



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

September 15, 2023

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.) Section (§) 845.610(b)(3)(D), Kincaid Generation, LLC is submitting groundwater monitoring data for the Quarter 2 2023 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 exceedances of the GWPS.

The date of this submittal is considered to be the date that exceedances of the GWPS 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). As allowed in 35 I.A.C. § 845.650(e), an alternate source demonstration (ASD) will be evaluated for the detected exceedances of the GWPS and, if successfully completed, the ASD will be submitted to IEPA within 60 days of this transmittal.

Sincerely,

A handwritten signature in blue ink, appearing to read "Phil Morris", is written over a light blue horizontal line.

Phil Morris, PE
Senior Director, Environmental

Enclosures

Groundwater Monitoring Data and Detected Exceedances, Quarter 2 2023, Ash Pond, Kincaid Power Plant, Kincaid, Illinois

35 I.A.C. § 845.610(B)(3)(D)
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES
2023 QUARTER 2
ASH POND, KINCAID POWER PLANT, KINCAID, ILLINOIS

September 15, 2023

Samples were collected on June 12 and 13, 2023 and analyzed for the parameters listed in Title 35 of the Illinois Administrative Code (35 I.A.C.) Section (§) 845.600(a), calcium, and turbidity. Final laboratory analytical data was received on July 17, 2023¹.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 2 2023 sampling event. Monitoring wells MW-7S and MW-8S were dry or went dry during purging; therefore, groundwater elevation data were not recorded for this sampling event. **Table 1** is a summary of the field parameters and analytical results. Field parameters were recorded for monitoring wells MW-27 and MW-31S; however, the wells were purged dry and there was not enough sample volume to be collected for laboratory analysis. **Attachment B** contains the associated laboratory analytical reports and field data sheets for the Quarter 2 2023 sampling event.

Statistical procedures used to evaluate groundwater results are provided in Appendix A of the Groundwater Monitoring Plan² provided in the operating permit application. In accordance with 35 I.A.C. § 845.610(b)(3)(B), the Quarter 2 2023 groundwater monitoring data were evaluated for statistically significant levels (SSLs) 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 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.

As allowed in 35 I.A.C. § 845.650(e), an alternate source demonstration (ASD) will be evaluated for the detected exceedances of the GWPS and, if successfully completed, the ASD will be submitted to Illinois Environmental Protection Agency (IEPA) within 60 days of this transmittal.

TABLES

- Table 1 Field Parameters and Analytical Results - Quarter 2, 2023
- Table 2 Comparison of Statistical Results to GWPS - Quarter 2, 2023

FIGURES

- Figure 1 35 I.A.C. § 845 Groundwater Monitoring Well Network

ATTACHMENTS

- Attachment A Groundwater Elevation Data - Quarter 2, 2023
- Attachment B Laboratory Reports and Field Data Sheets - Quarter 2, 2023
- Attachment C Comparison of Statistical Results to Background - Quarter 2, 2023

¹ The lab report was revised and resubmitted on August 4, 2023 after the final results were provided. The lab report dated August 4, 2023 is included in Attachment B.
² Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2021. *Groundwater Monitoring Plan. Ash Pond. Kincaid Power Plant. Kincaid, Illinois. October 25, 2021.*

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
 KINCAID POWER PLANT
 ASH POND
 KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-1	Background	E001	06/12/2023	Antimony, total	0.0004 U	mg/L
MW-1	Background	E001	06/12/2023	Arsenic, total	0.0087 U	mg/L
MW-1	Background	E001	06/12/2023	Barium, total	0.0431	mg/L
MW-1	Background	E001	06/12/2023	Beryllium, total	0.0002 U	mg/L
MW-1	Background	E001	06/12/2023	Boron, total	0.208	mg/L
MW-1	Background	E001	06/12/2023	Cadmium, total	0.0005 U	mg/L
MW-1	Background	E001	06/12/2023	Calcium, total	51.4	mg/L
MW-1	Background	E001	06/12/2023	Chloride, total	15.0	mg/L
MW-1	Background	E001	06/12/2023	Chromium, total	0.0028 U	mg/L
MW-1	Background	E001	06/12/2023	Cobalt, total	0.0001 U	mg/L
MW-1	Background	E001	06/12/2023	Dissolved Oxygen	0.680	mg/L
MW-1	Background	E001	06/12/2023	Fluoride, total	0.200	mg/L
MW-1	Background	E001	06/12/2023	Lead, total	0.004 U	mg/L
MW-1	Background	E001	06/12/2023	Lithium, total	0.0015 U	mg/L
MW-1	Background	E001	06/12/2023	Mercury, total	0.00006 U	mg/L
MW-1	Background	E001	06/12/2023	Molybdenum, total	0.0037 U	mg/L
MW-1	Background	E001	06/12/2023	Oxidation Reduction Potential	113	mV
MW-1	Background	E001	06/12/2023	pH (field)	6.1	SU
MW-1	Background	E001	06/12/2023	Radium 226 + Radium 228, total	0.279 <0	pCi/L
MW-1	Background	E001	06/12/2023	Selenium, total	0.0006 U	mg/L
MW-1	Background	E001	06/12/2023	Specific Conductance @ 25C (field)	528	micromhos/cm
MW-1	Background	E001	06/12/2023	Sulfate, total	83.0	mg/L
MW-1	Background	E001	06/12/2023	Temperature	12.8	degrees C
MW-1	Background	E001	06/12/2023	Thallium, total	0.001 U	mg/L
MW-1	Background	E001	06/12/2023	Total Dissolved Solids	306	mg/L
MW-1	Background	E001	06/12/2023	Turbidity, field	1 U	NTU
MW-2	Background	E001	06/12/2023	Antimony, total	0.0004 U	mg/L
MW-2	Background	E001	06/12/2023	Arsenic, total	0.0103	mg/L
MW-2	Background	E001	06/12/2023	Barium, total	0.315	mg/L
MW-2	Background	E001	06/12/2023	Beryllium, total	0.00130	mg/L
MW-2	Background	E001	06/12/2023	Boron, total	0.0474	mg/L
MW-2	Background	E001	06/12/2023	Cadmium, total	0.0009 J	mg/L
MW-2	Background	E001	06/12/2023	Calcium, total	225	mg/L
MW-2	Background	E001	06/12/2023	Chloride, total	16.0	mg/L
MW-2	Background	E001	06/12/2023	Chromium, total	0.0242	mg/L
MW-2	Background	E001	06/12/2023	Cobalt, total	0.0185	mg/L
MW-2	Background	E001	06/12/2023	Dissolved Oxygen	0.640	mg/L
MW-2	Background	E001	06/12/2023	Fluoride, total	0.480	mg/L
MW-2	Background	E001	06/12/2023	Lead, total	0.0272	mg/L
MW-2	Background	E001	06/12/2023	Lithium, total	0.0241	mg/L
MW-2	Background	E001	06/12/2023	Mercury, total	0.00006 U	mg/L
MW-2	Background	E001	06/12/2023	Molybdenum, total	0.0037 U	mg/L
MW-2	Background	E001	06/12/2023	Oxidation Reduction Potential	111	mV
MW-2	Background	E001	06/12/2023	pH (field)	7.0	SU
MW-2	Background	E001	06/12/2023	Radium 226 + Radium 228, total	9.33	pCi/L
MW-2	Background	E001	06/12/2023	Selenium, total	0.0006 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
 KINCAID POWER PLANT
 ASH POND
 KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-2	Background	E001	06/12/2023	Specific Conductance @ 25C (field)	763	micromhos/cm
MW-2	Background	E001	06/12/2023	Sulfate, total	149	mg/L
MW-2	Background	E001	06/12/2023	Temperature	12.6	degrees C
MW-2	Background	E001	06/12/2023	Thallium, total	0.001 U	mg/L
MW-2	Background	E001	06/12/2023	Total Dissolved Solids	535	mg/L
MW-2	Background	E001	06/12/2023	Turbidity, field	220	NTU
MW-3	Compliance	E001	06/13/2023	Antimony, total	0.0004 U	mg/L
MW-3	Compliance	E001	06/13/2023	Arsenic, total	0.0087 U	mg/L
MW-3	Compliance	E001	06/13/2023	Barium, total	0.0451	mg/L
MW-3	Compliance	E001	06/13/2023	Beryllium, total	0.0002 U	mg/L
MW-3	Compliance	E001	06/13/2023	Boron, total	1.51	mg/L
MW-3	Compliance	E001	06/13/2023	Cadmium, total	0.0005 U	mg/L
MW-3	Compliance	E001	06/13/2023	Calcium, total	95.8	mg/L
MW-3	Compliance	E001	06/13/2023	Chloride, total	30.0	mg/L
MW-3	Compliance	E001	06/13/2023	Chromium, total	0.0028 U	mg/L
MW-3	Compliance	E001	06/13/2023	Cobalt, total	0.0005 U	mg/L
MW-3	Compliance	E001	06/13/2023	Dissolved Oxygen	0.530	mg/L
MW-3	Compliance	E001	06/13/2023	Fluoride, total	0.240	mg/L
MW-3	Compliance	E001	06/13/2023	Lead, total	0.004 U	mg/L
MW-3	Compliance	E001	06/13/2023	Lithium, total	0.0021 J	mg/L
MW-3	Compliance	E001	06/13/2023	Mercury, total	0.00006 U	mg/L
MW-3	Compliance	E001	06/13/2023	Molybdenum, total	0.0037 U	mg/L
MW-3	Compliance	E001	06/13/2023	Oxidation Reduction Potential	103	mV
MW-3	Compliance	E001	06/13/2023	pH (field)	6.5	SU
MW-3	Compliance	E001	06/13/2023	Radium 226 + Radium 228, total	2.75 J+	pCi/L
MW-3	Compliance	E001	06/13/2023	Selenium, total	0.0008 J	mg/L
MW-3	Compliance	E001	06/13/2023	Specific Conductance @ 25C (field)	978	micromhos/cm
MW-3	Compliance	E001	06/13/2023	Sulfate, total	130	mg/L
MW-3	Compliance	E001	06/13/2023	Temperature	13.0	degrees C
MW-3	Compliance	E001	06/13/2023	Thallium, total	0.001 U	mg/L
MW-3	Compliance	E001	06/13/2023	Total Dissolved Solids	568	mg/L
MW-3	Compliance	E001	06/13/2023	Turbidity, field	3.80	NTU
MW-5	Compliance	E001	06/13/2023	Antimony, total	0.0004 U	mg/L
MW-5	Compliance	E001	06/13/2023	Arsenic, total	0.0087 U	mg/L
MW-5	Compliance	E001	06/13/2023	Barium, total	0.160	mg/L
MW-5	Compliance	E001	06/13/2023	Beryllium, total	0.0002 U	mg/L
MW-5	Compliance	E001	06/13/2023	Boron, total	0.532	mg/L
MW-5	Compliance	E001	06/13/2023	Cadmium, total	0.0005 U	mg/L
MW-5	Compliance	E001	06/13/2023	Calcium, total	160	mg/L
MW-5	Compliance	E001	06/13/2023	Chloride, total	45.0	mg/L
MW-5	Compliance	E001	06/13/2023	Chromium, total	0.0028 U	mg/L
MW-5	Compliance	E001	06/13/2023	Cobalt, total	0.0007 J	mg/L
MW-5	Compliance	E001	06/13/2023	Dissolved Oxygen	1.47	mg/L
MW-5	Compliance	E001	06/13/2023	Fluoride, total	0.180	mg/L
MW-5	Compliance	E001	06/13/2023	Lead, total	0.004 U	mg/L
MW-5	Compliance	E001	06/13/2023	Lithium, total	0.00300 J	mg/L

