1-A	Method Blank	97.2			
MB 160-676621/1-A	Method Blank	92.6			

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)			
		Ba		Y	
Lab Sample ID	Client Sample ID	(30-110)	(30-110)	(30-110)	(30-110)
160-55181-1	24080170-001	88.3	84.9		
160-55181-2	24080170-002	89.3	72.9		
160-55181-3	24080170-003	87.3	83.4		
160-55181-4	24080170-004	90.6	84.5		

Eurofins St. Louis

Tracer/Carrier Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND

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

Job ID: 160-55181-1
SDG: 24080170

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)
160-55181-5	24080170-005	77.4	84.9
160-55181-6	24080170-006	87.8	89.0
160-55181-7	24080170-007	86.0	82.2
160-55181-8	24080170-008	87.3	77.0
160-55181-8 DU	24080170-008	94.2	80.7
160-55181-9	24080170-009	95.9	86.7
160-55181-10	24080170-011	91.6	77.4
160-55181-11	24080170-012	79.4	83.7
160-55181-12	24080170-013	95.7	84.9
160-55181-13	24080170-014	93.9	77.8
160-55181-14	24080170-015	91.6	87.1
160-55181-15	24080170-016	101	88.2
160-55181-16	24080170-017	85.3	72.9
160-55181-16 DU	24080170-017	84.8	76.3
160-55181-17	24080170-018	93.4	76.6
160-55181-18	24080170-019	90.4	80.7
160-55181-19	24080170-020	88.8	79.6
160-55181-20	24080170-021	90.4	78.1
160-55181-21	24080170-022	83.0	79.3
160-55181-22	24080170-023	91.6	82.2
160-55181-23	24080170-024	84.0	81.5
160-55181-24	24080170-025	93.7	84.9
160-55181-25	24080170-026	88.8	78.1
160-55181-26	24080170-027	91.9	86.7
160-55181-27	24080170-028	90.6	76.6
160-55181-28	24080170-029	96.4	79.3
160-55181-29	24080170-030	98.0	84.5
160-55181-30	24080170-031	92.4	83.7
LCS 160-676619/2-A	Lab Control Sample	93.9	85.6
LCS 160-676622/2-A	Lab Control Sample	93.7	84.5
MB 160-676619/1-A	Method Blank	97.2	84.5
MB 160-676622/1-A	Method Blank	92.6	85.6

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Site Sampling Event: KIN-24Q3
LIMS Workorder: 24080169
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Kincaid- 3Q 2024

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

WO Sample	Well ID	Program/ Sample Type	Weather				Well Condition				
			Temp (°F)	Precipitation	Wind Direction	Sky	Well Pad	Casing	Protective Cover	Reference Mark/ ID	Well Locked
001	MW-01	Groundwater Sample	73.0	None	S	Clear	Good	Good	Good	Yes	Yes
002	MW-02	Groundwater Sample	72.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
003	MW-03	Groundwater Sample	75.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
004	MW-04	Groundwater Sample	77.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
005	MW-05	Groundwater Sample	78.0	None	S	Partly cloudy	Good	Good	Good	Yes	Yes
006	MW-06	Groundwater Sample	70.0	None	S	Clear	Good	Good	Good	Yes	Yes
007	MW-07	Groundwater Sample	68.0	None	SW	Clear	Good	Good	Good	Yes	Yes
008	MW-07S	Groundwater Sample	69.0	None	SW	Clear	Good	Good	Good	Yes	Yes
009	MW-08	Groundwater Sample	70.0	None	W	Clear	Good	Good	Good	Yes	Yes
010	MW-08S	Groundwater Sample	72.0	None	W	Clear	Good	Good	Good	Yes	Yes
011	MW-09	Groundwater Sample	78.0	None	S	Clear	Good	Good	Good	Yes	Yes
012	MW-10	Groundwater Sample	75.0	None	S	Clear	Good	Good	Good	Yes	Yes
013	MW-11	Groundwater Sample	70.0	None	SW	Clear	Good	Good	Good	Yes	Yes
014	MW-12	Groundwater Sample	74.0	None	S	Clear	Good	Good	Good	Yes	Yes
015	MW-20	Groundwater Sample	67.0	None	W	Cloudy	Good	Good	Good	Yes	Yes
016	MW-20S	Groundwater Sample	73.0	None	SW	Clear	Good	Good	Good	Yes	Yes
017	MW-23	Groundwater Sample	62.0	None	W	Cloudy	Good	Good	Good	Yes	Yes
018	MW-27	Groundwater Sample	73.0	None	W	Clear	Good	Good	Good	Yes	Yes
019	MW-28	Groundwater Sample	73.0	None	S	Clear	Good	Good	Good	Yes	Yes
020	MW-30	Groundwater Sample	67.0	None	S	Clear	Good	Good	Good	Yes	Yes
021	MW-31	Groundwater Sample	70.0	None	W	Cloudy	Good	Good	Good	Yes	Yes
022	MW-31S	Groundwater Sample	63.0	None	W	Partly cloudy	Good	Good	Good	Yes	Yes
023	MW-32	Groundwater Sample	74.0	None	SW	Clear	Good	Good	Good	Yes	Yes
024	MW-33S	Groundwater Sample	65.0	None	W	Partly cloudy	Good	Good	Good	Yes	Yes
025	MW-34S	Groundwater Sample	74.0	None	W	Clear	Good	Good	Good	Yes	Yes
026	MW-35S	Groundwater Sample	70.0	None	W	Partly cloudy	Good	Good	Good	Yes	Yes
027	PZ-4A	Groundwater Sample	69.0	None	W	Partly cloudy	Good	Good	Good	Yes	Yes
028	PZ-4C	Groundwater Sample	67.0	None	W	Partly cloudy	Good	Good	Good	Yes	Yes
029	SG-02	DTW Only	72.0	None	S	Partly cloudy					
030	XSG-01	DTW Only	72.0	None	S	Partly cloudy					
031	Field Blank	QA/QC Sample	70.0	None	W	Cloudy					
032	MW-08 Duplicate	QA/QC Sample	70.0	None	W	Clear	Good	Good	Good	Yes	Yes
033	Equipment Blank	QA/QC Sample	70.0	None	W	Cloudy					

Site Sampling Event: KIN-24Q3

LIMS Workorder: 24080169

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary

Kincaid- 3Q 2024

WO Sample	Well ID	GW Level Measurement				Purge Activities						
		Sampler Initials	Date/Time	DTW (ft)	DTB (ft)	Sampler Initials	Purge Date	Purge Start Time	Purge End Time	Purging/Sampling Device	Well Diameter (in)	Purge Rate (mL/min)
001	MW-01	BG	8/19/24 9:59	16.24	27.10	BG	8/19/2024	09:59	10:26	Peristaltic Pump	2"	166.7
002	MW-02	JC	8/19/24 9:51	17.49	22.20	JC	8/19/2024	09:55	10:29	Bladder Pump	2"	117.6
003	MW-03	JC	8/19/24 10:52	8.70	26.20	JC	8/19/2024	10:53	11:32	Bladder Pump	2"	141.0
004	MW-04	JC	8/19/24 11:47	9.97	24.40	JC	8/19/2024	11:48	12:21	Bladder Pump	2"	181.8
005	MW-05	JC	8/19/24 12:46	28.00	41.70	JC	8/19/2024	12:47	13:26	Bladder Pump	2"	153.8
006	MW-06	JC	8/20/24 10:38	11.57	22.00	JC	8/20/2024	10:39	11:14	Bladder Pump	2"	185.7
007	MW-07	BG	8/20/24 9:31	10.24	21.80	BG	8/20/2024	09:30	09:48	Bladder Pump	2"	250.0
008	MW-07S	BG	8/20/24 9:53	10.64	13.49	BG	8/20/2024	09:53	10:11	Peristaltic Pump	2"	138.9
009	MW-08	TAC	8/20/24 9:52	9.33	24.00	PY	8/20/2024	09:55	10:19	Bladder Pump	2"	375.0
010	MW-08S	TAC	8/20/24 10:29	9.53	10.02	PY	8/20/2024	10:42	10:44	Peristaltic Pump	2"	
011	MW-09	BG	8/19/24 11:58	14.91	21.80	BG	8/19/2024	11:58	12:37	Peristaltic Pump	2"	243.6
012	MW-10	BG	8/19/24 10:46	12.77	21.90	BG	8/19/2024	10:46	11:43	Peristaltic Pump	2"	157.9
013	MW-11	BG	8/20/24 10:41	11.97	23.50	BG	8/20/2024	10:41	10:57	Bladder Pump	2"	156.3
014	MW-12	JC	8/20/24 12:22	7.21	27.60	JC	8/20/2024	12:24	12:56	Bladder Pump	2"	187.5
015	MW-20	JC	8/21/24 10:42	9.80	26.25	JC	8/21/2024	10:42	11:18	Bladder Pump	2"	166.7
016	MW-20S	BG	8/20/24 11:25	9.76	12.21	BG	8/20/2024	11:25	11:47	Peristaltic Pump	2"	136.4
017	MW-23	JC	8/21/24 9:35	16.59	30.27	JC	8/21/2024	09:37	10:19	Bladder Pump	2"	142.9
018	MW-27	TAC	8/20/24 10:53	16.34	17.70	PY	8/20/2024	10:57	11:07	Peristaltic Pump	2"	75.0
019	MW-28	JC	8/20/24 11:28	7.93	25.07	JC	8/20/2024	11:28	12:02	Bladder Pump	2"	147.1
020	MW-30	JC	8/20/24 9:30	25.29	42.47	JC	8/20/2024	09:31	10:09	Bladder Pump	2"	144.7
021	MW-31	JC	8/21/24 11:38	32.18	42.32	JC	8/21/2024	11:38	12:17	Bladder Pump	2"	128.2
022	MW-31S	BG	8/21/24 9:30	21.90	32.41	BG	8/21/2024	09:30	10:01	Peristaltic Pump	2"	112.9
023	MW-32	BG	8/20/24 12:21	25.16	39.29	BG	8/20/2024	12:21	12:48	Bladder Pump	2"	92.6
024	MW-33S	TAC	8/21/24 10:59	10.99	17.84	TAC	8/21/2024	11:00	11:26	Peristaltic Pump	2"	192.3
025	MW-34S	TAC	8/20/24 11:30	10.54	18.76	PY	8/20/2024	11:32	11:56	Peristaltic Pump	2"	187.5
026	MW-35S	TAC	8/21/24 11:59	9.77	18.44	TAC	8/21/2024	12:00	12:30	Peristaltic Pump	2"	200.0
027	PZ-4A	BG	8/21/24 11:00	9.03	12.94	BG	8/21/2024	11:00	11:23	Peristaltic Pump	2"	87.0
028	PZ-4C	BG	8/21/24 10:23	9.09	23.18	BG	8/21/2024	10:23	10:54	Peristaltic Pump	2"	129.0
029	SG-02	PY	8/19/24 12:17	19.73	-							
030	XSG-01	PY	8/19/24 10:10	5.12	-							
031	Field Blank				-					Direct Grab		
032	MW-08 Duplicate	TAC	8/20/24 9:52	9.33	24.00	PY	8/20/2024	09:55	10:19	Bladder Pump	2"	375.0
033	Equipment Blank				-					Direct Grab		

Site Sampling Event: KIN-24Q3
LIMS Workorder: 24080169
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Kincaid- 3Q 2024