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ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-5	Compliance	E001	06/13/2023	Mercury, total	0.00006 U	mg/L
MW-5	Compliance	E001	06/13/2023	Molybdenum, total	0.0037 U	mg/L
MW-5	Compliance	E001	06/13/2023	Oxidation Reduction Potential	97.0	mV
MW-5	Compliance	E001	06/13/2023	pH (field)	6.7	SU
MW-5	Compliance	E001	06/13/2023	Radium 226 + Radium 228, total	2.29 J+	pCi/L
MW-5	Compliance	E001	06/13/2023	Selenium, total	0.0006 J	mg/L
MW-5	Compliance	E001	06/13/2023	Specific Conductance @ 25C (field)	1,360	micromhos/cm
MW-5	Compliance	E001	06/13/2023	Sulfate, total	10.0 J	mg/L
MW-5	Compliance	E001	06/13/2023	Temperature	14.5	degrees C
MW-5	Compliance	E001	06/13/2023	Thallium, total	0.001 U	mg/L
MW-5	Compliance	E001	06/13/2023	Total Dissolved Solids	756	mg/L
MW-5	Compliance	E001	06/13/2023	Turbidity, field	1 U	NTU
MW-6	Compliance	E001	06/13/2023	Antimony, total	0.0004 U	mg/L
MW-6	Compliance	E001	06/13/2023	Arsenic, total	0.0087 U	mg/L
MW-6	Compliance	E001	06/13/2023	Barium, total	0.0431	mg/L
MW-6	Compliance	E001	06/13/2023	Beryllium, total	0.0002 U	mg/L
MW-6	Compliance	E001	06/13/2023	Boron, total	0.996	mg/L
MW-6	Compliance	E001	06/13/2023	Cadmium, total	0.0005 U	mg/L
MW-6	Compliance	E001	06/13/2023	Calcium, total	93.2	mg/L
MW-6	Compliance	E001	06/13/2023	Chloride, total	2 J	mg/L
MW-6	Compliance	E001	06/13/2023	Chromium, total	0.0028 U	mg/L
MW-6	Compliance	E001	06/13/2023	Cobalt, total	0.0005 U	mg/L
MW-6	Compliance	E001	06/13/2023	Dissolved Oxygen	5.13	mg/L
MW-6	Compliance	E001	06/13/2023	Fluoride, total	0.200	mg/L
MW-6	Compliance	E001	06/13/2023	Lead, total	0.004 U	mg/L
MW-6	Compliance	E001	06/13/2023	Lithium, total	0.0015 U	mg/L
MW-6	Compliance	E001	06/13/2023	Mercury, total	0.00006 U	mg/L
MW-6	Compliance	E001	06/13/2023	Molybdenum, total	0.0037 U	mg/L
MW-6	Compliance	E001	06/13/2023	Oxidation Reduction Potential	96.0	mV
MW-6	Compliance	E001	06/13/2023	pH (field)	6.6	SU
MW-6	Compliance	E001	06/13/2023	Radium 226 + Radium 228, total	1.49 J+	pCi/L
MW-6	Compliance	E001	06/13/2023	Selenium, total	0.0006 J	mg/L
MW-6	Compliance	E001	06/13/2023	Specific Conductance @ 25C (field)	809	micromhos/cm
MW-6	Compliance	E001	06/13/2023	Sulfate, total	126	mg/L
MW-6	Compliance	E001	06/13/2023	Temperature	13.8	degrees C
MW-6	Compliance	E001	06/13/2023	Thallium, total	0.001 U	mg/L
MW-6	Compliance	E001	06/13/2023	Total Dissolved Solids	462	mg/L
MW-6	Compliance	E001	06/13/2023	Turbidity, field	2.50	NTU
MW-7	Compliance	E001	06/12/2023	Antimony, total	0.0004 U	mg/L
MW-7	Compliance	E001	06/12/2023	Arsenic, total	0.0087 U	mg/L
MW-7	Compliance	E001	06/12/2023	Barium, total	0.0347	mg/L
MW-7	Compliance	E001	06/12/2023	Beryllium, total	0.0002 U	mg/L
MW-7	Compliance	E001	06/12/2023	Boron, total	0.247	mg/L
MW-7	Compliance	E001	06/12/2023	Cadmium, total	0.0005 U	mg/L
MW-7	Compliance	E001	06/12/2023	Calcium, total	109	mg/L
MW-7	Compliance	E001	06/12/2023	Chloride, total	1 J	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

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 KINCAID POWER PLANT
 ASH POND
 KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-7	Compliance	E001	06/12/2023	Chromium, total	0.0028 U	mg/L
MW-7	Compliance	E001	06/12/2023	Cobalt, total	0.0009 J	mg/L
MW-7	Compliance	E001	06/12/2023	Dissolved Oxygen	1.02	mg/L
MW-7	Compliance	E001	06/12/2023	Fluoride, total	0.270	mg/L
MW-7	Compliance	E001	06/12/2023	Lead, total	0.004 U	mg/L
MW-7	Compliance	E001	06/12/2023	Lithium, total	0.0023 J	mg/L
MW-7	Compliance	E001	06/12/2023	Mercury, total	0.00006 U	mg/L
MW-7	Compliance	E001	06/12/2023	Molybdenum, total	0.0045 J	mg/L
MW-7	Compliance	E001	06/12/2023	Oxidation Reduction Potential	36.0	mV
MW-7	Compliance	E001	06/12/2023	pH (field)	6.9	SU
MW-7	Compliance	E001	06/12/2023	Radium 226 + Radium 228, total	0.296 <0	pCi/L
MW-7	Compliance	E001	06/12/2023	Selenium, total	0.0006 U	mg/L
MW-7	Compliance	E001	06/12/2023	Specific Conductance @ 25C (field)	940	micromhos/cm
MW-7	Compliance	E001	06/12/2023	Sulfate, total	185	mg/L
MW-7	Compliance	E001	06/12/2023	Temperature	13.4	degrees C
MW-7	Compliance	E001	06/12/2023	Thallium, total	0.001 U	mg/L
MW-7	Compliance	E001	06/12/2023	Total Dissolved Solids	604	mg/L
MW-7	Compliance	E001	06/12/2023	Turbidity, field	1 U	NTU
MW-8	Compliance	E001	06/12/2023	Antimony, total	0.0004 U	mg/L
MW-8	Compliance	E001	06/12/2023	Arsenic, total	0.0087 U	mg/L
MW-8	Compliance	E001	06/12/2023	Barium, total	0.0264	mg/L
MW-8	Compliance	E001	06/12/2023	Beryllium, total	0.0002 U	mg/L
MW-8	Compliance	E001	06/12/2023	Boron, total	0.889	mg/L
MW-8	Compliance	E001	06/12/2023	Cadmium, total	0.0005 U	mg/L
MW-8	Compliance	E001	06/12/2023	Calcium, total	138	mg/L
MW-8	Compliance	E001	06/12/2023	Chloride, total	21.0	mg/L
MW-8	Compliance	E001	06/12/2023	Chromium, total	0.0028 U	mg/L
MW-8	Compliance	E001	06/12/2023	Cobalt, total	0.00120 J	mg/L
MW-8	Compliance	E001	06/12/2023	Dissolved Oxygen	0.830	mg/L
MW-8	Compliance	E001	06/12/2023	Fluoride, total	0.220	mg/L
MW-8	Compliance	E001	06/12/2023	Lead, total	0.004 U	mg/L
MW-8	Compliance	E001	06/12/2023	Lithium, total	0.0017 J	mg/L
MW-8	Compliance	E001	06/12/2023	Mercury, total	0.00006 U	mg/L
MW-8	Compliance	E001	06/12/2023	Molybdenum, total	0.0037 U	mg/L
MW-8	Compliance	E001	06/12/2023	Oxidation Reduction Potential	-22.0	mV
MW-8	Compliance	E001	06/12/2023	pH (field)	6.4	SU
MW-8	Compliance	E001	06/12/2023	Radium 226 + Radium 228, total	0.990 J+	pCi/L
MW-8	Compliance	E001	06/12/2023	Selenium, total	0.0006 U	mg/L
MW-8	Compliance	E001	06/12/2023	Specific Conductance @ 25C (field)	1,290	micromhos/cm
MW-8	Compliance	E001	06/12/2023	Sulfate, total	232	mg/L
MW-8	Compliance	E001	06/12/2023	Temperature	13.4	degrees C
MW-8	Compliance	E001	06/12/2023	Thallium, total	0.001 U	mg/L
MW-8	Compliance	E001	06/12/2023	Total Dissolved Solids	812	mg/L
MW-8	Compliance	E001	06/12/2023	Turbidity, field	1 U	NTU
MW-11	Compliance	E001	06/12/2023	Antimony, total	0.0004 U	mg/L
MW-11	Compliance	E001	06/12/2023	Arsenic, total	0.0087 U	mg/L