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

WO Sample	Well ID	Sampling Activities and Observations										
		Sampler Initials	Date	Time	Sampling Method	Instrument ID	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
001	MW-01	BG	08/19/24	10:26	Low Flow	45985	Yes	Clear	None	Clear	16.97	0.73
002	MW-02	JC	08/19/24	10:29	Low Flow	218074	Yes	Cloudy	None	none	17.67	0.18
003	MW-03	JC	08/19/24	11:32	Low Flow	218074	Yes	Clear	None	none	8.95	0.25
004	MW-04	JC	08/19/24	12:21	Low Flow	218074	No	Clear	None	none	10.32	0.35
005	MW-05	JC	08/19/24	13:26	Low Flow	218074	Yes	Clear	None	none	30.28	2.28
006	MW-06	JC	08/20/24	11:14	Low Flow	218074	Yes	Clear	None	none	13.09	1.52
007	MW-07	BG	08/20/24	09:48	Low Flow	45985	Yes	Clear	Moderate	Clear	10.76	0.52
008	MW-07S	BG	08/20/24	10:11	Low Flow	45985	Yes	Clear	None	Clear	10.74	0.10
009	MW-08	PY	08/20/24	10:19	Low Flow	223344	Yes	Clear	None	None	9.93	0.60
010	MW-08S											
011	MW-09	BG	08/19/24	12:37	Low Flow	45985	No	Clear	None	Clear	15.84	0.93
012	MW-10	BG	08/19/24	11:43	Low Flow	45985	No	Clear	None	Clear	13.15	0.38
013	MW-11	BG	08/20/24	10:57	Low Flow	45985	Yes	Clear	None	Clear	13.06	1.09
014	MW-12	JC	08/20/24	12:56	Low Flow	218074	Yes	Clear	None	none	7.29	0.08
015	MW-20	JC	08/21/24	11:18	Low Flow	218074	Yes	Clear	None	none	15.58	5.78
016	MW-20S	BG	08/20/24	11:47	Low Flow	45985	Yes	Clear	None	Clear	9.98	0.22
017	MW-23	JC	08/21/24	10:19	Low Flow	218074	Yes	Clear	None	none	18.79	2.20
018	MW-27	TAC	08/21/24	10:25	Low Flow	223344	Yes	Clear	None	None	17.43	1.09
019	MW-28	JC	08/20/24	12:02	Low Flow	218074	Yes	Clear	None	none	8.39	0.46
020	MW-30	JC	08/20/24	10:09	Low Flow	218074	Yes	Clear	None	none	31.10	5.81
021	MW-31	JC	08/21/24	12:17	Low Flow	218074	Yes	Clear	None	none	33.41	1.23
022	MW-31S	BG	08/21/24	10:01	Low Flow	45985	Yes	Slightly cloudy	None	Clear	22.75	0.85
023	MW-32	BG	08/20/24	12:48	Low Flow	45985	Yes	Clear	None	Clear	25.62	0.46
024	MW-33S	TAC	08/21/24	11:26	Low Flow	223344	Yes	Clear	None	None	12.71	1.72
025	MW-34S	PY	08/20/24	11:56	Low Flow	223344	Yes	Clear	None	None	12.48	1.94
026	MW-35S	TAC	08/20/24	12:30	Low Flow	223344	Yes	Clear	None	None	12.35	2.58
027	PZ-4A	BG	08/21/24	11:23	Low Flow	45985	Yes	Clear	None	Clear	9.78	0.75
028	PZ-4C	BG	08/21/24	10:54	Low Flow	45985	Yes	Clear	Slight	Clear	9.63	0.54
029	SG-02											
030	XSG-01											
031	Field Blank	JC	08/21/24	12:40	Direct Sample		No	Clear	None	None	-	-
032	MW-08 Duplicate	PY	08/20/24	10:19	Low Flow	223344	Yes	Clear	None	None	9.93	0.60
033	Equipment Blank	JC	08/21/24	12:45	Direct Sample		No	Clear	None	None	-	-

Site Sampling Event: KIN-24Q3
LIMS Workorder: 24080169
Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Summary
Kincaid- 3Q 2024

WO Sample	Well ID	COMMENTS
001	MW-01	
002	MW-02	
003	MW-03	
004	MW-04	
005	MW-05	
006	MW-06	
007	MW-07	
008	MW-07S	
009	MW-08	
010	MW-08S	Well Went dry during pumping. No recharge, no sample.
011	MW-09	
012	MW-10	
013	MW-11	
014	MW-12	
015	MW-20	
016	MW-20S	
017	MW-23	
018	MW-27	Well went dry during purge (8/20), sample collected 8/21.
019	MW-28	
020	MW-30	
021	MW-31	
022	MW-31S	
023	MW-32	
024	MW-33S	
025	MW-34S	
026	MW-35S	
027	PZ-4A	
028	PZ-4C	
029	SG-02	
030	XSG-01	
031	Field Blank	
032	MW-08 Duplicate	
033	Equipment Blank	Equipment blank collected from water meter (measurement tape).

Site Sampling Event: KIN-24Q3

LIMS Workorder: 24080169

Technician(s): DC, JC, TC, BG, PY

Stabilized Field Parameters Summary

Kincaid- 3Q 2024

Well ID	Date	Time	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	DTW (ft)	LIMS ID
MW-01	8/19/2024	10:26	18.8	65.9	6.13	558.2	2.60	8.07	143.7	16.24	24080169-001A
MW-02	8/19/2024	10:29	21.1	70.0	7.06	750.4	4.10	196.64	84.4	17.49	24080169-002A
MW-03	8/19/2024	11:32	18.2	64.7	6.69	892.0	3.57	1.44	88.7	8.70	24080169-003A
MW-04	8/19/2024	12:21	17.6	63.7	6.71	789.7	3.41	15.82	-115.0	9.97	24080169-004A
MW-05	8/19/2024	13:26	17.5	63.6	6.55	1,234.9	3.36	17.82	1.7	28.00	24080169-005A
MW-06	8/20/2024	11:14	16.9	62.3	6.45	745.5	4.96	3.69	87.9	11.57	24080169-006A
MW-07	8/20/2024	9:48	17.4	63.4	6.83	1,230.3	0.72	6.96	-139.6	10.24	24080169-007A
MW-07S	8/20/2024	10:11	19.3	66.8	6.66	1,604.5	3.00	10.15	-65.8	10.64	24080169-008A
MW-08	8/20/2024	10:19	15.7	60.2	6.41	763.4	0.51	1.22	118.7	9.33	24080169-009A
MW-8S	8/20/2024	Well went dry during purge (8/20), no recharge (8/21), no sample								9.53	24080169-010A
MW-09	8/19/2024	12:37	17.5	63.5	6.55	689.4	3.96	41.43	115.2	14.91	24080169-011A
MW-10	8/19/2024	11:43	19.5	67.0	6.39	1,788.9	2.91	6.33	88.1	12.77	24080169-012A
MW-11	8/20/2024	10:57	17.9	64.2	6.67	1,033.6	0.77	2.38	35.7	11.97	24080169-013A
MW-12	8/20/2024	12:56	18.4	65.2	6.74	1,422.6	3.52	16.21	-67.1	7.21	24080169-014A
MW-20	8/21/2024	11:18	16.9	62.4	6.90	979.5	4.03	14.99	-40.9	9.80	24080169-015A
MW-20S	8/20/2024	11:47	19.0	66.2	6.60	1,425.4	1.60	8.78	30.5	9.76	24080169-016A
MW-23	8/21/2024	10:19	16.1	61.1	6.80	954.2	4.31	0.40	-149.8	16.59	24080169-017A
MW-27	8/21/2024	10:25	18.4	65.0	6.54	993.1	4.69	42.95	-6.1	16.34	24080169-018A
MW-28	8/20/2024	12:02	17.5	63.5	6.73	2,294.1	3.84	0.95	76.6	7.93	24080169-019A
MW-30	8/20/2024	10:09	16.3	61.4	6.61	1,032.0	4.30	0.86	-100.6	25.29	24080169-020A
MW-31	8/21/2024	12:17	16.7	62.1	6.69	1,041.6	3.56	0.29	-89.9	32.18	24080169-021A
MW-31S	8/21/2024	10:01	21.2	70.2	6.71	1,310.9	5.58	19.35	-67.8	21.90	24080169-022A
MW-32	8/20/2024	12:48	16.2	61.2	6.41	1,405.2	1.10	2.31	16.2	25.16	24080169-023A
MW-33S	8/21/2024	11:26	18.5	65.3	6.60	765.1	2.81	4.04	134.0	10.99	24080169-024A
MW-34S	8/20/2024	11:56	18.7	65.6	6.60	826.8	4.00	6.57	78.8	10.54	24080169-025A
MW-35S	8/21/2024	12:30	18.6	65.5	6.67	775.3	4.39	31.39	129.9	9.77	24080169-026A
PZ-4A	8/21/2024	11:23	20.3	68.6	6.57	1,133.7	4.32	4.13	26.7	9.03	24080169-027A
PZ-4C	8/21/2024	10:54	17.6	63.7	6.83	950.2	1.94	96.37	-68.0	9.09	24080169-028A
SG-02	8/19/2024	12:17	DTW Only							19.73	24080169-029A
XSG-01	8/19/2024	10:10	DTW Only							5.12	24080169-030A
Field Blank	8/21/2024	12:40	QA/QC Sample							-	24080169-031A
MW-08 Duplicate	8/20/2024	10:19	15.7	60.2	6.41	763.4	0.51	1.22	118.7	9.33	24080169-032A
Equipment Blank	8/21/2024	12:45	QA/QC Sample							-	24080169-033A

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-01	8/19/2024	10:11	16.24	18.8	65.8	6.11	558.3	3.22	23.82	144.8
MW-01	8/19/2024	10:14	16.24	19.0	66.2	6.12	560.0	3.03	32.03	144.9
MW-01	8/19/2024	10:17	16.24	18.9	66.0	6.12	559.2	2.92	25.22	145.0
MW-01	8/19/2024	10:20	16.24	18.9	66.0	6.12	560.9	2.87	26.20	145.5
MW-01	8/19/2024	10:23	16.24	19.0	66.2	6.13	559.0	2.76	10.54	144.5
MW-01	8/19/2024	10:26	16.24	18.8	65.9	6.13	558.2	2.60	8.07	143.7

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-02	8/19/2024	10:14	17.49	20.5	68.8	7.04	753.9	5.00	147.10	109.0
MW-02	8/19/2024	10:17	17.49	20.5	68.9	7.05	753.7	4.75	155.12	104.1
MW-02	8/19/2024	10:20	17.49	20.4	68.6	7.06	751.7	4.55	159.31	98.6
MW-02	8/19/2024	10:23	17.49	20.5	68.9	7.06	749.0	4.38	168.94	93.3
MW-02	8/19/2024	10:26	17.49	20.8	69.4	7.06	749.3	4.23	201.95	89.2
MW-02	8/19/2024	10:29	17.49	21.1	70.0	7.06	750.4	4.10	196.64	84.4

Site Sampling Event: KIN-24Q3

LIMS Workorder: 24080169

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Form- Quality Parameters

Kincaid- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-03	8/19/2024	11:02	8.70	18.1	64.6	6.68	893.2	5.74	4.40	75.8
MW-03	8/19/2024	11:05	8.70	18.2	64.8	6.69	894.1	5.27	4.25	79.2
MW-03	8/19/2024	11:08	8.70	18.1	64.6	6.69	893.4	4.94	3.94	81.6
MW-03	8/19/2024	11:11	8.70	18.2	64.7	6.69	892.9	4.66	4.19	83.5
MW-03	8/19/2024	11:14	8.70	18.1	64.6	6.69	893.0	4.41	4.11	85.3
MW-03	8/19/2024	11:17	8.70	18.2	64.7	6.68	892.4	4.23	4.06	86.2
MW-03	8/19/2024	11:20	8.70	18.3	64.9	6.68	893.1	4.05	3.10	86.9
MW-03	8/19/2024	11:23	8.70	17.9	64.3	6.69	891.8	3.91	2.37	87.9
MW-03	8/19/2024	11:26	8.70	18.1	64.5	6.68	890.9	3.79	1.99	88.3
MW-03	8/19/2024	11:29	8.70	18.3	64.9	6.68	892.1	3.67	1.95	88.1
MW-03	8/19/2024	11:32	8.70	18.2	64.7	6.69	892.0	3.57	1.44	88.7

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-04	8/19/2024	11:57	9.97	17.9	64.2	6.77	798.6	5.27	4.32	-96.7
MW-04	8/19/2024	12:00	9.97	17.6	63.7	6.76	797.1	4.84	6.38	-99.9
MW-04	8/19/2024	12:03	9.97	17.5	63.6	6.74	794.9	4.48	11.13	-101.3
MW-04	8/19/2024	12:06	9.97	17.0	62.7	6.73	792.4	4.23	24.51	-102.6
MW-04	8/19/2024	12:09	9.97	17.3	63.1	6.71	789.5	4.02	27.36	-104.5
MW-04	8/19/2024	12:12	9.97	17.7	63.9	6.71	790.4	3.83	32.84	-107.0
MW-04	8/19/2024	12:15	9.97	17.7	63.9	6.71	790.2	3.67	32.99	-109.0
MW-04	8/19/2024	12:18	9.97	17.8	64.0	6.71	789.7	3.53	13.30	-112.4
MW-04	8/19/2024	12:21	9.97	17.6	63.7	6.71	789.7	3.41	15.82	-115.0

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-05	8/19/2024	12:59	28.00	17.5	63.4	6.56	1,218.0	5.18	32.04	-7.3
MW-05	8/19/2024	13:02	28.00	17.6	63.7	6.56	1,221.6	4.80	30.90	-4.7
MW-05	8/19/2024	13:05	28.00	17.2	62.9	6.56	1,221.5	4.52	26.31	-3.2
MW-05	8/19/2024	13:08	28.00	17.6	63.7	6.56	1,222.7	4.25	26.65	-2.2
MW-05	8/19/2024	13:11	28.00	17.7	63.9	6.56	1,228.4	4.03	24.34	-1.7
MW-05	8/19/2024	13:14	28.00	17.4	63.4	6.56	1,230.6	3.86	22.23	-0.4
MW-05	8/19/2024	13:17	28.00	17.4	63.3	6.56	1,231.2	3.70	20.45	0.5
MW-05	8/19/2024	13:20	28.00	17.1	62.8	6.56	1,234.7	3.59	17.45	0.8
MW-05	8/19/2024	13:23	28.00	17.2	63.0	6.55	1,232.1	3.48	17.29	1.9
MW-05	8/19/2024	13:26	28.00	17.5	63.6	6.55	1,234.9	3.36	17.82	1.7

Site Sampling Event: KIN-24Q3

LIMS Workorder: 24080169

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Form- Quality Parameters

Kincaid- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-06	8/20/2024	10:47	11.57	16.9	62.4	6.44	757.8	6.65	14.38	73.9
MW-06	8/20/2024	10:50	11.57	16.9	62.5	6.43	756.9	6.28	14.18	77.7
MW-06	8/20/2024	10:53	11.57	16.9	62.4	6.43	755.7	6.01	11.00	81.2
MW-06	8/20/2024	10:56	11.57	16.9	62.4	6.43	754.5	5.81	9.29	82.9
MW-06	8/20/2024	10:59	11.57	16.8	62.3	6.43	752.9	5.63	6.61	84.8
MW-06	8/20/2024	11:02	11.57	16.9	62.4	6.44	748.7	5.47	5.40	86.1
MW-06	8/20/2024	11:05	11.57	16.8	62.2	6.44	745.7	5.32	5.67	87.2
MW-06	8/20/2024	11:08	11.57	16.9	62.4	6.45	744.1	5.18	4.44	87.1
MW-06	8/20/2024	11:11	11.57	16.8	62.3	6.45	744.7	5.06	4.21	88.0
MW-06	8/20/2024	11:14	11.57	16.9	62.3	6.45	745.5	4.96	3.69	87.9

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-07	8/20/2024	9:39	10.24	17.9	64.2	6.82	1,259.8	0.89	5.76	-142.8
MW-07	8/20/2024	9:42	10.24	18.8	65.9	6.81	1,250.3	0.81	4.88	-143.2
MW-07	8/20/2024	9:45	10.24	18.7	65.7	6.82	1,243.4	0.77	5.47	-141.9
MW-07	8/20/2024	9:48	10.24	17.4	63.4	6.83	1,230.3	0.72	6.96	-139.6

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-07S	8/20/2024	10:02	10.64	19.0	66.2	6.66	1,604.3	3.18	19.90	-75.9
MW-07S	8/20/2024	10:05	10.64	19.1	66.3	6.66	1,605.5	3.18	10.08	-70.8
MW-07S	8/20/2024	10:08	10.64	19.1	66.4	6.66	1,606.4	3.08	9.43	-67.8
MW-07S	8/20/2024	10:11	10.64	19.3	66.8	6.66	1,604.5	3.00	10.15	-65.8

Site Sampling Event: KIN-24Q3

LIMS Workorder: 24080169

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Form- Quality Parameters

Kincaid- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-08	8/20/2024	10:10	9.33	15.8	60.4	6.38	762.8	0.74	3.16	107.5
MW-08	8/20/2024	10:13	9.33	15.8	60.4	6.39	762.8	0.60	1.88	116.1
MW-08	8/20/2024	10:16	9.33	15.7	60.3	6.40	763.0	0.56	1.50	119.0
MW-08	8/20/2024	10:19	9.33	15.7	60.2	6.41	763.4	0.51	1.22	118.7

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-08S	8/20/2024	-	9.53	Well Went dry during purge (8/20). No recharge (8/21), no sample.						

Site Sampling Event: KIN-24Q3

LIMS Workorder: 24080169

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Form- Quality Parameters

Kincaid- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-09	8/19/2024	12:25	14.91	16.9	62.4	6.58	680.3	4.00	24.08	110.1
MW-09	8/19/2024	12:28	14.91	17.0	62.6	6.57	682.2	3.98	33.41	111.9
MW-09	8/19/2024	12:31	14.91	17.0	62.5	6.56	685.0	4.02	23.56	113.2
MW-09	8/19/2024	12:34	14.91	17.4	63.3	6.55	685.4	3.98	17.25	114.5
MW-09	8/19/2024	12:37	14.91	17.5	63.5	6.55	689.4	3.96	41.43	115.2

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-10	8/19/2024	11:31	12.77	19.0	66.2	6.41	1,848.4	3.36	15.80	53.0
MW-10	8/19/2024	11:34	12.77	19.0	66.2	6.39	1,843.3	3.23	9.21	69.1
MW-10	8/19/2024	11:37	12.77	19.2	66.6	6.39	1,839.1	3.04	8.14	77.8
MW-10	8/19/2024	11:40	12.77	19.2	66.5	6.38	1,800.7	2.85	8.00	83.7
MW-10	8/19/2024	11:43	12.77	19.5	67.0	6.39	1,788.9	2.91	6.33	88.1

Site Sampling Event: KIN-24Q3

LIMS Workorder: 24080169

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Form- Quality Parameters

Kincaid- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-11	8/20/2024	10:48	11.97	17.9	64.2	6.71	1,032.6	1.04	2.85	38.3
MW-11	8/20/2024	10:51	11.97	17.9	64.3	6.69	1,029.5	0.90	2.63	40.0
MW-11	8/20/2024	10:54	11.97	17.9	64.1	6.68	1,031.6	0.82	2.96	38.8
MW-11	8/20/2024	10:57	11.97	17.9	64.2	6.67	1,033.6	0.77	2.38	35.7

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-12	8/20/2024	12:32	7.21	18.5	65.3	6.80	1,417.2	5.42	25.87	-69.9
MW-12	8/20/2024	12:35	7.21	18.7	65.6	6.80	1,405.5	4.96	31.66	-72.9
MW-12	8/20/2024	12:38	7.21	18.3	65.0	6.79	1,410.6	4.62	20.76	-73.4
MW-12	8/20/2024	12:41	7.21	18.6	65.4	6.78	1,409.0	4.35	13.79	-72.8
MW-12	8/20/2024	12:44	7.21	18.6	65.5	6.77	1,415.0	4.10	11.65	-72.0
MW-12	8/20/2024	12:47	7.21	18.4	65.2	6.76	1,416.7	3.92	12.43	-71.0
MW-12	8/20/2024	12:50	7.21	18.2	64.7	6.75	1,417.3	3.78	13.14	-69.5
MW-12	8/20/2024	12:53	7.21	18.4	65.1	6.74	1,421.9	3.62	14.46	-68.4
MW-12	8/20/2024	12:56	7.21	18.4	65.2	6.74	1,422.6	3.52	16.21	-67.1

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-20	8/21/2024	10:54	9.80	16.3	61.4	6.89	1,014.9	5.46	12.96	-42.4
MW-20	8/21/2024	10:57	9.80	16.3	61.4	6.89	1,007.5	5.15	12.11	-44.5
MW-20	8/21/2024	11:00	9.80	16.3	61.3	6.90	988.9	4.94	14.12	-41.9
MW-20	8/21/2024	11:03	9.80	16.3	61.3	6.90	981.8	4.78	9.12	-40.6
MW-20	8/21/2024	11:06	9.80	16.3	61.4	6.90	979.6	4.61	9.26	-40.2
MW-20	8/21/2024	11:09	9.80	16.4	61.6	6.90	979.2	4.45	12.32	-39.9
MW-20	8/21/2024	11:12	9.80	16.7	62.0	6.90	979.1	4.29	13.10	-40.6
MW-20	8/21/2024	11:15	9.80	16.6	61.9	6.90	979.5	4.16	14.93	-40.7
MW-20	8/21/2024	11:18	9.80	16.9	62.4	6.90	979.5	4.03	14.99	-40.9

Site Sampling Event: KIN-24Q3

LIMS Workorder: 24080169

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Form- Quality Parameters

Kincaid- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-20S	8/20/2024	11:38	9.76	19.9	67.7	6.63	1,491.6	2.04	13.17	40.9
MW-20S	8/20/2024	11:41	9.76	19.6	67.4	6.62	1,463.3	1.92	9.95	31.2
MW-20S	8/20/2024	11:44	9.76	19.4	66.9	6.61	1,441.0	1.79	9.29	31.5
MW-20S	8/20/2024	11:47	9.76	19.0	66.2	6.60	1,425.4	1.60	8.78	30.5

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-23	8/21/2024	9:46	16.59	15.8	60.5	6.76	957.4	7.11	2.93	-147.5
MW-23	8/21/2024	9:49	16.59	15.8	60.4	6.79	957.8	6.59	3.69	-156.4
MW-23	8/21/2024	9:52	16.59	15.8	60.5	6.81	957.5	6.18	2.86	-161.7
MW-23	8/21/2024	9:55	16.59	15.8	60.5	6.81	956.7	5.84	2.61	-161.4
MW-23	8/21/2024	9:58	16.59	15.8	60.5	6.81	956.2	5.55	2.26	-160.9
MW-23	8/21/2024	10:01	16.59	15.9	60.6	6.81	955.7	5.31	2.20	-159.8
MW-23	8/21/2024	10:04	16.59	16.0	60.8	6.81	955.4	5.09	1.74	-158.3
MW-23	8/21/2024	10:07	16.59	16.3	61.4	6.81	955.8	4.89	1.34	-156.7
MW-23	8/21/2024	10:10	16.59	16.5	61.6	6.81	957.4	4.71	0.88	-154.4
MW-23	8/21/2024	10:13	16.59	16.2	61.2	6.80	955.9	4.57	0.63	-152.4
MW-23	8/21/2024	10:16	16.59	16.2	61.2	6.80	955.3	4.43	0.40	-151.0
MW-23	8/21/2024	10:19	16.59	16.1	61.1	6.80	954.2	4.31	0.40	-149.8

Site Sampling Event: KIN-24Q3

LIMS Workorder: 24080169

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Form- Quality Parameters

Kincaid- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-27	8/20/2024	11:04	16.34	16.9	62.5	6.58	1,054.3	1.43	27.26	-99.2
MW-27	8/20/2024	11:07	16.34	17.9	64.1	6.57	1,049.7	1.78	35.25	-98.0
MW-27	8/21/2024	10:25	16.34	18.4	65.0	6.54	993.1	4.69	42.95	-6.1

Site Sampling Event: KIN-24Q3

LIMS Workorder: 24080169

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Form- Quality Parameters

Kincaid- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-28	8/20/2024	11:32	7.93	17.8	64.0	6.71	2,264.1	6.73	4.17	77.0
MW-28	8/20/2024	11:35	7.93	17.5	63.4	6.70	2,221.7	6.08	2.69	77.3
MW-28	8/20/2024	11:38	7.93	17.5	63.5	6.71	2,212.4	5.54	2.38	77.0
MW-28	8/20/2024	11:41	7.93	17.4	63.3	6.72	2,230.8	5.17	2.09	77.6
MW-28	8/20/2024	11:44	7.93	17.4	63.3	6.72	2,246.4	4.86	1.85	77.0
MW-28	8/20/2024	11:47	7.93	17.4	63.2	6.73	2,263.8	4.63	2.74	77.8
MW-28	8/20/2024	11:50	7.93	17.3	63.2	6.73	2,274.0	4.42	3.49	77.0
MW-28	8/20/2024	11:53	7.93	17.4	63.3	6.73	2,280.9	4.24	4.08	76.6
MW-28	8/20/2024	11:56	7.93	17.5	63.5	6.73	2,283.4	4.09	4.24	76.8
MW-28	8/20/2024	11:59	7.93	17.5	63.4	6.73	2,291.7	3.96	6.07	77.1
MW-28	8/20/2024	12:02	7.93	17.5	63.5	6.73	2,294.1	3.84	0.95	76.6

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-30	8/20/2024	9:39	25.29	16.5	61.7	6.54	1,043.4	7.19	5.36	-58.7
MW-30	8/20/2024	9:42	25.29	16.5	61.7	6.56	1,037.3	6.57	4.02	-73.6
MW-30	8/20/2024	9:45	25.29	16.4	61.5	6.58	1,035.8	6.11	3.20	-81.8
MW-30	8/20/2024	9:48	25.29	16.4	61.5	6.60	1,032.3	5.73	3.08	-86.9
MW-30	8/20/2024	9:51	25.29	16.4	61.5	6.60	1,032.1	5.42	2.72	-90.1
MW-30	8/20/2024	9:54	25.29	16.3	61.4	6.61	1,032.2	5.16	2.29	-93.4
MW-30	8/20/2024	9:57	25.29	16.3	61.3	6.61	1,031.3	4.95	1.87	-96.1
MW-30	8/20/2024	10:00	25.29	16.3	61.4	6.61	1,031.1	4.76	0.88	-97.5
MW-30	8/20/2024	10:03	25.29	16.4	61.5	6.61	1,030.6	4.58	0.77	-98.9
MW-30	8/20/2024	10:06	25.29	16.3	61.4	6.62	1,031.9	4.44	0.73	-99.7
MW-30	8/20/2024	10:09	25.29	16.3	61.4	6.61	1,032.0	4.30	0.86	-100.6

Site Sampling Event: KIN-24Q3

LIMS Workorder: 24080169

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Form- Quality Parameters

Kincaid- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-31	8/21/2024	11:50	32.18	16.8	62.2	6.68	1,037.2	5.28	2.89	-91.3
MW-31	8/21/2024	11:53	32.18	16.9	62.4	6.68	1,039.4	4.91	2.45	-91.6
MW-31	8/21/2024	11:56	32.18	17.1	62.8	6.69	1,040.7	4.62	2.38	-91.8
MW-31	8/21/2024	11:59	32.18	17.1	62.8	6.69	1,041.2	4.38	2.09	-91.7
MW-31	8/21/2024	12:02	32.18	17.0	62.6	6.69	1,042.1	4.20	2.02	-91.4
MW-31	8/21/2024	12:05	32.18	16.6	62.0	6.69	1,039.9	4.03	1.59	-91.1
MW-31	8/21/2024	12:08	32.18	16.6	61.9	6.69	1,038.1	3.92	1.05	-90.4
MW-31	8/21/2024	12:11	32.18	16.8	62.3	6.69	1,041.0	3.77	0.68	-90.4
MW-31	8/21/2024	12:14	32.18	16.9	62.5	6.68	1,042.1	3.66	0.65	-90.0
MW-31	8/21/2024	12:17	32.18	16.7	62.1	6.69	1,041.6	3.56	0.29	-89.9