TABLE 1.
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845 QUARTERLY REPORT
 KINCAID POWER PLANT
 ASH POND
 KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-11	Compliance	E001	06/12/2023	Barium, total	0.126	mg/L
MW-11	Compliance	E001	06/12/2023	Beryllium, total	0.0002 U	mg/L
MW-11	Compliance	E001	06/12/2023	Boron, total	1.41	mg/L
MW-11	Compliance	E001	06/12/2023	Cadmium, total	0.0005 U	mg/L
MW-11	Compliance	E001	06/12/2023	Calcium, total	108	mg/L
MW-11	Compliance	E001	06/12/2023	Chloride, total	33.0	mg/L
MW-11	Compliance	E001	06/12/2023	Chromium, total	0.0028 U	mg/L
MW-11	Compliance	E001	06/12/2023	Cobalt, total	0.0005 J	mg/L
MW-11	Compliance	E001	06/12/2023	Dissolved Oxygen	0.540	mg/L
MW-11	Compliance	E001	06/12/2023	Fluoride, total	0.480	mg/L
MW-11	Compliance	E001	06/12/2023	Lead, total	0.004 U	mg/L
MW-11	Compliance	E001	06/12/2023	Lithium, total	0.0022 J	mg/L
MW-11	Compliance	E001	06/12/2023	Mercury, total	0.00006 U	mg/L
MW-11	Compliance	E001	06/12/2023	Molybdenum, total	0.0037 U	mg/L
MW-11	Compliance	E001	06/12/2023	Oxidation Reduction Potential	125	mV
MW-11	Compliance	E001	06/12/2023	pH (field)	6.7	SU
MW-11	Compliance	E001	06/12/2023	Radium 226 + Radium 228, total	1.54 J+	pCi/L
MW-11	Compliance	E001	06/12/2023	Selenium, total	0.00110	mg/L
MW-11	Compliance	E001	06/12/2023	Specific Conductance @ 25C (field)	1,030	micromhos/cm
MW-11	Compliance	E001	06/12/2023	Sulfate, total	125	mg/L
MW-11	Compliance	E001	06/12/2023	Temperature	14.6	degrees C
MW-11	Compliance	E001	06/12/2023	Thallium, total	0.001 U	mg/L
MW-11	Compliance	E001	06/12/2023	Total Dissolved Solids	646	mg/L
MW-11	Compliance	E001	06/12/2023	Turbidity, field	2.30	NTU
MW-12	Compliance	E001	06/13/2023	Antimony, total	0.0004 U	mg/L
MW-12	Compliance	E001	06/13/2023	Arsenic, total	0.0087 U	mg/L
MW-12	Compliance	E001	06/13/2023	Barium, total	0.0944	mg/L
MW-12	Compliance	E001	06/13/2023	Beryllium, total	0.0002 U	mg/L
MW-12	Compliance	E001	06/13/2023	Boron, total	3.39	mg/L
MW-12	Compliance	E001	06/13/2023	Cadmium, total	0.0005 U	mg/L
MW-12	Compliance	E001	06/13/2023	Calcium, total	210	mg/L
MW-12	Compliance	E001	06/13/2023	Chloride, total	31.0	mg/L
MW-12	Compliance	E001	06/13/2023	Chromium, total	0.0028 U	mg/L
MW-12	Compliance	E001	06/13/2023	Cobalt, total	0.0005 U	mg/L
MW-12	Compliance	E001	06/13/2023	Dissolved Oxygen	0.830	mg/L
MW-12	Compliance	E001	06/13/2023	Fluoride, total	0.200	mg/L
MW-12	Compliance	E001	06/13/2023	Lead, total	0.004 U	mg/L
MW-12	Compliance	E001	06/13/2023	Lithium, total	0.0102	mg/L
MW-12	Compliance	E001	06/13/2023	Mercury, total	0.00006 U	mg/L
MW-12	Compliance	E001	06/13/2023	Molybdenum, total	0.0037 U	mg/L
MW-12	Compliance	E001	06/13/2023	Oxidation Reduction Potential	-35.0	mV
MW-12	Compliance	E001	06/13/2023	pH (field)	6.7	SU
MW-12	Compliance	E001	06/13/2023	Radium 226 + Radium 228, total	1.52 J+	pCi/L
MW-12	Compliance	E001	06/13/2023	Selenium, total	0.0006 U	mg/L
MW-12	Compliance	E001	06/13/2023	Specific Conductance @ 25C (field)	1,630	micromhos/cm
MW-12	Compliance	E001	06/13/2023	Sulfate, total	378	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
 KINCAID POWER PLANT
 ASH POND
 KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-12	Compliance	E001	06/13/2023	Temperature	14.4	degrees C
MW-12	Compliance	E001	06/13/2023	Thallium, total	0.001 U	mg/L
MW-12	Compliance	E001	06/13/2023	Total Dissolved Solids	1,080	mg/L
MW-12	Compliance	E001	06/13/2023	Turbidity, field	8.40	NTU
MW-20	Compliance	E001	06/13/2023	Antimony, total	0.0004 U	mg/L
MW-20	Compliance	E001	06/13/2023	Arsenic, total	0.0087 U	mg/L
MW-20	Compliance	E001	06/13/2023	Barium, total	0.121	mg/L
MW-20	Compliance	E001	06/13/2023	Beryllium, total	0.0002 U	mg/L
MW-20	Compliance	E001	06/13/2023	Boron, total	0.586	mg/L
MW-20	Compliance	E001	06/13/2023	Cadmium, total	0.0005 U	mg/L
MW-20	Compliance	E001	06/13/2023	Calcium, total	133	mg/L
MW-20	Compliance	E001	06/13/2023	Chloride, total	22.0	mg/L
MW-20	Compliance	E001	06/13/2023	Chromium, total	0.0028 U	mg/L
MW-20	Compliance	E001	06/13/2023	Cobalt, total	0.00110	mg/L
MW-20	Compliance	E001	06/13/2023	Dissolved Oxygen	0.890	mg/L
MW-20	Compliance	E001	06/13/2023	Fluoride, total	0.360	mg/L
MW-20	Compliance	E001	06/13/2023	Lead, total	0.004 U	mg/L
MW-20	Compliance	E001	06/13/2023	Lithium, total	0.00500	mg/L
MW-20	Compliance	E001	06/13/2023	Mercury, total	0.00006 U	mg/L
MW-20	Compliance	E001	06/13/2023	Molybdenum, total	0.0041 J	mg/L
MW-20	Compliance	E001	06/13/2023	Oxidation Reduction Potential	114	mV
MW-20	Compliance	E001	06/13/2023	pH (field)	7.0	SU
MW-20	Compliance	E001	06/13/2023	Radium 226 + Radium 228, total	0.742 J+	pCi/L
MW-20	Compliance	E001	06/13/2023	Selenium, total	0.0006 U	mg/L
MW-20	Compliance	E001	06/13/2023	Specific Conductance @ 25C (field)	1,120	micromhos/cm
MW-20	Compliance	E001	06/13/2023	Sulfate, total	180	mg/L
MW-20	Compliance	E001	06/13/2023	Temperature	13.8	degrees C
MW-20	Compliance	E001	06/13/2023	Thallium, total	0.001 U	mg/L
MW-20	Compliance	E001	06/13/2023	Total Dissolved Solids	666	mg/L
MW-20	Compliance	E001	06/13/2023	Turbidity, field	4.50	NTU
MW-20S	Compliance	E001	06/13/2023	Antimony, total	0.0004 U	mg/L
MW-20S	Compliance	E001	06/13/2023	Arsenic, total	0.0087 U	mg/L
MW-20S	Compliance	E001	06/13/2023	Barium, total	0.0370	mg/L
MW-20S	Compliance	E001	06/13/2023	Beryllium, total	0.0002 U	mg/L
MW-20S	Compliance	E001	06/13/2023	Boron, total	2.19	mg/L
MW-20S	Compliance	E001	06/13/2023	Cadmium, total	0.0005 U	mg/L
MW-20S	Compliance	E001	06/13/2023	Calcium, total	204	mg/L
MW-20S	Compliance	E001	06/13/2023	Chloride, total	14.0	mg/L
MW-20S	Compliance	E001	06/13/2023	Chromium, total	0.0028 U	mg/L
MW-20S	Compliance	E001	06/13/2023	Cobalt, total	0.0005 U	mg/L
MW-20S	Compliance	E001	06/13/2023	Dissolved Oxygen	1.25	mg/L
MW-20S	Compliance	E001	06/13/2023	Fluoride, total	0.190	mg/L
MW-20S	Compliance	E001	06/13/2023	Lead, total	0.004 U	mg/L
MW-20S	Compliance	E001	06/13/2023	Lithium, total	0.0015 U	mg/L