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-31S	8/21/2024	9:46	21.90	18.9	66.1	6.67	1,305.4	4.88	14.16	-71.7
MW-31S	8/21/2024	9:49	21.90	19.6	67.2	6.69	1,305.9	5.09	14.55	-69.0
MW-31S	8/21/2024	9:52	21.90	20.1	68.2	6.69	1,306.1	5.23	16.57	-66.7
MW-31S	8/21/2024	9:55	21.90	20.4	68.6	6.71	1,304.1	5.35	17.50	-67.7
MW-31S	8/21/2024	9:58	21.90	20.8	69.4	6.71	1,304.8	5.44	18.73	-67.5
MW-31S	8/21/2024	10:01	21.90	21.2	70.2	6.71	1,310.9	5.58	19.35	-67.8

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-32	8/20/2024	12:33	25.16	16.9	62.4	6.45	1,422.3	1.40	1.85	16.9
MW-32	8/20/2024	12:36	25.16	16.4	61.6	6.42	1,412.4	1.01	2.20	16.4
MW-32	8/20/2024	12:39	25.16	16.4	61.5	6.42	1,403.4	0.90	1.96	16.4
MW-32	8/20/2024	12:42	25.16	<i>Tubing disconnected from flow cell</i>						
MW-32	8/20/2024	12:45	25.16	16.3	61.3	6.43	1,408.1	1.47	2.97	16.3
MW-32	8/20/2024	12:48	25.16	16.2	61.2	6.41	1,405.2	1.10	2.31	16.2

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-33S	8/21/2024	11:14	10.99	17.8	64.0	6.60	765.3	2.96	13.80	137.6
MW-33S	8/21/2024	11:17	10.99	17.8	64.1	6.60	764.3	2.90	9.25	136.7
MW-33S	8/21/2024	11:20	10.99	18.2	64.7	6.60	763.8	2.85	8.51	135.9
MW-33S	8/21/2024	11:23	10.99	18.3	65.0	6.60	764.4	2.90	7.91	135.0
MW-33S	8/21/2024	11:26	10.99	18.5	65.3	6.60	765.1	2.81	4.04	134.0

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-34S	8/20/2024	11:41	10.54	18.2	64.7	6.54	823.1	2.85	14.62	46.5
MW-34S	8/20/2024	11:44	10.54	18.4	65.0	6.52	823.9	2.71	15.51	56.5
MW-34S	8/20/2024	11:47	10.54	18.4	65.2	6.53	821.4	2.89	15.99	64.1
MW-34S	8/20/2024	11:50	10.54	18.7	65.6	6.55	819.7	3.27	16.77	69.7
MW-34S	8/20/2024	11:53	10.54	18.8	65.9	6.58	821.3	3.62	16.55	74.1
MW-34S	8/20/2024	11:56	10.54	18.7	65.6	6.60	826.8	4.00	6.57	78.8

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-35S	8/21/2024	12:18	9.77	18.8	65.8	6.63	783.7	3.05	30.73	143.1
MW-35S	8/21/2024	12:21	9.77	19.0	66.2	6.64	781.1	3.21	34.74	140.6
MW-35S	8/21/2024	12:24	9.77	19.0	66.1	6.65	780.0	3.62	39.87	136.9
MW-35S	8/21/2024	12:27	9.77	18.8	65.8	6.66	777.9	4.03	38.95	133.6
MW-35S	8/21/2024	12:30	9.77	18.6	65.5	6.67	775.3	4.39	31.39	129.9

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ-4A	8/21/2024	11:05	9.03	20.0	67.9	6.87	1,031.4	4.90	53.39	-74.1
PZ-4A	8/21/2024	11:08	9.03	19.6	67.2	6.71	1,136.6	5.23	11.87	-54.7
PZ-4A	8/21/2024	11:11	9.03	20.4	68.8	6.61	1,131.8	5.33	8.14	-19.0
PZ-4A	8/21/2024	11:14	9.03	20.7	69.3	6.62	1,125.2	5.26	7.32	8.0
PZ-4A	8/21/2024	11:17	9.03	20.7	69.2	6.63	1,123.0	4.96	4.06	15.6
PZ-4A	8/21/2024	11:20	9.03	20.7	69.3	6.60	1,132.3	4.60	3.79	23.2
PZ-4A	8/21/2024	11:23	9.03	20.3	68.6	6.57	1,133.7	4.32	4.13	26.7

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ-4C	8/21/2024	10:39	9.09	17.9	64.2	6.85	947.0	2.61	32.46	-72.8
PZ-4C	8/21/2024	10:42	9.09	18.0	64.4	6.84	952.0	2.50	50.81	-69.7
PZ-4C	8/21/2024	10:45	9.09	17.7	63.9	6.84	949.1	2.36	118.11	-69.4
PZ-4C	8/21/2024	10:48	9.09	17.9	64.3	6.83	945.9	2.10	142.21	-69.2
PZ-4C	8/21/2024	10:51	9.09	17.9	64.2	6.83	948.2	2.06	125.27	-68.3
PZ-4C	8/21/2024	10:54	9.09	17.6	63.7	6.83	950.2	1.94	96.37	-68.0

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
SG-02	8/19/2024	12:17	19.73	DTW Only						

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XSG-01	8/19/2024	10:10	5.12	DTW Only						

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Field Blank	8/21/2024	12:40	QA/QC Sample							

Site Sampling Event: KIN-24Q3

LIMS Workorder: 24080169

Technician(s): DC, JC, TC, BG, PY

Groundwater Sampling Field Form- Quality Parameters

Kincaid- 3Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-08 Duplicate	8/20/2024	10:10	9.33	15.8	60.4	6.38	762.8	0.74	3.16	107.5
MW-08 Duplicate	8/20/2024	10:13	9.33	15.8	60.4	6.39	762.8	0.60	1.88	116.1
MW-08 Duplicate	8/20/2024	10:16	9.33	15.7	60.3	6.40	763.0	0.56	1.50	119.0
MW-08 Duplicate	8/20/2024	10:19	9.33	15.7	60.2	6.41	763.4	0.51	1.22	118.7

Site Sampling Event: KIN-24Q3

Groundwater Sampling Field Form- Quality Parameters

LIMS Workorder: 24080169

Kincaid- 3Q 2024

Technician(s): DC, JC, TC, BG, PY

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Equipment Blank	8/21/2024	12:45	QA/QC Sample							

Site Sampling Event: KIN-24Q3
LIMS Workorder: 24080169
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Kincaid- 3Q 2024

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
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 223344 Technician(s): Payton Yoch/Tracy Carroll Date: 8/20/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.00	8/20/24 9:22
7.0 Buffer	WC240307F	7.00	8/20/24 9:18
10.0 Buffer	WC240625B	10.00	8/20/24 9:24
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1412	8/20/24 9:27

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	8/20/24 9:32	20.7	7.06	1,424	1.97		
CCV-1-TC	CCV	8/20/24 13:26	21.8	7.08	1,439	0.73		

Comments:

Field Meter ID: Pine 223344 Technician(s): Tracy Carroll Date: 8/21/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.00	8/21/24 10:12
7.0 Buffer	WC240307F	7.00	8/21/24 10:11
10.0 Buffer	WC240625B	10.00	8/21/24 10:13
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1412	8/21/24 10:15

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	8/21/24 10:16	20.3	7.03	1,413	1.46		
CCV-2-TC	CCV	8/21/24 13:08	22.8	7.05	1,490	1.42		

Comments:

Site Sampling Event: KIN-24Q3
LIMS Workorder: 24080169
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Kincaid- 3Q 2024

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
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 45985 Technician(s): Brett Gillihan Date: 8/19/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	3.99	8/19/24 9:32
7.0 Buffer	WC240307F	7.02	8/19/24 9:29
10.0 Buffer	WC240625B	10.01	8/19/24 9:40
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1420	8/19/24 9:43

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.8	8/19/24 9:49
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	8/19/24 9:50	22.6	7.01	1,413	1.8		
CCV-1-BG	CCV	8/19/24 14:57	24.1	7.01	1,420	1.6		

Comments:

Field Meter ID: Pine 45985 Technician(s): Brett Gillihan Date: 8/20/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	4.00	8/20/24 8:55
7.0 Buffer	WC240307F	7.00	8/20/24 8:51
10.0 Buffer	WC240625A	9.98	8/20/24 8:59
LCS/CCV (7.0 Buffer)	WC240625B		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1418	8/20/24 9:03

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.5	8/20/24 9:05
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-BG	LCS	8/20/24 9:07	20.6	7.01	1,414	1.5		
CCV-2-BG	CCV	8/20/24 13:25	23.5	7.00	1,418	1.6		

Comments:

Site Sampling Event: KIN-24Q3
LIMS Workorder: 24080169
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Kincaid- 3Q 2024

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
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 45985 Technician(s): Brett Gillihan Date: 8/21/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240612A	3.99	8/21/24 9:09
7.0 Buffer	WC240307F	7.01	8/21/24 9:04
10.0 Buffer	WC240625A	10.00	8/21/24 9:16
LCS/CCV (7.0 Buffer)	WC240625B		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 μ S Std.	98627	1412	8/21/24 9:17

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.3	8/21/24 9:18
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 μ S	Turbidity NTU	ORP mV	D.O. %
LCS-3-BG	LCS	8/21/24 9:20	22.4	7.00	1,410	1.3		
CCV-3-BG	CCV	8/21/24 12:53	24.1	7.00	1,416	1.3		

Comments:

Site Sampling Event: KIN-24Q3
LIMS Workorder: 24080169
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Kincaid- 3Q 2024

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
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 218074 Technician(s): justin colp Date: 8/19/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.02	8/19/24 9:34
7.0 Buffer	wc240307f	6.99	8/19/24 9:30
10.0 Buffer	wc240625b	9.98	8/19/24 9:39
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 μ S Std.	98627	1406	8/19/24 9:44

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.44	8/19/24 9:44
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 μ S	Turbidity NTU	ORP mV	D.O. %
LCS-1-JC	LCS	8/19/24 9:46	23.6	7.00	1,406	0.44		
CCV-1-JC	CCV	8/19/24 13:48	25.2	7.02	1,419	0.49		

Comments: _____

Field Meter ID: Pine 218074 Technician(s): justin colp Date: 8/20/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	3.99	8/20/24 9:15
7.0 Buffer	wc240307f	7.00	8/20/24 9:08
10.0 Buffer	wc240625b	10.00	8/20/24 9:19
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 μ S Std.	98627	1410	8/20/24 9:24

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.53	8/20/24 9:24
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 μ S	Turbidity NTU	ORP mV	D.O. %
LCS-2-JC	LCS	8/20/24 9:39	20.7	7.01	1,410	0.53		
CCV-2-JC	CCV	8/20/24 13:23	24.5	7.04	1,427	0.6		

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 45985

Description YSI Pro DSS

Calibrated 7/25/2024 3:07:11PM

Manufacturer YSI

Model Number Pro DSS

Serial Number/ Lot Number 19E101797

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	7.06	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.04	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.03	10.04	0.40%	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	0.24	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	125.76	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	1.459	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 0.0

<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>
240.0 / 240.0	mv	240.0	mv	243.2	240.0	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 0.0

<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 45985
Description YSI Pro DSS
Calibrated 7/25/2024 3:07:11PM

Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.0			
<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>
100.0 / 100.0	%	100.0	%	99.8	100.3	0.30%	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 126NTU L#24E24011653	STL 126 NTU L#24E24011653	YSI	126 NTU	24E24011653		5/25/2025
STL 1413 COND L#4GB0749	STL 1413 COND L#4GB0749	AquaPhoenix Scientific	31986	4GB0749		2/25/2025
STL AUTOCAL L#24009059	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24009059		3/20/2025
STL ORP SOLUTION 240MV L#4GA1475	STL ORP SOLUTION 240MV L#4GA1475	AquaPhoenix Scientific	ORP Solution	4GA1475		10/25/2024
STL PH10 #4GB0253	STL PH10 #4GB0253	Absolute Accuracy	PH 10	4GB0253		2/25/2026
STL PH4 L#4GB0637	STL pH4 L#4GB0637	AquaPhoenix Scientific	pH 4	4GB0637		2/25/2026
STL PH7 L#4GB0027	STL PH7 L#4GB0027	AquaPhoenix Scientific	PH7	4GB0027		2/25/2026

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 218074

Description YSI Pro DSS Sonde

Calibrated 7/25/2024 6:32:30PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 23F102664
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>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.30	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.36	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.20	10.04	0.40%	Pass

Group # 2
Group Name Turbidity (NTU)
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>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	NTU	0.00	NTU	0.06	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	105.31	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>End 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>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
240.00 / 240.00	mv	240.00	mv	216.10	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>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
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Site Sampling Event: KIN-24Q3
LIMS Workorder: 24080169
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Kincaid- 3Q 2024

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2024
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 218074 Technician(s): justin colp Date: 8/21/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240612a	4.00	8/21/24 9:19
7.0 Buffer	wc240307f	7.00	8/21/24 9:16
10.0 Buffer	wc240625b	9.98	8/21/24 9:23
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	98627	1407	8/21/24 9:27

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.37	8/21/24 9:27
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-3-JC	LCS	8/21/24 9:30	20.2	7.01	1,407	0.37		
CCV-3-JC	CCV	8/21/24 12:45	23.4	7.03	1,417	0.29		

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 218074

Description YSI Pro DSS Sonde

Calibrated 7/25/2024 6:32:30PM

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>
100.00 / 100.00	%	100.00	%
		<u>Fnd As</u>	<u>Lft As</u>
		98.90	100.00
		<u>Dev%</u>	<u>Pass/Fail</u>
		0.00%	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>Next Cal Date / Last Cal Date/ Expiration Date</u>
STL 126NTU	STL 126 NTU	YSI	126 NTU	24E24011653	5/25/2025
L#24E24011653	L#24E24011653				
STL 1413	STL 1413 COND	AquaPhoenix	31986	4GB0749	2/25/2025
COND	L#4GB0749	Scientific			
L#4GB0749					
STL AUTOCAL	Auto Cal Solution 0	GFS	8483	24009059	3/20/2025
L#24009059	NTU/PH 4				
STL ORP	STL ORP SOLUTION	AquaPhoenix	ORP Solution	4GA1475	10/25/2024
SOLUTION	240MV L#4GA1475	Scientific			
240MV					
L#4GA1475					
STL PH10	STL PH10 #4GB0253	Absolute	PH 10	4GB0253	2/25/2026
#4GB0253		Accuracy			
STL PH4	STL pH4 L#4GB0637	AquaPhoenix	pH 4	4GB0637	2/25/2026
L#4GB0637		Scientific			
STL PH7	STL PH7 L#4GB0027	AquaPhoenix	PH7	4GB0027	2/25/2026
L#4GB0027		Scientific			

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 223344

Description YSI Pro DSS Sonde

Calibrated 7/25/2024 3:04:32PM

Manufacturer YSI

Model Number Pro DSS

Serial Number/ Lot 24B105081
Number

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	7.05	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	3.96	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.11	10.05	0.50%	Pass

Group # 2
Group Name Turbidity (NTU)
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	-4.44	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	114.08	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	1.465	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	227.30	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 223344
Description YSI Pro DSS Sonde
Calibrated 7/25/2024 3:04:32PM

Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.00			
Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
100.00 / 100.00	%	100.00	%	95.30	100.30	0.30%	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 126NTU L#24E24011653	STL 126 NTU L#24E24011653	YSI	126 NTU	24E24011653		5/25/2025
STL 1413 COND L#4GB0749	STL 1413 COND L#4GB0749	AquaPhoenix Scientific	31986	4GB0749		2/25/2025
STL 800 NTU L#24010026	STL 800 NTU L#24010026	GFS	8523	24010026		3/20/2025
STL AUTOCAL L#24009059	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24009059		3/20/2025
STL ORP SOLUTION 240MV L#4GA1475	STL ORP SOLUTION 240MV L#4GA1475	AquaPhoenix Scientific	ORP Solution	4GA1475		10/25/2024
STL PH10 #4GB0253	STL PH10 #4GB0253	Absolute Accuracy	PH 10	4GB0253		2/25/2026
STL PH4 L#4GB0637	STL pH4 L#4GB0637	AquaPhoenix Scientific	pH 4	4GB0637		2/25/2026
STL PH7 L#4GB0027	STL PH7 L#4GB0027	AquaPhoenix Scientific	PH7	4GB0027		2/25/2026

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

**ATTACHMENT C
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND
QUARTER 3, 2024**

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024
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	E006	Antimony, total	mg/L	12/15/15 - 08/19/24	29	97	CI around median	0.001	0.001
MW-3	UA	E006	Arsenic, total	mg/L	12/15/15 - 08/19/24	29	100	All ND - Last	0.001	0.00480
MW-3	UA	E006	Barium, total	mg/L	12/15/15 - 08/19/24	29	0	CI around median	0.0453	0.150
MW-3	UA	E006	Beryllium, total	mg/L	12/15/15 - 08/19/24	29	100	All ND - Last	0.001	0.001
MW-3	UA	E006	Boron, total	mg/L	12/15/15 - 08/19/24	29	0	CI around median	1.56	0.296
MW-3	UA	E006	Cadmium, total	mg/L	12/15/15 - 08/19/24	29	100	All ND - Last	0.001	0.001
MW-3	UA	E006	Chloride, total	mg/L	12/15/15 - 08/19/24	29	0	CB around linear reg	27.1	18.0
MW-3	UA	E006	Chromium, total	mg/L	12/15/15 - 08/19/24	29	97	CB around T-S line	0.0015	0.00950
MW-3	UA	E006	Cobalt, total	mg/L	12/15/15 - 08/19/24	29	88	CI around median	0.001	0.00390
MW-3	UA	E006	Fluoride, total	mg/L	12/15/15 - 08/19/24	29	3	CI around mean	0.242	0.510
MW-3	UA	E006	Lead, total	mg/L	12/15/15 - 08/19/24	29	100	All ND - Last	0.001	0.00510
MW-3	UA	E006	Lithium, total	mg/L	02/25/21 - 08/19/24	15	93	CI around median	0.003	0.0120
MW-3	UA	E006	Mercury, total	mg/L	12/15/15 - 08/19/24	29	100	All ND - Last	0.0002	0.0002
MW-3	UA	E006	Molybdenum, total	mg/L	02/25/21 - 08/19/24	15	100	All ND - Last	0.0015	0.00620
MW-3	UA	E006	pH (field)	SU	12/15/15 - 08/19/24	29	0	CB around linear reg	6.4/6.8	5.6/7.6
MW-3	UA	E006	Radium 226 + Radium 228, total	pCi/L	11/06/17 - 08/19/24	25	0	CI around median	0.271	1.00
MW-3	UA	E006	Selenium, total	mg/L	12/15/15 - 08/19/24	29	100	All ND - Last	0.001	0.00180
MW-3	UA	E006	Sulfate, total	mg/L	12/15/15 - 08/19/24	29	0	CB around linear reg	113	151
MW-3	UA	E006	Thallium, total	mg/L	12/15/15 - 08/19/24	29	97	CB around T-S line	0.002	0.002
MW-3	UA	E006	Total Dissolved Solids	mg/L	12/15/15 - 08/19/24	29	0	CB around linear reg	539	494
MW-5	UA	E006	Antimony, total	mg/L	12/15/15 - 08/19/24	31	100	All ND - Last	0.001	0.001
MW-5	UA	E006	Arsenic, total	mg/L	12/15/15 - 08/19/24	33	82	CB around T-S line	0.001	0.00480
MW-5	UA	E006	Barium, total	mg/L	12/15/15 - 08/19/24	33	0	CB around T-S line	0.147	0.150
MW-5	UA	E006	Beryllium, total	mg/L	12/15/15 - 08/19/24	31	100	All ND - Last	0.001	0.001
MW-5	UA	E006	Boron, total	mg/L	12/15/15 - 08/19/24	33	0	CI around mean	0.529	0.296
MW-5	UA	E006	Cadmium, total	mg/L	12/15/15 - 08/19/24	30	100	All ND - Last	0.001	0.001
MW-5	UA	E006	Chloride, total	mg/L	12/15/15 - 08/19/24	33	0	CB around linear reg	44.7	18.0

ATTACHMENT C.
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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-5	UA	E006	Chromium, total	mg/L	12/15/15 - 08/19/24	33	90	CB around T-S line	0.0015	0.00950
MW-5	UA	E006	Cobalt, total	mg/L	12/15/15 - 08/19/24	33	84	CI around median	0.001	0.00390
MW-5	UA	E006	Fluoride, total	mg/L	12/15/15 - 08/19/24	33	5	CB around T-S line	0.16	0.510
MW-5	UA	E006	Lead, total	mg/L	12/15/15 - 08/19/24	33	90	CI around median	0.001	0.00510
MW-5	UA	E006	Lithium, total	mg/L	12/15/15 - 08/19/24	25	32	CB around T-S line	0.003	0.0120
MW-5	UA	E006	Mercury, total	mg/L	12/15/15 - 08/19/24	30	100	All ND - Last	0.0002	0.0002
MW-5	UA	E006	Molybdenum, total	mg/L	12/15/15 - 08/19/24	25	96	CB around T-S line	0.00145	0.00620
MW-5	UA	E006	pH (field)	SU	12/15/15 - 08/19/24	33	0	CB around linear reg	6.4/6.7	5.6/7.6
MW-5	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 08/19/24	34	0	CI around median	0.3	1.00
MW-5	UA	E006	Selenium, total	mg/L	12/15/15 - 08/19/24	33	100	All ND - Last	0.001	0.00180
MW-5	UA	E006	Sulfate, total	mg/L	12/15/15 - 08/19/24	33	34	CI around median	10	151
MW-5	UA	E006	Thallium, total	mg/L	12/15/15 - 08/19/24	30	97	CB around T-S line	0.00195	0.002
MW-5	UA	E006	Total Dissolved Solids	mg/L	12/15/15 - 08/19/24	33	0	CB around linear reg	716	494
MW-6	UA	E006	Antimony, total	mg/L	12/15/15 - 08/20/24	31	100	All ND - Last	0.001	0.001
MW-6	UA	E006	Arsenic, total	mg/L	12/15/15 - 08/20/24	33	100	All ND - Last	0.001	0.00480
MW-6	UA	E006	Barium, total	mg/L	12/15/15 - 08/20/24	33	0	CB around linear reg	0.0381	0.150
MW-6	UA	E006	Beryllium, total	mg/L	12/15/15 - 08/20/24	31	100	All ND - Last	0.001	0.001
MW-6	UA	E006	Boron, total	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	0.968	0.296
MW-6	UA	E006	Cadmium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.001	0.001
MW-6	UA	E006	Chloride, total	mg/L	12/15/15 - 08/20/24	33	55	CB around T-S line	2.45	18.0
MW-6	UA	E006	Chromium, total	mg/L	12/15/15 - 08/20/24	33	84	CB around T-S line	0.0015	0.00950
MW-6	UA	E006	Cobalt, total	mg/L	12/15/15 - 08/20/24	33	97	CI around median	0.001	0.00390
MW-6	UA	E006	Fluoride, total	mg/L	12/15/15 - 08/20/24	33	3	CB around linear reg	0.197	0.510
MW-6	UA	E006	Lead, total	mg/L	12/15/15 - 08/20/24	33	97	CI around median	0.001	0.00510
MW-6	UA	E006	Lithium, total	mg/L	12/15/15 - 08/20/24	25	84	CB around T-S line	0.00287	0.0120
MW-6	UA	E006	Mercury, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.0002	0.0002
MW-6	UA	E006	Molybdenum, total	mg/L	12/15/15 - 08/20/24	25	100	All ND - Last	0.0015	0.00620

ATTACHMENT C.
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ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-6	UA	E006	pH (field)	SU	12/15/15 - 08/20/24	33	0	CB around linear reg	6.3/6.5	5.6/7.6
MW-6	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 08/20/24	34	0	CI around median	0.417	1.00
MW-6	UA	E006	Selenium, total	mg/L	12/15/15 - 08/20/24	33	92	CI around median	0.001	0.00180
MW-6	UA	E006	Sulfate, total	mg/L	12/15/15 - 08/20/24	33	0	CB around linear reg	70.3	151
MW-6	UA	E006	Thallium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.002	0.002
MW-6	UA	E006	Total Dissolved Solids	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	491	494
MW-7	UA	E006	Antimony, total	mg/L	12/15/15 - 08/20/24	31	100	All ND - Last	0.001	0.001
MW-7	UA	E006	Arsenic, total	mg/L	12/15/15 - 08/20/24	33	68	CI around median	0.001	0.00480
MW-7	UA	E006	Barium, total	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	0.0473	0.150
MW-7	UA	E006	Beryllium, total	mg/L	12/15/15 - 08/20/24	31	100	All ND - Last	0.001	0.001
MW-7	UA	E006	Boron, total	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	0.232	0.296
MW-7	UA	E006	Cadmium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.001	0.001
MW-7	UA	E006	Chloride, total	mg/L	12/15/15 - 08/20/24	33	74	CI around median	4	18.0
MW-7	UA	E006	Chromium, total	mg/L	12/15/15 - 08/20/24	33	95	CB around T-S line	0.0015	0.00950
MW-7	UA	E006	Cobalt, total	mg/L	12/15/15 - 08/20/24	33	79	CB around T-S line	0.001	0.00390
MW-7	UA	E006	Fluoride, total	mg/L	12/15/15 - 08/20/24	33	3	CI around mean	0.254	0.510
MW-7	UA	E006	Lead, total	mg/L	12/15/15 - 08/20/24	33	100	All ND - Last	0.001	0.00510
MW-7	UA	E006	Lithium, total	mg/L	12/15/15 - 08/20/24	25	44	CI around median	0.003	0.0120
MW-7	UA	E006	Mercury, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.0002	0.0002
MW-7	UA	E006	Molybdenum, total	mg/L	12/15/15 - 08/20/24	25	4	CI around mean	0.00252	0.00620
MW-7	UA	E006	pH (field)	SU	12/15/15 - 08/20/24	33	0	CB around linear reg	6.7/7.0	5.6/7.6
MW-7	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 08/20/24	34	0	CI around geomean	0.474	1.00
MW-7	UA	E006	Selenium, total	mg/L	12/15/15 - 08/20/24	33	100	All ND - Last	0.001	0.00180
MW-7	UA	E006	Sulfate, total	mg/L	12/15/15 - 08/20/24	33	0	CI around geomean	178	151
MW-7	UA	E006	Thallium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.002	0.002
MW-7	UA	E006	Total Dissolved Solids	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	580	494
MW-7S	USCU	E006	Antimony, total	mg/L	02/24/21 - 08/20/24	13	92	CI around median	0.001	0.001