MW-20S	Compliance	E001	06/13/2023	Mercury, total	0.00006 U	mg/L
MW-20S	Compliance	E001	06/13/2023	Molybdenum, total	0.0037 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
 KINCAID POWER PLANT
 ASH POND
 KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-20S	Compliance	E001	06/13/2023	Oxidation Reduction Potential	105	mV
MW-20S	Compliance	E001	06/13/2023	pH (field)	6.8	SU
MW-20S	Compliance	E001	06/13/2023	Radium 226 + Radium 228, total	0	pCi/L
MW-20S	Compliance	E001	06/13/2023	Selenium, total	0.0006 U	mg/L
MW-20S	Compliance	E001	06/13/2023	Specific Conductance @ 25C (field)	1,710	micromhos/cm
MW-20S	Compliance	E001	06/13/2023	Sulfate, total	519	mg/L
MW-20S	Compliance	E001	06/13/2023	Temperature	14.8	degrees C
MW-20S	Compliance	E001	06/13/2023	Thallium, total	0.001 U	mg/L
MW-20S	Compliance	E001	06/13/2023	Total Dissolved Solids	1,250	mg/L
MW-20S	Compliance	E001	06/13/2023	Turbidity, field	1 U	NTU
MW-23	Compliance	E001	06/12/2023	Antimony, total	0.0004 U	mg/L
MW-23	Compliance	E001	06/12/2023	Arsenic, total	0.0087 U	mg/L
MW-23	Compliance	E001	06/12/2023	Barium, total	0.102	mg/L
MW-23	Compliance	E001	06/12/2023	Beryllium, total	0.0002 U	mg/L
MW-23	Compliance	E001	06/12/2023	Boron, total	1.99	mg/L
MW-23	Compliance	E001	06/12/2023	Cadmium, total	0.0005 U	mg/L
MW-23	Compliance	E001	06/12/2023	Calcium, total	103	mg/L
MW-23	Compliance	E001	06/12/2023	Chloride, total	28.0	mg/L
MW-23	Compliance	E001	06/12/2023	Chromium, total	0.0028 U	mg/L
MW-23	Compliance	E001	06/12/2023	Cobalt, total	0.0008 J	mg/L
MW-23	Compliance	E001	06/12/2023	Dissolved Oxygen	1.07	mg/L
MW-23	Compliance	E001	06/12/2023	Fluoride, total	0.360	mg/L
MW-23	Compliance	E001	06/12/2023	Lead, total	0.004 U	mg/L
MW-23	Compliance	E001	06/12/2023	Lithium, total	0.0015 U	mg/L
MW-23	Compliance	E001	06/12/2023	Mercury, total	0.00006 U	mg/L
MW-23	Compliance	E001	06/12/2023	Molybdenum, total	0.0037 U	mg/L
MW-23	Compliance	E001	06/12/2023	Oxidation Reduction Potential	144	mV
MW-23	Compliance	E001	06/12/2023	pH (field)	6.4	SU
MW-23	Compliance	E001	06/12/2023	Radium 226 + Radium 228, total	0.923 J+	pCi/L
MW-23	Compliance	E001	06/12/2023	Selenium, total	0.0006 U	mg/L
MW-23	Compliance	E001	06/12/2023	Specific Conductance @ 25C (field)	1,100	micromhos/cm
MW-23	Compliance	E001	06/12/2023	Sulfate, total	47.0	mg/L
MW-23	Compliance	E001	06/12/2023	Temperature	14.0	degrees C
MW-23	Compliance	E001	06/12/2023	Thallium, total	0.001 U	mg/L
MW-23	Compliance	E001	06/12/2023	Total Dissolved Solids	634	mg/L
MW-23	Compliance	E001	06/12/2023	Turbidity, field	1 U	NTU
MW-27	Compliance	E001	06/12/2023	Dissolved Oxygen	1.17	mg/L
MW-27	Compliance	E001	06/12/2023	Oxidation Reduction Potential	-48.0	mV
MW-27	Compliance	E001	06/12/2023	pH (field)	6.7	SU
MW-27	Compliance	E001	06/12/2023	Specific Conductance @ 25C (field)	1,750	micromhos/cm
MW-27	Compliance	E001	06/12/2023	Temperature	13.3	degrees C
MW-27	Compliance	E001	06/12/2023	Turbidity, field	13.0	NTU
MW-28	Compliance	E001	06/13/2023	Antimony, total	0.0004 U	mg/L
MW-28	Compliance	E001	06/13/2023	Arsenic, total	0.0087 U	mg/L
MW-28	Compliance	E001	06/13/2023	Barium, total	0.0271	mg/L
MW-28	Compliance	E001	06/13/2023	Beryllium, total	0.0002 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
 KINCAID POWER PLANT
 ASH POND
 KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-28	Compliance	E001	06/13/2023	Boron, total	9.00	mg/L
MW-28	Compliance	E001	06/13/2023	Cadmium, total	0.0005 U	mg/L
MW-28	Compliance	E001	06/13/2023	Calcium, total	286	mg/L
MW-28	Compliance	E001	06/13/2023	Chloride, total	15.0	mg/L
MW-28	Compliance	E001	06/13/2023	Chromium, total	0.0028 U	mg/L
MW-28	Compliance	E001	06/13/2023	Cobalt, total	0.0007 J	mg/L
MW-28	Compliance	E001	06/13/2023	Dissolved Oxygen	1.01	mg/L
MW-28	Compliance	E001	06/13/2023	Fluoride, total	0.130	mg/L
MW-28	Compliance	E001	06/13/2023	Lead, total	0.004 U	mg/L
MW-28	Compliance	E001	06/13/2023	Lithium, total	0.00610	mg/L
MW-28	Compliance	E001	06/13/2023	Mercury, total	0.00006 U	mg/L
MW-28	Compliance	E001	06/13/2023	Molybdenum, total	0.0037 U	mg/L
MW-28	Compliance	E001	06/13/2023	Oxidation Reduction Potential	108	mV
MW-28	Compliance	E001	06/13/2023	pH (field)	6.8	SU
MW-28	Compliance	E001	06/13/2023	Radium 226 + Radium 228, total	0.494 <0	pCi/L
MW-28	Compliance	E001	06/13/2023	Selenium, total	0.0006 U	mg/L
MW-28	Compliance	E001	06/13/2023	Specific Conductance @ 25C (field)	2,420	micromhos/cm
MW-28	Compliance	E001	06/13/2023	Sulfate, total	951	mg/L
MW-28	Compliance	E001	06/13/2023	Temperature	14.1	degrees C
MW-28	Compliance	E001	06/13/2023	Thallium, total	0.001 U	mg/L
MW-28	Compliance	E001	06/13/2023	Total Dissolved Solids	1,770	mg/L
MW-28	Compliance	E001	06/13/2023	Turbidity, field	1 U	NTU
MW-30	Compliance	E001	06/13/2023	Antimony, total	0.0004 U	mg/L
MW-30	Compliance	E001	06/13/2023	Arsenic, total	0.0087 U	mg/L
MW-30	Compliance	E001	06/13/2023	Barium, total	0.170	mg/L
MW-30	Compliance	E001	06/13/2023	Beryllium, total	0.0002 U	mg/L
MW-30	Compliance	E001	06/13/2023	Boron, total	1.15	mg/L
MW-30	Compliance	E001	06/13/2023	Cadmium, total	0.0005 U	mg/L
MW-30	Compliance	E001	06/13/2023	Calcium, total	121	mg/L
MW-30	Compliance	E001	06/13/2023	Chloride, total	44.0	mg/L
MW-30	Compliance	E001	06/13/2023	Chromium, total	0.0028 U	mg/L
MW-30	Compliance	E001	06/13/2023	Cobalt, total	0.00270	mg/L
MW-30	Compliance	E001	06/13/2023	Dissolved Oxygen	0.830	mg/L
MW-30	Compliance	E001	06/13/2023	Fluoride, total	0.300	mg/L
MW-30	Compliance	E001	06/13/2023	Lead, total	0.004 U	mg/L
MW-30	Compliance	E001	06/13/2023	Lithium, total	0.0015 U	mg/L
MW-30	Compliance	E001	06/13/2023	Mercury, total	0.00006 U	mg/L
MW-30	Compliance	E001	06/13/2023	Molybdenum, total	0.0037 U	mg/L
MW-30	Compliance	E001	06/13/2023	Oxidation Reduction Potential	-17.0	mV
MW-30	Compliance	E001	06/13/2023	pH (field)	6.7	SU
MW-30	Compliance	E001	06/13/2023	Radium 226 + Radium 228, total	0.453 <0	pCi/L
MW-30	Compliance	E001	06/13/2023	Selenium, total	0.0006 U	mg/L