ATTACHMENT C.
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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-7S	USCU	E006	Arsenic, total	mg/L	02/24/21 - 08/20/24	13	0	CI around median	0.0069	0.00480
MW-7S	USCU	E006	Barium, total	mg/L	02/24/21 - 08/20/24	13	0	CI around median	0.0402	0.150
MW-7S	USCU	E006	Beryllium, total	mg/L	02/24/21 - 08/20/24	13	100	All ND - Last	0.001	0.001
MW-7S	USCU	E006	Boron, total	mg/L	02/24/21 - 08/20/24	13	0	CI around mean	3.91	0.296
MW-7S	USCU	E006	Cadmium, total	mg/L	02/24/21 - 08/20/24	13	100	All ND - Last	0.001	0.001
MW-7S	USCU	E006	Chloride, total	mg/L	02/24/21 - 08/20/24	13	0	CB around linear reg	6.7	18.0
MW-7S	USCU	E006	Chromium, total	mg/L	02/24/21 - 08/20/24	13	54	CI around median	0.0015	0.00950
MW-7S	USCU	E006	Cobalt, total	mg/L	02/24/21 - 08/20/24	13	15	CI around geomean	0.00106	0.00390
MW-7S	USCU	E006	Fluoride, total	mg/L	02/24/21 - 08/20/24	13	8	CB around linear reg	0.245	0.510
MW-7S	USCU	E006	Lead, total	mg/L	02/24/21 - 08/20/24	13	77	CI around median	0.001	0.00510
MW-7S	USCU	E006	Lithium, total	mg/L	02/24/21 - 08/20/24	13	92	CI around median	0.003	0.0120
MW-7S	USCU	E006	Mercury, total	mg/L	02/24/21 - 08/20/24	13	100	All ND - Last	0.0002	0.0002
MW-7S	USCU	E006	Molybdenum, total	mg/L	02/24/21 - 08/20/24	13	69	CI around median	0.0015	0.00620
MW-7S	USCU	E006	pH (field)	SU	02/24/21 - 08/20/24	13	0	CI around median	6.6/6.8	5.6/7.6
MW-7S	USCU	E006	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 08/20/24	13	0	CI around mean	0.235	1.00
MW-7S	USCU	E006	Selenium, total	mg/L	02/24/21 - 08/20/24	13	100	All ND - Last	0.001	0.00180
MW-7S	USCU	E006	Sulfate, total	mg/L	02/24/21 - 08/20/24	13	0	CI around mean	432	151
MW-7S	USCU	E006	Thallium, total	mg/L	02/24/21 - 08/20/24	13	100	All ND - Last	0.002	0.002
MW-7S	USCU	E006	Total Dissolved Solids	mg/L	02/24/21 - 08/20/24	12	0	CI around median	486	494
MW-8	UA	E006	Antimony, total	mg/L	12/15/15 - 08/20/24	31	100	All ND - Last	0.001	0.001
MW-8	UA	E006	Arsenic, total	mg/L	12/15/15 - 08/20/24	33	100	All ND - Last	0.001	0.00480
MW-8	UA	E006	Barium, total	mg/L	12/15/15 - 08/20/24	33	0	CB around linear reg	0.0199	0.150
MW-8	UA	E006	Beryllium, total	mg/L	12/15/15 - 08/20/24	31	100	All ND - Last	0.001	0.001
MW-8	UA	E006	Boron, total	mg/L	12/15/15 - 08/20/24	33	0	CI around median	0.938	0.296
MW-8	UA	E006	Cadmium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.001	0.001
MW-8	UA	E006	Chloride, total	mg/L	12/15/15 - 08/20/24	33	0	CB around T-S line	13.3	18.0
MW-8	UA	E006	Chromium, total	mg/L	12/15/15 - 08/20/24	33	100	All ND - Last	0.0015	0.00950

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-8	UA	E006	Cobalt, total	mg/L	12/15/15 - 08/20/24	33	26	CI around geomean	0.00102	0.00390
MW-8	UA	E006	Fluoride, total	mg/L	12/15/15 - 08/20/24	33	3	CB around T-S line	0.217	0.510
MW-8	UA	E006	Lead, total	mg/L	12/15/15 - 08/20/24	33	100	All ND - Last	0.001	0.00510
MW-8	UA	E006	Lithium, total	mg/L	12/15/15 - 08/20/24	25	56	CB around T-S line	0.00296	0.0120
MW-8	UA	E006	Mercury, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.0002	0.0002
MW-8	UA	E006	Molybdenum, total	mg/L	12/15/15 - 08/20/24	25	100	All ND - Last	0.0015	0.00620
MW-8	UA	E006	pH (field)	SU	12/15/15 - 08/20/24	33	0	CB around linear reg	6.4/6.6	5.6/7.6
MW-8	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 08/20/24	34	0	CI around median	0.21	1.00
MW-8	UA	E006	Selenium, total	mg/L	12/15/15 - 08/20/24	33	100	All ND - Last	0.001	0.00180
MW-8	UA	E006	Sulfate, total	mg/L	12/15/15 - 08/20/24	33	0	CB around linear reg	199	151
MW-8	UA	E006	Thallium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.002	0.002
MW-8	UA	E006	Total Dissolved Solids	mg/L	12/15/15 - 08/20/24	33	0	CB around linear reg	765	494
MW-8S	USCU	E006	Antimony, total	mg/L	--	--	--	--	NS ⁷	0.001
MW-8S	USCU	E006	Arsenic, total	mg/L	--	--	--	--	NS ⁷	0.00480
MW-8S	USCU	E006	Barium, total	mg/L	--	--	--	--	NS ⁷	0.150
MW-8S	USCU	E006	Beryllium, total	mg/L	--	--	--	--	NS ⁷	0.001
MW-8S	USCU	E006	Boron, total	mg/L	--	--	--	--	NS ⁷	0.296
MW-8S	USCU	E006	Cadmium, total	mg/L	--	--	--	--	NS ⁷	0.001
MW-8S	USCU	E006	Chloride, total	mg/L	--	--	--	--	NS ⁷	18.0
MW-8S	USCU	E006	Chromium, total	mg/L	--	--	--	--	NS ⁷	0.00950
MW-8S	USCU	E006	Cobalt, total	mg/L	--	--	--	--	NS ⁷	0.00390
MW-8S	USCU	E006	Fluoride, total	mg/L	--	--	--	--	NS ⁷	0.510
MW-8S	USCU	E006	Lead, total	mg/L	--	--	--	--	NS ⁷	0.00510
MW-8S	USCU	E006	Lithium, total	mg/L	--	--	--	--	NS ⁷	0.0120
MW-8S	USCU	E006	Mercury, total	mg/L	--	--	--	--	NS ⁷	0.0002
MW-8S	USCU	E006	Molybdenum, total	mg/L	--	--	--	--	NS ⁷	0.00620
MW-8S	USCU	E006	pH (field)	SU	--	--	--	--	NS ⁷	5.6/7.6

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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-8S	USCU	E006	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	NS ⁷	1.00
MW-8S	USCU	E006	Selenium, total	mg/L	--	--	--	--	NS ⁷	0.00180
MW-8S	USCU	E006	Sulfate, total	mg/L	--	--	--	--	NS ⁷	151
MW-8S	USCU	E006	Thallium, total	mg/L	--	--	--	--	NS ⁷	0.002
MW-8S	USCU	E006	Total Dissolved Solids	mg/L	--	--	--	--	NS ⁷	494
MW-11	UA	E006	Antimony, total	mg/L	12/15/15 - 08/20/24	31	97	CI around median	0.001	0.001
MW-11	UA	E006	Arsenic, total	mg/L	12/15/15 - 08/20/24	33	27	CI around median	0.0011	0.00480
MW-11	UA	E006	Barium, total	mg/L	12/15/15 - 08/20/24	33	0	CB around linear reg	0.109	0.150
MW-11	UA	E006	Beryllium, total	mg/L	12/15/15 - 08/20/24	31	100	All ND - Last	0.001	0.001
MW-11	UA	E006	Boron, total	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	1.55	0.296
MW-11	UA	E006	Cadmium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.001	0.001
MW-11	UA	E006	Chloride, total	mg/L	12/15/15 - 08/20/24	33	0	CB around T-S line	28.9	18.0
MW-11	UA	E006	Chromium, total	mg/L	12/15/15 - 08/20/24	33	97	CB around T-S line	0.0015	0.00950
MW-11	UA	E006	Cobalt, total	mg/L	12/15/15 - 08/20/24	33	94	CI around median	0.001	0.00390
MW-11	UA	E006	Fluoride, total	mg/L	12/15/15 - 08/20/24	33	3	CI around median	0.48	0.510
MW-11	UA	E006	Lead, total	mg/L	12/15/15 - 08/20/24	33	97	CI around median	0.001	0.00510
MW-11	UA	E006	Lithium, total	mg/L	12/15/15 - 08/20/24	25	48	CB around linear reg	0.00288	0.0120
MW-11	UA	E006	Mercury, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.0002	0.0002
MW-11	UA	E006	Molybdenum, total	mg/L	12/15/15 - 08/20/24	25	4	CI around median	0.0021	0.00620
MW-11	UA	E006	pH (field)	SU	12/15/15 - 08/20/24	33	0	CB around linear reg	6.5/6.8	5.6/7.6
MW-11	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 08/20/24	34	0	CI around mean	0.564	1.00
MW-11	UA	E006	Selenium, total	mg/L	12/15/15 - 08/20/24	33	67	CI around median	0.001	0.00180
MW-11	UA	E006	Sulfate, total	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	109	151
MW-11	UA	E006	Thallium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.002	0.002
MW-11	UA	E006	Total Dissolved Solids	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	627	494
MW-12	UA	E006	Antimony, total	mg/L	12/15/15 - 08/20/24	31	97	CI around median	0.001	0.001
MW-12	UA	E006	Arsenic, total	mg/L	12/15/15 - 08/20/24	33	91	CI around median	0.001	0.00480

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024
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ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-12	UA	E006	Barium, total	mg/L	12/15/15 - 08/20/24	33	0	CB around linear reg	0.0617	0.150
MW-12	UA	E006	Beryllium, total	mg/L	12/15/15 - 08/20/24	31	100	All ND - Last	0.001	0.001
MW-12	UA	E006	Boron, total	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	2.72	0.296
MW-12	UA	E006	Cadmium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.001	0.001
MW-12	UA	E006	Chloride, total	mg/L	12/15/15 - 08/20/24	33	0	CB around linear reg	20.2	18.0
MW-12	UA	E006	Chromium, total	mg/L	12/15/15 - 08/20/24	33	97	CB around T-S line	0.0015	0.00950
MW-12	UA	E006	Cobalt, total	mg/L	12/15/15 - 08/20/24	33	100	All ND - Last	0.001	0.00390
MW-12	UA	E006	Fluoride, total	mg/L	12/15/15 - 08/20/24	33	3	CI around median	0.18	0.510
MW-12	UA	E006	Lead, total	mg/L	12/15/15 - 08/20/24	33	97	CI around median	0.001	0.00510
MW-12	UA	E006	Lithium, total	mg/L	12/15/15 - 08/20/24	25	0	CI around mean	0.00855	0.0120
MW-12	UA	E006	Mercury, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.0002	0.0002
MW-12	UA	E006	Molybdenum, total	mg/L	12/15/15 - 08/20/24	25	84	CB around T-S line	0.0015	0.00620
MW-12	UA	E006	pH (field)	SU	12/15/15 - 08/20/24	33	0	CB around linear reg	6.4/6.7	5.6/7.6
MW-12	UA	E006	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 08/20/24	34	0	CI around median	0.45	1.00
MW-12	UA	E006	Selenium, total	mg/L	12/15/15 - 08/20/24	33	97	CI around median	0.001	0.00180
MW-12	UA	E006	Sulfate, total	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	363	151
MW-12	UA	E006	Thallium, total	mg/L	12/15/15 - 08/20/24	30	100	All ND - Last	0.002	0.002
MW-12	UA	E006	Total Dissolved Solids	mg/L	12/15/15 - 08/20/24	33	0	CI around mean	1,080	494
MW-20	UA	E006	Antimony, total	mg/L	02/26/21 - 08/21/24	15	93	CI around median	0.001	0.001
MW-20	UA	E006	Arsenic, total	mg/L	02/26/21 - 08/21/24	15	53	CI around median	0.001	0.00480
MW-20	UA	E006	Barium, total	mg/L	02/26/21 - 08/21/24	15	0	CB around linear reg	0.0661	0.150
MW-20	UA	E006	Beryllium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.001	0.001
MW-20	UA	E006	Boron, total	mg/L	02/26/21 - 08/21/24	15	0	CB around linear reg	0.602	0.296
MW-20	UA	E006	Cadmium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.001	0.001
MW-20	UA	E006	Chloride, total	mg/L	02/26/21 - 08/21/24	15	0	CB around linear reg	18.6	18.0
MW-20	UA	E006	Chromium, total	mg/L	02/26/21 - 08/21/24	15	87	CI around median	0.0015	0.00950
MW-20	UA	E006	Cobalt, total	mg/L	02/26/21 - 08/21/24	15	93	CI around median	0.001	0.00390