MW-30	Compliance	E001	06/13/2023	Specific Conductance @ 25C (field)	1,190	micromhos/cm
MW-30	Compliance	E001	06/13/2023	Sulfate, total	7 J	mg/L
MW-30	Compliance	E001	06/13/2023	Temperature	14.7	degrees C
MW-30	Compliance	E001	06/13/2023	Thallium, total	0.001 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
 KINCAID POWER PLANT
 ASH POND
 KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-30	Compliance	E001	06/13/2023	Total Dissolved Solids	612	mg/L
MW-30	Compliance	E001	06/13/2023	Turbidity, field	7.30	NTU
MW-31	Compliance	E001	06/13/2023	Antimony, total	0.0004 U	mg/L
MW-31	Compliance	E001	06/13/2023	Arsenic, total	0.0087 U	mg/L
MW-31	Compliance	E001	06/13/2023	Barium, total	0.230	mg/L
MW-31	Compliance	E001	06/13/2023	Beryllium, total	0.0002 U	mg/L
MW-31	Compliance	E001	06/13/2023	Boron, total	0.292	mg/L
MW-31	Compliance	E001	06/13/2023	Cadmium, total	0.0005 U	mg/L
MW-31	Compliance	E001	06/13/2023	Calcium, total	142	mg/L
MW-31	Compliance	E001	06/13/2023	Chloride, total	50.0	mg/L
MW-31	Compliance	E001	06/13/2023	Chromium, total	0.0028 U	mg/L
MW-31	Compliance	E001	06/13/2023	Cobalt, total	0.00100 J	mg/L
MW-31	Compliance	E001	06/13/2023	Dissolved Oxygen	0.900	mg/L
MW-31	Compliance	E001	06/13/2023	Fluoride, total	0.160	mg/L
MW-31	Compliance	E001	06/13/2023	Lead, total	0.004 U	mg/L
MW-31	Compliance	E001	06/13/2023	Lithium, total	0.00520	mg/L
MW-31	Compliance	E001	06/13/2023	Mercury, total	0.00006 U	mg/L
MW-31	Compliance	E001	06/13/2023	Molybdenum, total	0.0037 U	mg/L
MW-31	Compliance	E001	06/13/2023	Oxidation Reduction Potential	-50.0	mV
MW-31	Compliance	E001	06/13/2023	pH (field)	6.8	SU
MW-31	Compliance	E001	06/13/2023	Radium 226 + Radium 228, total	0.568 <0	pCi/L
MW-31	Compliance	E001	06/13/2023	Selenium, total	0.0006 U	mg/L
MW-31	Compliance	E001	06/13/2023	Specific Conductance @ 25C (field)	1,200	micromhos/cm
MW-31	Compliance	E001	06/13/2023	Sulfate, total	6 U	mg/L
MW-31	Compliance	E001	06/13/2023	Temperature	14.9	degrees C
MW-31	Compliance	E001	06/13/2023	Thallium, total	0.001 U	mg/L
MW-31	Compliance	E001	06/13/2023	Total Dissolved Solids	600	mg/L
MW-31	Compliance	E001	06/13/2023	Turbidity, field	1 U	NTU
MW-31S	Compliance	E001	06/13/2023	Dissolved Oxygen	1.00	mg/L
MW-31S	Compliance	E001	06/13/2023	Oxidation Reduction Potential	-78.0	mV
MW-31S	Compliance	E001	06/13/2023	pH (field)	6.7	SU
MW-31S	Compliance	E001	06/13/2023	Specific Conductance @ 25C (field)	1,440	micromhos/cm
MW-31S	Compliance	E001	06/13/2023	Temperature	16.4	degrees C
MW-31S	Compliance	E001	06/13/2023	Turbidity, field	16.0	NTU
MW-32	Compliance	E001	06/13/2023	Antimony, total	0.0004 U	mg/L
MW-32	Compliance	E001	06/13/2023	Arsenic, total	0.0087 U	mg/L
MW-32	Compliance	E001	06/13/2023	Barium, total	0.0570	mg/L
MW-32	Compliance	E001	06/13/2023	Beryllium, total	0.0002 U	mg/L
MW-32	Compliance	E001	06/13/2023	Boron, total	1.67	mg/L
MW-32	Compliance	E001	06/13/2023	Cadmium, total	0.0005 U	mg/L
MW-32	Compliance	E001	06/13/2023	Calcium, total	180	mg/L
MW-32	Compliance	E001	06/13/2023	Chloride, total	11.0	mg/L
MW-32	Compliance	E001	06/13/2023	Chromium, total	0.0028 U	mg/L
MW-32	Compliance	E001	06/13/2023	Cobalt, total	0.0009 J	mg/L
MW-32	Compliance	E001	06/13/2023	Dissolved Oxygen	1.05	mg/L
MW-32	Compliance	E001	06/13/2023	Fluoride, total	0.170	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
 KINCAID POWER PLANT
 ASH POND
 KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-32	Compliance	E001	06/13/2023	Lead, total	0.004 U	mg/L
MW-32	Compliance	E001	06/13/2023	Lithium, total	0.0015 J	mg/L
MW-32	Compliance	E001	06/13/2023	Mercury, total	0.00006 U	mg/L
MW-32	Compliance	E001	06/13/2023	Molybdenum, total	0.0037 U	mg/L
MW-32	Compliance	E001	06/13/2023	Oxidation Reduction Potential	104	mV
MW-32	Compliance	E001	06/13/2023	pH (field)	6.6	SU
MW-32	Compliance	E001	06/13/2023	Radium 226 + Radium 228, total	0.243	pCi/L
MW-32	Compliance	E001	06/13/2023	Selenium, total	0.0006 U	mg/L
MW-32	Compliance	E001	06/13/2023	Specific Conductance @ 25C (field)	1,610	micromhos/cm
MW-32	Compliance	E001	06/13/2023	Sulfate, total	414	mg/L
MW-32	Compliance	E001	06/13/2023	Temperature	15.6	degrees C
MW-32	Compliance	E001	06/13/2023	Thallium, total	0.001 U	mg/L
MW-32	Compliance	E001	06/13/2023	Total Dissolved Solids	1,050	mg/L
MW-32	Compliance	E001	06/13/2023	Turbidity, field	1 U	NTU
PZ-4C	Compliance	E001	06/13/2023	Antimony, total	0.0005 J	mg/L
PZ-4C	Compliance	E001	06/13/2023	Arsenic, total	0.0087 U	mg/L
PZ-4C	Compliance	E001	06/13/2023	Barium, total	0.274	mg/L
PZ-4C	Compliance	E001	06/13/2023	Beryllium, total	0.0002 U	mg/L
PZ-4C	Compliance	E001	06/13/2023	Boron, total	1.59	mg/L
PZ-4C	Compliance	E001	06/13/2023	Cadmium, total	0.0005 U	mg/L
PZ-4C	Compliance	E001	06/13/2023	Calcium, total	114	mg/L
PZ-4C	Compliance	E001	06/13/2023	Chloride, total	34.0	mg/L
PZ-4C	Compliance	E001	06/13/2023	Chromium, total	0.0028 U	mg/L
PZ-4C	Compliance	E001	06/13/2023	Cobalt, total	0.0005 U	mg/L
PZ-4C	Compliance	E001	06/13/2023	Dissolved Oxygen	0.720	mg/L
PZ-4C	Compliance	E001	06/13/2023	Fluoride, total	0.380	mg/L
PZ-4C	Compliance	E001	06/13/2023	Lead, total	0.004 U	mg/L
PZ-4C	Compliance	E001	06/13/2023	Lithium, total	0.00640	mg/L
PZ-4C	Compliance	E001	06/13/2023	Mercury, total	0.00006 U	mg/L
PZ-4C	Compliance	E001	06/13/2023	Molybdenum, total	0.0037 U	mg/L
PZ-4C	Compliance	E001	06/13/2023	Oxidation Reduction Potential	-118	mV
PZ-4C	Compliance	E001	06/13/2023	pH (field)	6.8	SU
PZ-4C	Compliance	E001	06/13/2023	Radium 226 + Radium 228, total	0.426 <0	pCi/L
PZ-4C	Compliance	E001	06/13/2023	Selenium, total	0.0006 U	mg/L
PZ-4C	Compliance	E001	06/13/2023	Specific Conductance @ 25C (field)	971	micromhos/cm
PZ-4C	Compliance	E001	06/13/2023	Sulfate, total	67.0	mg/L
PZ-4C	Compliance	E001	06/13/2023	Temperature	14.4	degrees C
PZ-4C	Compliance	E001	06/13/2023	Thallium, total	0.001 U	mg/L
PZ-4C	Compliance	E001	06/13/2023	Total Dissolved Solids	546	mg/L
PZ-4C	Compliance	E001	06/13/2023	Turbidity, field	3.70	NTU

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2023

845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Notes:

C = Celsius

cm = centimeter

mg/L = milligrams per liter

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.

J+ = The result is an estimated quantity, but the result may be biased high.

U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023
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	Exceedance Type
MW-3	UA	E001	Antimony, total	mg/L	12/15/15 - 06/13/23	24	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-3	UA	E001	Arsenic, total	mg/L	12/15/15 - 06/13/23	24	100	All ND - Last	0.01	0.01	Standard	No Exceedance
MW-3	UA	E001	Barium, total	mg/L	12/15/15 - 06/13/23	24	0	CI around median	0.0461	2	Standard	No Exceedance
MW-3	UA	E001	Beryllium, total	mg/L	12/15/15 - 06/13/23	24	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-3	UA	E001	Boron, total	mg/L	12/15/15 - 06/13/23	24	0	CI around median	1.57	2	Standard	No Exceedance
MW-3	UA	E001	Cadmium, total	mg/L	12/15/15 - 06/13/23	24	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-3	UA	E001	Chloride, total	mg/L	12/15/15 - 06/13/23	24	0	CI around mean	30.7	200	Standard	No Exceedance
MW-3	UA	E001	Chromium, total	mg/L	12/15/15 - 06/13/23	24	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-3	UA	E001	Cobalt, total	mg/L	12/15/15 - 06/13/23	24	90	CI around median	0.001	0.006	Standard	No Exceedance
MW-3	UA	E001	Fluoride, total	mg/L	12/15/15 - 06/13/23	24	0	CI around mean	0.242	4	Standard	No Exceedance
MW-3	UA	E001	Lead, total	mg/L	12/15/15 - 06/13/23	24	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-3	UA	E001	Lithium, total	mg/L	02/25/21 - 06/13/23	10	90	CI around median	0.003	0.04	Standard	No Exceedance
MW-3	UA	E001	Mercury, total	mg/L	12/15/15 - 06/13/23	24	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-3	UA	E001	Molybdenum, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.01	0.1	Standard	No Exceedance
MW-3	UA	E001	pH (field)	SU	12/15/15 - 06/13/23	24	0	CB around linear reg	6.4/6.7	5.6/9	Background/Standard	No Exceedance
MW-3	UA	E001	Radium 226 + Radium 228, total	pCi/L	11/06/17 - 06/13/23	20	0	CI around median	0.195	5	Standard	No Exceedance
MW-3	UA	E001	Selenium, total	mg/L	12/15/15 - 06/13/23	24	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-3	UA	E001	Sulfate, total	mg/L	12/15/15 - 06/13/23	24	0	CB around linear reg	114	400	Standard	No Exceedance
MW-3	UA	E001	Thallium, total	mg/L	12/15/15 - 06/13/23	24	97	CB around T-S line	0.002	0.002	Standard	No Exceedance
MW-3	UA	E001	Total Dissolved Solids	mg/L	12/15/15 - 06/13/23	24	0	CB around linear reg	539	1,200	Standard	No Exceedance
MW-5	UA	E001	Antimony, total	mg/L	12/15/15 - 06/13/23	26	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-5	UA	E001	Arsenic, total	mg/L	12/15/15 - 06/13/23	28	91	CI around median	0.001	0.01	Standard	No Exceedance
MW-5	UA	E001	Barium, total	mg/L	12/15/15 - 06/13/23	28	0	CI around mean	0.142	2	Standard	No Exceedance
MW-5	UA	E001	Beryllium, total	mg/L	12/15/15 - 06/13/23	26	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-5	UA	E001	Boron, total	mg/L	12/15/15 - 06/13/23	28	0	CI around mean	0.529	2	Standard	No Exceedance
MW-5	UA	E001	Cadmium, total	mg/L	12/15/15 - 06/13/23	25	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-5	UA	E001	Chloride, total	mg/L	12/15/15 - 06/13/23	28	0	CB around linear reg	45.1	200	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023
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	Exceedance Type
MW-5	UA	E001	Chromium, total	mg/L	12/15/15 - 06/13/23	28	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-5	UA	E001	Cobalt, total	mg/L	12/15/15 - 06/13/23	28	91	CI around median	0.001	0.006	Standard	No Exceedance
MW-5	UA	E001	Fluoride, total	mg/L	12/15/15 - 06/13/23	28	3	CB around T-S line	0.16	4	Standard	No Exceedance
MW-5	UA	E001	Lead, total	mg/L	12/15/15 - 06/13/23	28	97	CI around median	0.001	0.0075	Standard	No Exceedance
MW-5	UA	E001	Lithium, total	mg/L	12/15/15 - 06/13/23	20	30	CB around linear reg	0.0029	0.04	Standard	No Exceedance
MW-5	UA	E001	Mercury, total	mg/L	12/15/15 - 06/13/23	25	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-5	UA	E001	Molybdenum, total	mg/L	12/15/15 - 06/13/23	20	100	All ND - Last	0.01	0.1	Standard	No Exceedance
MW-5	UA	E001	pH (field)	SU	12/15/15 - 06/13/23	28	0	CB around linear reg	6.3/6.7	5.6/9	Background/Standard	No Exceedance
MW-5	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 06/13/23	29	0	CI around median	0.265	5	Standard	No Exceedance
MW-5	UA	E001	Selenium, total	mg/L	12/15/15 - 06/13/23	28	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-5	UA	E001	Sulfate, total	mg/L	12/15/15 - 06/13/23	28	36	CI around median	10	400	Standard	No Exceedance
MW-5	UA	E001	Thallium, total	mg/L	12/15/15 - 06/13/23	25	97	CB around T-S line	0.0018	0.002	Standard	No Exceedance
MW-5	UA	E001	Total Dissolved Solids	mg/L	12/15/15 - 06/13/23	28	0	CB around linear reg	672	1,200	Standard	No Exceedance
MW-6	UA	E001	Antimony, total	mg/L	12/15/15 - 06/13/23	26	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-6	UA	E001	Arsenic, total	mg/L	12/15/15 - 06/13/23	28	100	All ND - Last	0.01	0.01	Standard	No Exceedance
MW-6	UA	E001	Barium, total	mg/L	12/15/15 - 06/13/23	28	0	CI around mean	0.0338	2	Standard	No Exceedance
MW-6	UA	E001	Beryllium, total	mg/L	12/15/15 - 06/13/23	26	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-6	UA	E001	Boron, total	mg/L	12/15/15 - 06/13/23	28	0	CI around mean	0.94	2	Standard	No Exceedance
MW-6	UA	E001	Cadmium, total	mg/L	12/15/15 - 06/13/23	25	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-6	UA	E001	Chloride, total	mg/L	12/15/15 - 06/13/23	28	54	CB around T-S line	2.18	200	Standard	No Exceedance
MW-6	UA	E001	Chromium, total	mg/L	12/15/15 - 06/13/23	28	91	CB around T-S line	0.00149	0.1	Standard	No Exceedance
MW-6	UA	E001	Cobalt, total	mg/L	12/15/15 - 06/13/23	28	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-6	UA	E001	Fluoride, total	mg/L	12/15/15 - 06/13/23	28	0	CB around linear reg	0.19	4	Standard	No Exceedance
MW-6	UA	E001	Lead, total	mg/L	12/15/15 - 06/13/23	28	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-6	UA	E001	Lithium, total	mg/L	12/15/15 - 06/13/23	20	85	CB around T-S line	0.00223	0.04	Standard	No Exceedance
MW-6	UA	E001	Mercury, total	mg/L	12/15/15 - 06/13/23	25	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-6	UA	E001	Molybdenum, total	mg/L	12/15/15 - 06/13/23	20	100	All ND - Last	0.01	0.1	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023
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	Exceedance Type
MW-6	UA	E001	pH (field)	SU	12/15/15 - 06/13/23	28	0	CI around mean	6.5/6.7	5.6/9	Background/Standard	No Exceedance
MW-6	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 06/13/23	29	0	CI around median	0.35	5	Standard	No Exceedance
MW-6	UA	E001	Selenium, total	mg/L	12/15/15 - 06/13/23	28	94	CI around median	0.001	0.05	Standard	No Exceedance
MW-6	UA	E001	Sulfate, total	mg/L	12/15/15 - 06/13/23	28	0	CB around linear reg	49.7	400	Standard	No Exceedance
MW-6	UA	E001	Thallium, total	mg/L	12/15/15 - 06/13/23	25	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-6	UA	E001	Total Dissolved Solids	mg/L	12/15/15 - 06/13/23	28	0	CB around linear reg	350	1,200	Standard	No Exceedance
MW-7	UA	E001	Antimony, total	mg/L	12/15/15 - 06/12/23	26	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-7	UA	E001	Arsenic, total	mg/L	12/15/15 - 06/12/23	28	76	CI around median	0.001	0.01	Standard	No Exceedance
MW-7	UA	E001	Barium, total	mg/L	12/15/15 - 06/12/23	28	0	CI around mean	0.0472	2	Standard	No Exceedance
MW-7	UA	E001	Beryllium, total	mg/L	12/15/15 - 06/12/23	26	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-7	UA	E001	Boron, total	mg/L	12/15/15 - 06/12/23	28	0	CI around mean	0.206	2	Standard	No Exceedance
MW-7	UA	E001	Cadmium, total	mg/L	12/15/15 - 06/12/23	25	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-7	UA	E001	Chloride, total	mg/L	12/15/15 - 06/12/23	28	79	CB around T-S line	2.19	200	Standard	No Exceedance
MW-7	UA	E001	Chromium, total	mg/L	12/15/15 - 06/12/23	28	94	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-7	UA	E001	Cobalt, total	mg/L	12/15/15 - 06/12/23	28	88	CI around median	0.001	0.006	Standard	No Exceedance
MW-7	UA	E001	Fluoride, total	mg/L	12/15/15 - 06/12/23	28	0	CI around mean	0.251	4	Standard	No Exceedance
MW-7	UA	E001	Lead, total	mg/L	12/15/15 - 06/12/23	28	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-7	UA	E001	Lithium, total	mg/L	12/15/15 - 06/12/23	20	30	CI around mean	0.00265	0.04	Standard	No Exceedance
MW-7	UA	E001	Mercury, total	mg/L	12/15/15 - 06/12/23	25	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-7	UA	E001	Molybdenum, total	mg/L	12/15/15 - 06/12/23	20	5	CI around mean	0.00258	0.1	Standard	No Exceedance
MW-7	UA	E001	pH (field)	SU	12/15/15 - 06/12/23	28	0	CI around mean	7.0/7.1	5.6/9	Background/Standard	No Exceedance
MW-7	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 06/12/23	29	0	CI around geomean	0.442	5	Standard	No Exceedance
MW-7	UA	E001	Selenium, total	mg/L	12/15/15 - 06/12/23	28	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-7	UA	E001	Sulfate, total	mg/L	12/15/15 - 06/12/23	28	0	CI around geomean	169	400	Standard	No Exceedance
MW-7	UA	E001	Thallium, total	mg/L	12/15/15 - 06/12/23	25	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-7	UA	E001	Total Dissolved Solids	mg/L	12/15/15 - 06/12/23	28	0	CI around mean	556	1,200	Standard	No Exceedance
MW-8	UA	E001	Antimony, total	mg/L	12/15/15 - 06/12/23	26	100	All ND - Last	0.001	0.006	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023
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	Exceedance Type
MW-8	UA	E001	Arsenic, total	mg/L	12/15/15 - 06/12/23	28	100	All ND - Last	0.01	0.01	Standard	No Exceedance
MW-8	UA	E001	Barium, total	mg/L	12/15/15 - 06/12/23	28	0	CB around linear reg	0.0193	2	Standard	No Exceedance
MW-8	UA	E001	Beryllium, total	mg/L	12/15/15 - 06/12/23	26	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-8	UA	E001	Boron, total	mg/L	12/15/15 - 06/12/23	28	0	CI around geomean	0.954	2	Standard	No Exceedance
MW-8	UA	E001	Cadmium, total	mg/L	12/15/15 - 06/12/23	25	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-8	UA	E001	Chloride, total	mg/L	12/15/15 - 06/12/23	28	0	CB around linear reg	14.3	200	Standard	No Exceedance
MW-8	UA	E001	Chromium, total	mg/L	12/15/15 - 06/12/23	28	100	All ND - Last	0.005	0.1	Standard	No Exceedance
MW-8	UA	E001	Cobalt, total	mg/L	12/15/15 - 06/12/23	28	30	CB around linear reg	0.000827	0.006	Standard	No Exceedance
MW-8	UA	E001	Fluoride, total	mg/L	12/15/15 - 06/12/23	28	0	CB around linear reg	0.222	4	Standard	No Exceedance
MW-8	UA	E001	Lead, total	mg/L	12/15/15 - 06/12/23	28	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-8	UA	E001	Lithium, total	mg/L	12/15/15 - 06/12/23	20	45	CB around linear reg	0.00293	0.04	Standard	No Exceedance