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-20	UA	E006	Fluoride, total	mg/L	02/26/21 - 08/21/24	15	7	CB around linear reg	0.276	0.510
MW-20	UA	E006	Lead, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.001	0.00510
MW-20	UA	E006	Lithium, total	mg/L	02/26/21 - 08/21/24	15	0	CB around linear reg	-0.00312	0.0120
MW-20	UA	E006	Mercury, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.0002	0.0002
MW-20	UA	E006	Molybdenum, total	mg/L	02/26/21 - 08/21/24	15	7	CB around linear reg	-0.000219	0.00620
MW-20	UA	E006	pH (field)	SU	02/26/21 - 08/21/24	15	0	CI around mean	6.8/7.0	5.6/7.6
MW-20	UA	E006	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 08/21/24	15	0	CI around mean	0.284	1.00
MW-20	UA	E006	Selenium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.001	0.00180
MW-20	UA	E006	Sulfate, total	mg/L	02/26/21 - 08/21/24	15	0	CB around linear reg	145	151
MW-20	UA	E006	Thallium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.002	0.002
MW-20	UA	E006	Total Dissolved Solids	mg/L	02/26/21 - 08/21/24	14	0	CB around linear reg	658	494
MW-20S	USCU	E006	Antimony, total	mg/L	02/26/21 - 08/20/24	15	93	CI around median	0.001	0.001
MW-20S	USCU	E006	Arsenic, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.001	0.00480
MW-20S	USCU	E006	Barium, total	mg/L	02/26/21 - 08/20/24	15	7	CI around median	0.0346	0.150
MW-20S	USCU	E006	Beryllium, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.001	0.001
MW-20S	USCU	E006	Boron, total	mg/L	02/26/21 - 08/20/24	15	0	CB around linear reg	1.37	0.296
MW-20S	USCU	E006	Cadmium, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.001	0.001
MW-20S	USCU	E006	Chloride, total	mg/L	02/26/21 - 08/20/24	15	0	CI around mean	17.7	18.0
MW-20S	USCU	E006	Chromium, total	mg/L	02/26/21 - 08/20/24	15	93	CI around median	0.0015	0.00950
MW-20S	USCU	E006	Cobalt, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.001	0.00390
MW-20S	USCU	E006	Fluoride, total	mg/L	02/26/21 - 08/20/24	15	7	CI around mean	0.177	0.510
MW-20S	USCU	E006	Lead, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.001	0.00510
MW-20S	USCU	E006	Lithium, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.003	0.0120
MW-20S	USCU	E006	Mercury, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.0002	0.0002
MW-20S	USCU	E006	Molybdenum, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.0015	0.00620
MW-20S	USCU	E006	pH (field)	SU	02/26/21 - 08/20/24	15	0	CI around mean	6.5/6.8	5.6/7.6
MW-20S	USCU	E006	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 08/20/24	15	0	CI around mean	0.179	1.00

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-20S	USCU	E006	Selenium, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.001	0.00180
MW-20S	USCU	E006	Sulfate, total	mg/L	02/26/21 - 08/20/24	15	0	CB around linear reg	328	151
MW-20S	USCU	E006	Thallium, total	mg/L	02/26/21 - 08/20/24	15	100	All ND - Last	0.002	0.002
MW-20S	USCU	E006	Total Dissolved Solids	mg/L	02/26/21 - 08/20/24	14	0	CB around linear reg	961	494
MW-23	UA	E006	Antimony, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.001	0.001
MW-23	UA	E006	Arsenic, total	mg/L	02/26/21 - 08/21/24	15	40	CB around T-S line	0.001	0.00480
MW-23	UA	E006	Barium, total	mg/L	02/26/21 - 08/21/24	15	0	CI around mean	0.0855	0.150
MW-23	UA	E006	Beryllium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.001	0.001
MW-23	UA	E006	Boron, total	mg/L	02/26/21 - 08/21/24	15	0	CI around median	1.95	0.296
MW-23	UA	E006	Cadmium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.001	0.001
MW-23	UA	E006	Chloride, total	mg/L	02/26/21 - 08/21/24	15	0	CB around linear reg	23.8	18.0
MW-23	UA	E006	Chromium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.0015	0.00950
MW-23	UA	E006	Cobalt, total	mg/L	02/26/21 - 08/21/24	15	40	CI around median	0.001	0.00390
MW-23	UA	E006	Fluoride, total	mg/L	02/26/21 - 08/21/24	15	7	CI around mean	0.328	0.510
MW-23	UA	E006	Lead, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.001	0.00510
MW-23	UA	E006	Lithium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.003	0.0120
MW-23	UA	E006	Mercury, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.0002	0.0002
MW-23	UA	E006	Molybdenum, total	mg/L	02/26/21 - 08/21/24	15	93	CI around median	0.0015	0.00620
MW-23	UA	E006	pH (field)	SU	02/26/21 - 08/21/24	15	0	CI around mean	6.6/6.8	5.6/7.6
MW-23	UA	E006	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 08/21/24	15	0	CI around mean	0.263	1.00
MW-23	UA	E006	Selenium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.001	0.00180
MW-23	UA	E006	Sulfate, total	mg/L	02/26/21 - 08/21/24	15	0	CI around mean	42.1	151
MW-23	UA	E006	Thallium, total	mg/L	02/26/21 - 08/21/24	15	100	All ND - Last	0.002	0.002
MW-23	UA	E006	Total Dissolved Solids	mg/L	02/26/21 - 08/21/24	14	0	CI around mean	585	494
MW-27	USCU	E006	Antimony, total	mg/L	02/24/21 - 08/21/24	12	83	CI around median	0.001	0.001
MW-27	USCU	E006	Arsenic, total	mg/L	02/24/21 - 08/21/24	12	0	CI around geomean	0.00376	0.00480
MW-27	USCU	E006	Barium, total	mg/L	02/24/21 - 08/21/24	12	0	CI around geomean	0.0895	0.150

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-27	USCU	E006	Beryllium, total	mg/L	02/24/21 - 08/21/24	12	75	CI around median	0.001	0.001
MW-27	USCU	E006	Boron, total	mg/L	02/24/21 - 08/21/24	12	0	CI around mean	0.944	0.296
MW-27	USCU	E006	Cadmium, total	mg/L	02/24/21 - 08/21/24	12	92	CI around median	0.001	0.001
MW-27	USCU	E006	Chloride, total	mg/L	02/24/21 - 08/21/24	12	0	CI around mean	13	18.0
MW-27	USCU	E006	Chromium, total	mg/L	02/24/21 - 08/21/24	12	8	CI around geomean	0.00346	0.00950
MW-27	USCU	E006	Cobalt, total	mg/L	02/24/21 - 08/21/24	12	0	CI around geomean	0.0025	0.00390
MW-27	USCU	E006	Fluoride, total	mg/L	02/24/21 - 08/21/24	12	8	CI around median	0.17	0.510
MW-27	USCU	E006	Lead, total	mg/L	02/24/21 - 08/21/24	12	8	CI around geomean	0.00161	0.00510
MW-27	USCU	E006	Lithium, total	mg/L	02/24/21 - 08/21/24	12	25	CI around geomean	0.00358	0.0120
MW-27	USCU	E006	Mercury, total	mg/L	02/24/21 - 08/21/24	12	83	CI around median	0.0002	0.0002
MW-27	USCU	E006	Molybdenum, total	mg/L	02/24/21 - 08/21/24	12	17	CI around geomean	0.00227	0.00620
MW-27	USCU	E006	pH (field)	SU	02/24/21 - 08/21/24	13	0	CI around mean	6.6/6.9	5.6/7.6
MW-27	USCU	E006	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 08/21/24	12	0	CI around geomean	0.461	1.00
MW-27	USCU	E006	Selenium, total	mg/L	02/24/21 - 08/21/24	12	100	All ND - Last	0.001	0.00180
MW-27	USCU	E006	Sulfate, total	mg/L	02/24/21 - 08/21/24	12	0	CB around linear reg	301	151
MW-27	USCU	E006	Thallium, total	mg/L	02/24/21 - 08/21/24	12	92	CI around median	0.002	0.002
MW-27	USCU	E006	Total Dissolved Solids	mg/L	02/24/21 - 08/21/24	11	0	CI around mean	769	494
MW-28	UA	E006	Antimony, total	mg/L	02/24/21 - 08/20/24	15	100	All ND - Last	0.001	0.001
MW-28	UA	E006	Arsenic, total	mg/L	02/24/21 - 08/20/24	15	100	All ND - Last	0.001	0.00480
MW-28	UA	E006	Barium, total	mg/L	02/24/21 - 08/20/24	15	0	CI around mean	0.0228	0.150
MW-28	UA	E006	Beryllium, total	mg/L	02/24/21 - 08/20/24	15	100	All ND - Last	0.001	0.001
MW-28	UA	E006	Boron, total	mg/L	02/24/21 - 08/20/24	15	0	CI around mean	8.73	0.296
MW-28	UA	E006	Cadmium, total	mg/L	02/24/21 - 08/20/24	15	100	All ND - Last	0.001	0.001
MW-28	UA	E006	Chloride, total	mg/L	02/24/21 - 08/20/24	15	0	CI around mean	12.1	18.0
MW-28	UA	E006	Chromium, total	mg/L	02/24/21 - 08/20/24	15	100	All ND - Last	0.0015	0.00950
MW-28	UA	E006	Cobalt, total	mg/L	02/24/21 - 08/20/24	15	87	CI around median	0.001	0.00390
MW-28	UA	E006	Fluoride, total	mg/L	02/24/21 - 08/20/24	15	7	CI around median	0.13	0.510

ATTACHMENT C.
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-28	UA	E006	Lead, total	mg/L	02/24/21 - 08/20/24	15	100	All ND - Last	0.001	0.00510
MW-28	UA	E006	Lithium, total	mg/L	02/24/21 - 08/20/24	15	0	CI around mean	0.00616	0.0120
MW-28	UA	E006	Mercury, total	mg/L	02/24/21 - 08/20/24	15	100	All ND - Last	0.0002	0.0002
MW-28	UA	E006	Molybdenum, total	mg/L	02/24/21 - 08/20/24	15	93	CI around median	0.0015	0.00620
MW-28	UA	E006	pH (field)	SU	02/24/21 - 08/20/24	15	0	CI around mean	6.6/6.8	5.6/7.6
MW-28	UA	E006	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 08/20/24	15	0	CB around linear reg	0.336	1.00
MW-28	UA	E006	Selenium, total	mg/L	02/24/21 - 08/20/24	15	100	All ND - Last	0.001	0.00180
MW-28	UA	E006	Sulfate, total	mg/L	02/24/21 - 08/20/24	15	0	CI around mean	827	151
MW-28	UA	E006	Thallium, total	mg/L	02/24/21 - 08/20/24	15	100	All ND - Last	0.002	0.002
MW-28	UA	E006	Total Dissolved Solids	mg/L	02/24/21 - 08/20/24	14	0	CI around mean	1,650	494
MW-30	UA	E006	Antimony, total	mg/L	02/25/21 - 08/20/24	15	93	Most recent sample	0.001	0.001
MW-30	UA	E006	Arsenic, total	mg/L	02/25/21 - 08/20/24	15	7	CB around linear reg	0.00561	0.00480
MW-30	UA	E006	Barium, total	mg/L	02/25/21 - 08/20/24	15	0	CI around mean	0.154	0.150
MW-30	UA	E006	Beryllium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.001	0.001
MW-30	UA	E006	Boron, total	mg/L	02/25/21 - 08/20/24	15	0	CI around median	1.09	0.296
MW-30	UA	E006	Cadmium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.001	0.001
MW-30	UA	E006	Chloride, total	mg/L	02/25/21 - 08/20/24	15	0	CB around linear reg	36.9	18.0
MW-30	UA	E006	Chromium, total	mg/L	02/25/21 - 08/20/24	15	80	CI around median	0.0015	0.00950
MW-30	UA	E006	Cobalt, total	mg/L	02/25/21 - 08/20/24	15	0	CI around mean	0.00202	0.00390
MW-30	UA	E006	Fluoride, total	mg/L	02/25/21 - 08/20/24	15	7	CB around T-S line	0.26	0.510
MW-30	UA	E006	Lead, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.001	0.00510
MW-30	UA	E006	Lithium, total	mg/L	02/25/21 - 08/20/24	15	87	CB around T-S line	-0.000404	0.0120
MW-30	UA	E006	Mercury, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.0002	0.0002
MW-30	UA	E006	Molybdenum, total	mg/L	02/25/21 - 08/20/24	15	33	CI around median	0.0015	0.00620
MW-30	UA	E006	pH (field)	SU	02/25/21 - 08/20/24	15	0	CB around linear reg	6.5/6.8	5.6/7.6
MW-30	UA	E006	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 08/20/24	15	0	CI around geomean	0.591	1.00
MW-30	UA	E006	Selenium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.001	0.00180

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024
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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-30	UA	E006	Sulfate, total	mg/L	02/25/21 - 08/20/24	15	47	CB around linear reg	-23.5	151
MW-30	UA	E006	Thallium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.002	0.002
MW-30	UA	E006	Total Dissolved Solids	mg/L	02/25/21 - 08/20/24	14	0	CB around T-S line	446	494
MW-31	UA	E006	Antimony, total	mg/L	02/24/21 - 08/21/24	15	100	All ND - Last	0.001	0.001
MW-31	UA	E006	Arsenic, total	mg/L	02/24/21 - 08/21/24	15	7	CI around mean	0.00248	0.00480
MW-31	UA	E006	Barium, total	mg/L	02/24/21 - 08/21/24	15	0	CI around mean	0.213	0.150
MW-31	UA	E006	Beryllium, total	mg/L	02/24/21 - 08/21/24	15	100	All ND - Last	0.001	0.001
MW-31	UA	E006	Boron, total	mg/L	02/24/21 - 08/21/24	15	0	CI around mean	0.238	0.296
MW-31	UA	E006	Cadmium, total	mg/L	02/24/21 - 08/21/24	15	100	All ND - Last	0.001	0.001
MW-31	UA	E006	Chloride, total	mg/L	02/24/21 - 08/21/24	15	0	CI around mean	45.5	18.0
MW-31	UA	E006	Chromium, total	mg/L	02/24/21 - 08/21/24	15	100	All ND - Last	0.0015	0.00950
MW-31	UA	E006	Cobalt, total	mg/L	02/24/21 - 08/21/24	15	73	CI around median	0.001	0.00390
MW-31	UA	E006	Fluoride, total	mg/L	02/24/21 - 08/21/24	15	7	CI around median	0.17	0.510
MW-31	UA	E006	Lead, total	mg/L	02/24/21 - 08/21/24	15	100	All ND - Last	0.001	0.00510
MW-31	UA	E006	Lithium, total	mg/L	02/24/21 - 08/21/24	15	0	CI around mean	0.00455	0.0120
MW-31	UA	E006	Mercury, total	mg/L	02/24/21 - 08/21/24	15	100	All ND - Last	0.0002	0.0002
MW-31	UA	E006	Molybdenum, total	mg/L	02/24/21 - 08/21/24	15	60	CB around T-S line	-0.00475	0.00620
MW-31	UA	E006	pH (field)	SU	02/24/21 - 08/21/24	15	0	CI around mean	6.5/6.7	5.6/7.6
MW-31	UA	E006	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 08/21/24	15	0	CI around mean	0.6	1.00
MW-31	UA	E006	Selenium, total	mg/L	02/24/21 - 08/21/24	15	100	All ND - Last	0.001	0.00180
MW-31	UA	E006	Sulfate, total	mg/L	02/24/21 - 08/21/24	15	100	All ND - Last	10	151
MW-31	UA	E006	Thallium, total	mg/L	02/24/21 - 08/21/24	15	100	All ND - Last	0.002	0.002
MW-31	UA	E006	Total Dissolved Solids	mg/L	02/24/21 - 08/21/24	14	0	CI around mean	568	494
MW-31S	USCU	E006	Antimony, total	mg/L	02/24/21 - 08/21/24	14	86	CI around median	0.001	0.001
MW-31S	USCU	E006	Arsenic, total	mg/L	02/24/21 - 08/21/24	14	0	CI around mean	0.00654	0.00480
MW-31S	USCU	E006	Barium, total	mg/L	02/24/21 - 08/21/24	14	0	CI around geomean	0.211	0.150
MW-31S	USCU	E006	Beryllium, total	mg/L	02/24/21 - 08/21/24	14	93	CI around median	0.001	0.001

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024
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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	E006	Boron, total	mg/L	02/24/21 - 08/21/24	14	7	CI around geomean	0.0341	0.296
MW-31S	USCU	E006	Cadmium, total	mg/L	02/24/21 - 08/21/24	14	100	All ND - Last	0.001	0.001
MW-31S	USCU	E006	Chloride, total	mg/L	02/24/21 - 08/21/24	13	0	CI around median	15	18.0
MW-31S	USCU	E006	Chromium, total	mg/L	02/24/21 - 08/21/24	14	57	CI around median	0.0015	0.00950
MW-31S	USCU	E006	Cobalt, total	mg/L	02/24/21 - 08/21/24	14	0	CI around geomean	0.00238	0.00390
MW-31S	USCU	E006	Fluoride, total	mg/L	02/24/21 - 08/21/24	13	8	CI around mean	0.22	0.510
MW-31S	USCU	E006	Lead, total	mg/L	02/24/21 - 08/21/24	14	43	CI around median	0.001	0.00510
MW-31S	USCU	E006	Lithium, total	mg/L	02/24/21 - 08/21/24	14	57	CI around median	0.003	0.0120
MW-31S	USCU	E006	Mercury, total	mg/L	02/24/21 - 08/21/24	14	100	All ND - Last	0.0002	0.0002
MW-31S	USCU	E006	Molybdenum, total	mg/L	02/24/21 - 08/21/24	14	43	CB around linear reg	-0.000667	0.00620
MW-31S	USCU	E006	pH (field)	SU	02/24/21 - 08/21/24	15	0	CI around mean	6.5/6.7	5.6/7.6
MW-31S	USCU	E006	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 08/21/24	13	0	CI around mean	0.919	1.00
MW-31S	USCU	E006	Selenium, total	mg/L	02/24/21 - 08/21/24	14	100	All ND - Last	0.001	0.00180
MW-31S	USCU	E006	Sulfate, total	mg/L	02/24/21 - 08/21/24	13	23	CB around linear reg	-77.9	151
MW-31S	USCU	E006	Thallium, total	mg/L	02/24/21 - 08/21/24	14	100	All ND - Last	0.002	0.002
MW-31S	USCU	E006	Total Dissolved Solids	mg/L	02/24/21 - 08/21/24	12	0	CB around linear reg	577	494
MW-32	UA	E006	Antimony, total	mg/L	02/25/21 - 08/20/24	15	93	CI around median	0.001	0.001
MW-32	UA	E006	Arsenic, total	mg/L	02/25/21 - 08/20/24	15	93	CI around median	0.001	0.00480
MW-32	UA	E006	Barium, total	mg/L	02/25/21 - 08/20/24	15	0	CB around linear reg	0.0273	0.150
MW-32	UA	E006	Beryllium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.001	0.001
MW-32	UA	E006	Boron, total	mg/L	02/25/21 - 08/20/24	15	0	CI around mean	1.53	0.296
MW-32	UA	E006	Cadmium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.001	0.001
MW-32	UA	E006	Chloride, total	mg/L	02/25/21 - 08/20/24	15	0	CB around linear reg	9.25	18.0
MW-32	UA	E006	Chromium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.0015	0.00950
MW-32	UA	E006	Cobalt, total	mg/L	02/25/21 - 08/20/24	15	80	CI around median	0.001	0.00390
MW-32	UA	E006	Fluoride, total	mg/L	02/25/21 - 08/20/24	15	7	CI around median	0.17	0.510
MW-32	UA	E006	Lead, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.001	0.00510

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024
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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	E006	Lithium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.003	0.0120
MW-32	UA	E006	Mercury, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.0002	0.0002
MW-32	UA	E006	Molybdenum, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.0015	0.00620
MW-32	UA	E006	pH (field)	SU	02/25/21 - 08/20/24	15	0	CI around mean	6.3/6.5	5.6/7.6
MW-32	UA	E006	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 08/20/24	15	0	CI around median	0.149	1.00
MW-32	UA	E006	Selenium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.001	0.00180
MW-32	UA	E006	Sulfate, total	mg/L	02/25/21 - 08/20/24	15	0	CB around linear reg	307	151
MW-32	UA	E006	Thallium, total	mg/L	02/25/21 - 08/20/24	15	100	All ND - Last	0.002	0.002
MW-32	UA	E006	Total Dissolved Solids	mg/L	02/25/21 - 08/20/24	14	0	CB around linear reg	987	494
PZ-4C	UA	E006	Antimony, total	mg/L	02/25/21 - 08/21/24	14	86	CI around median	0.001	0.001
PZ-4C	UA	E006	Arsenic, total	mg/L	02/25/21 - 08/21/24	14	36	CI around median	0.001	0.00480
PZ-4C	UA	E006	Barium, total	mg/L	02/25/21 - 08/21/24	14	0	CI around median	0.25	0.150
PZ-4C	UA	E006	Beryllium, total	mg/L	02/25/21 - 08/21/24	14	93	CI around median	0.001	0.001
PZ-4C	UA	E006	Boron, total	mg/L	02/25/21 - 08/21/24	14	0	CI around mean	1.38	0.296
PZ-4C	UA	E006	Cadmium, total	mg/L	02/25/21 - 08/21/24	14	93	CI around median	0.001	0.001
PZ-4C	UA	E006	Chloride, total	mg/L	02/25/21 - 08/21/24	14	0	CB around linear reg	30.5	18.0
PZ-4C	UA	E006	Chromium, total	mg/L	02/25/21 - 08/21/24	14	36	CI around median	0.0015	0.00950
PZ-4C	UA	E006	Cobalt, total	mg/L	02/25/21 - 08/21/24	14	71	CI around median	0.001	0.00390
PZ-4C	UA	E006	Fluoride, total	mg/L	02/25/21 - 08/21/24	14	7	CI around median	0.38	0.510
PZ-4C	UA	E006	Lead, total	mg/L	02/25/21 - 08/21/24	14	57	CI around median	0.001	0.00510
PZ-4C	UA	E006	Lithium, total	mg/L	02/25/21 - 08/21/24	14	0	CI around median	0.0068	0.0120
PZ-4C	UA	E006	Mercury, total	mg/L	02/25/21 - 08/21/24	14	93	CI around median	0.0002	0.0002
PZ-4C	UA	E006	Molybdenum, total	mg/L	02/25/21 - 08/21/24	14	79	CI around median	0.0015	0.00620
PZ-4C	UA	E006	pH (field)	SU	02/25/21 - 08/21/24	14	0	CI around mean	6.7/7.0	5.6/7.6
PZ-4C	UA	E006	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 08/21/24	14	0	CI around geomean	0.597	1.00
PZ-4C	UA	E006	Selenium, total	mg/L	02/25/21 - 08/21/24	14	100	All ND - Last	0.001	0.00180
PZ-4C	UA	E006	Sulfate, total	mg/L	02/25/21 - 08/21/24	14	0	CI around median	65.3	151

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2024
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KINCAID POWER PLANT
ASH POND
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
PZ-4C	UA	E006	Thallium, total	mg/L	02/25/21 - 08/21/24	14	100	All ND - Last	0.002	0.002
PZ-4C	UA	E006	Total Dissolved Solids	mg/L	02/25/21 - 08/21/24	13	0	CI around mean	544	494

Notes:

- = no data available
Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value
HSU = hydrostratigraphic unit:
 UA = Uppermost Aquifer
 USCU = Upper Semi-Confining Unit
mg/L = milligrams per liter
Missing Code (if applicable):
 NR¹ = Select parameters were not analyzed.
 NS¹ = This 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 = A sample was not collected because the location was inaccessible.
 NS⁴ = The location could not be found, therefore a sample was not collected.
 NS⁵ = A sample was not collected because of damage to the well.
 NS⁶ = A sample was not collected because of pump issues.
 NS⁷ = A sample was not collected because the well was either dry or was purged dry and did not recover.
 NS⁸ = A sample was not collected.
 PM¹ = Select parameters were not analyzed as the well purged dry during sample collection and did not sufficiently recover to sample for all parameters.
ND = non-detect
pCi/L = picocuries per liter
SU = standard units
Sample Count = number of samples from Sampled Date Range used to calculate the Statistical Result
Statistical Calculation = method used to calculate the statistical result:
 All ND - Last = All results were below the reporting limit, and the last determined reporting limit is shown
 CB around T-S line = Confidence band around Thiel-Sen line
 CB around linear reg = Confidence band around linear regression
 CI around geomean = Confidence interval around the geometric mean
 CI around mean = Confidence interval around the mean
 CI around median = Confidence interval around the median
 Most recent sample = Result for the most recently collected sample used due to insufficient data
Statistical Result = calculated in accordance with the Statistical Analysis Plan using constituent concentrations observed at each monitoring well during all sampling events within the specified date range
For pH, the values presented are the lower / upper limits of the background determination