MW-8	UA	E001	Mercury, total	mg/L	12/15/15 - 06/12/23	25	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-8	UA	E001	Molybdenum, total	mg/L	12/15/15 - 06/12/23	20	100	All ND - Last	0.01	0.1	Standard	No Exceedance
MW-8	UA	E001	pH (field)	SU	12/15/15 - 06/12/23	28	0	CI around mean	6.6/6.7	5.6/9	Background/Standard	No Exceedance
MW-8	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 06/12/23	29	0	CI around median	0.2	5	Standard	No Exceedance
MW-8	UA	E001	Selenium, total	mg/L	12/15/15 - 06/12/23	28	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-8	UA	E001	Sulfate, total	mg/L	12/15/15 - 06/12/23	28	0	CB around linear reg	225	400	Standard	No Exceedance
MW-8	UA	E001	Thallium, total	mg/L	12/15/15 - 06/12/23	25	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-8	UA	E001	Total Dissolved Solids	mg/L	12/15/15 - 06/12/23	28	0	CB around linear reg	762	1,200	Standard	No Exceedance
MW-11	UA	E001	Antimony, total	mg/L	12/15/15 - 06/12/23	26	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-11	UA	E001	Arsenic, total	mg/L	12/15/15 - 06/12/23	28	21	CI around median	0.0012	0.01	Standard	No Exceedance
MW-11	UA	E001	Barium, total	mg/L	12/15/15 - 06/12/23	28	0	CI around mean	0.129	2	Standard	No Exceedance
MW-11	UA	E001	Beryllium, total	mg/L	12/15/15 - 06/12/23	26	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-11	UA	E001	Boron, total	mg/L	12/15/15 - 06/12/23	28	0	CI around mean	1.55	2	Standard	No Exceedance
MW-11	UA	E001	Cadmium, total	mg/L	12/15/15 - 06/12/23	25	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-11	UA	E001	Chloride, total	mg/L	12/15/15 - 06/12/23	28	0	CB around linear reg	30.1	200	Standard	No Exceedance
MW-11	UA	E001	Chromium, total	mg/L	12/15/15 - 06/12/23	28	96	CB around T-S line	0.00147	0.1	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023
 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	Exceedance Type
MW-11	UA	E001	Cobalt, total	mg/L	12/15/15 - 06/12/23	28	93	CI around median	0.001	0.006	Standard	No Exceedance
MW-11	UA	E001	Fluoride, total	mg/L	12/15/15 - 06/12/23	28	0	CI around mean	0.492	4	Standard	No Exceedance
MW-11	UA	E001	Lead, total	mg/L	12/15/15 - 06/12/23	28	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-11	UA	E001	Lithium, total	mg/L	12/15/15 - 06/12/23	20	40	CB around linear reg	0.00277	0.04	Standard	No Exceedance
MW-11	UA	E001	Mercury, total	mg/L	12/15/15 - 06/12/23	25	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-11	UA	E001	Molybdenum, total	mg/L	12/15/15 - 06/12/23	20	5	CI around median	0.0021	0.1	Standard	No Exceedance
MW-11	UA	E001	pH (field)	SU	12/15/15 - 06/12/23	28	0	CB around linear reg	6.5/6.8	5.6/9	Background/Standard	No Exceedance
MW-11	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 06/12/23	29	0	CI around mean	0.531	5	Standard	No Exceedance
MW-11	UA	E001	Selenium, total	mg/L	12/15/15 - 06/12/23	28	61	CI around median	0.001	0.05	Standard	No Exceedance
MW-11	UA	E001	Sulfate, total	mg/L	12/15/15 - 06/12/23	28	0	CI around mean	107	400	Standard	No Exceedance
MW-11	UA	E001	Thallium, total	mg/L	12/15/15 - 06/12/23	25	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-11	UA	E001	Total Dissolved Solids	mg/L	12/15/15 - 06/12/23	28	0	CB around linear reg	579	1,200	Standard	No Exceedance
MW-12	UA	E001	Antimony, total	mg/L	12/15/15 - 06/13/23	26	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-12	UA	E001	Arsenic, total	mg/L	12/15/15 - 06/13/23	28	96	CI around median	0.001	0.01	Standard	No Exceedance
MW-12	UA	E001	Barium, total	mg/L	12/15/15 - 06/13/23	28	0	CB around linear reg	0.0531	2	Standard	No Exceedance
MW-12	UA	E001	Beryllium, total	mg/L	12/15/15 - 06/13/23	26	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-12	UA	E001	Boron, total	mg/L	12/15/15 - 06/13/23	28	0	CI around mean	2.64	2	Standard	Determined
MW-12	UA	E001	Cadmium, total	mg/L	12/15/15 - 06/13/23	25	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-12	UA	E001	Chloride, total	mg/L	12/15/15 - 06/13/23	28	0	CB around linear reg	18.5	200	Standard	No Exceedance
MW-12	UA	E001	Chromium, total	mg/L	12/15/15 - 06/13/23	28	100	All ND - Last	0.005	0.1	Standard	No Exceedance
MW-12	UA	E001	Cobalt, total	mg/L	12/15/15 - 06/13/23	28	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-12	UA	E001	Fluoride, total	mg/L	12/15/15 - 06/13/23	28	0	CI around median	0.18	4	Standard	No Exceedance
MW-12	UA	E001	Lead, total	mg/L	12/15/15 - 06/13/23	28	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-12	UA	E001	Lithium, total	mg/L	12/15/15 - 06/13/23	20	0	CI around mean	0.00832	0.04	Standard	No Exceedance
MW-12	UA	E001	Mercury, total	mg/L	12/15/15 - 06/13/23	25	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-12	UA	E001	Molybdenum, total	mg/L	12/15/15 - 06/13/23	20	90	CB around T-S line	0.00127	0.1	Standard	No Exceedance
MW-12	UA	E001	pH (field)	SU	12/15/15 - 06/13/23	28	0	CB around linear reg	6.4/6.7	5.6/9	Background/Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023
 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	Exceedance Type
MW-12	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 06/13/23	29	0	CI around median	0.429	5	Standard	No Exceedance
MW-12	UA	E001	Selenium, total	mg/L	12/15/15 - 06/13/23	28	96	CI around median	0.001	0.05	Standard	No Exceedance
MW-12	UA	E001	Sulfate, total	mg/L	12/15/15 - 06/13/23	28	0	CI around mean	363	400	Standard	No Exceedance
MW-12	UA	E001	Thallium, total	mg/L	12/15/15 - 06/13/23	25	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-12	UA	E001	Total Dissolved Solids	mg/L	12/15/15 - 06/13/23	28	0	CB around linear reg	981	1,200	Standard	No Exceedance
MW-20	UA	E001	Antimony, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-20	UA	E001	Arsenic, total	mg/L	02/26/21 - 06/13/23	10	40	CI around median	0.001	0.01	Standard	No Exceedance
MW-20	UA	E001	Barium, total	mg/L	02/26/21 - 06/13/23	10	0	CI around mean	0.103	2	Standard	No Exceedance
MW-20	UA	E001	Beryllium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-20	UA	E001	Boron, total	mg/L	02/26/21 - 06/13/23	10	0	CB around linear reg	0.455	2	Standard	No Exceedance
MW-20	UA	E001	Cadmium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-20	UA	E001	Chloride, total	mg/L	02/26/21 - 06/13/23	10	0	CI around mean	23	200	Standard	No Exceedance
MW-20	UA	E001	Chromium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.005	0.1	Standard	No Exceedance
MW-20	UA	E001	Cobalt, total	mg/L	02/26/21 - 06/13/23	10	90	CI around median	0.001	0.006	Standard	No Exceedance
MW-20	UA	E001	Fluoride, total	mg/L	02/26/21 - 06/13/23	10	0	CB around linear reg	0.306	4	Standard	No Exceedance
MW-20	UA	E001	Lead, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-20	UA	E001	Lithium, total	mg/L	02/26/21 - 06/13/23	10	0	CB around linear reg	-0.00639	0.04	Standard	No Exceedance
MW-20	UA	E001	Mercury, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-20	UA	E001	Molybdenum, total	mg/L	02/26/21 - 06/13/23	10	10	CB around linear reg	-0.00255	0.1	Standard	No Exceedance
MW-20	UA	E001	pH (field)	SU	02/26/21 - 06/13/23	10	0	CI around mean	6.8/7.1	5.6/9	Background/Standard	No Exceedance
MW-20	UA	E001	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 06/13/23	10	0	CI around mean	0.164	5	Standard	No Exceedance
MW-20	UA	E001	Selenium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-20	UA	E001	Sulfate, total	mg/L	02/26/21 - 06/13/23	10	0	CB around linear reg	174	400	Standard	No Exceedance
MW-20	UA	E001	Thallium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-20	UA	E001	Total Dissolved Solids	mg/L	02/26/21 - 06/13/23	9	0	CB around linear reg	621	1,200	Standard	No Exceedance
MW-20S	USCU	E001	Antimony, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-20S	USCU	E001	Arsenic, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.01	0.01	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023
 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	Exceedance Type
MW-20S	USCU	E001	Barium, total	mg/L	02/26/21 - 06/13/23	10	10	CI around median	0.0352	2	Standard	No Exceedance
MW-20S	USCU	E001	Beryllium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-20S	USCU	E001	Boron, total	mg/L	02/26/21 - 06/13/23	10	0	CB around T-S line	1.6	2	Standard	No Exceedance
MW-20S	USCU	E001	Cadmium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-20S	USCU	E001	Chloride, total	mg/L	02/26/21 - 06/13/23	10	0	CI around mean	17	200	Standard	No Exceedance
MW-20S	USCU	E001	Chromium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.005	0.1	Standard	No Exceedance
MW-20S	USCU	E001	Cobalt, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-20S	USCU	E001	Fluoride, total	mg/L	02/26/21 - 06/13/23	10	0	CI around mean	0.176	4	Standard	No Exceedance
MW-20S	USCU	E001	Lead, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-20S	USCU	E001	Lithium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.003	0.04	Standard	No Exceedance
MW-20S	USCU	E001	Mercury, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-20S	USCU	E001	Molybdenum, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.01	0.1	Standard	No Exceedance
MW-20S	USCU	E001	pH (field)	SU	02/26/21 - 06/13/23	10	0	CI around mean	6.4/6.8	5.6/9	Background/Standard	No Exceedance
MW-20S	USCU	E001	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 06/13/23	10	0	CI around mean	0.0448	5	Standard	No Exceedance
MW-20S	USCU	E001	Selenium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-20S	USCU	E001	Sulfate, total	mg/L	02/26/21 - 06/13/23	10	0	CB around linear reg	404	400	Standard	Determined
MW-20S	USCU	E001	Thallium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-20S	USCU	E001	Total Dissolved Solids	mg/L	02/26/21 - 06/13/23	9	0	CB around linear reg	1,100	1,200	Standard	No Exceedance
MW-23	UA	E001	Antimony, total	mg/L	02/26/21 - 06/12/23	10	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-23	UA	E001	Arsenic, total	mg/L	02/26/21 - 06/12/23	10	60	CI around median	0.001	0.01	Standard	No Exceedance
MW-23	UA	E001	Barium, total	mg/L	02/26/21 - 06/12/23	10	0	CI around mean	0.0784	2	Standard	No Exceedance
MW-23	UA	E001	Beryllium, total	mg/L	02/26/21 - 06/12/23	10	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-23	UA	E001	Boron, total	mg/L	02/26/21 - 06/12/23	10	0	CI around median	1.91	2	Standard	No Exceedance
MW-23	UA	E001	Cadmium, total	mg/L	02/26/21 - 06/12/23	10	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-23	UA	E001	Chloride, total	mg/L	02/26/21 - 06/12/23	10	0	CI around mean	29	200	Standard	No Exceedance
MW-23	UA	E001	Chromium, total	mg/L	02/26/21 - 06/12/23	10	100	All ND - Last	0.005	0.1	Standard	No Exceedance
MW-23	UA	E001	Cobalt, total	mg/L	02/26/21 - 06/12/23	10	30	CI around median	0.001	0.006	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023
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	Exceedance Type
MW-23	UA	E001	Fluoride, total	mg/L	02/26/21 - 06/12/23	10	0	CI around mean	0.341	4	Standard	No Exceedance
MW-23	UA	E001	Lead, total	mg/L	02/26/21 - 06/12/23	10	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-23	UA	E001	Lithium, total	mg/L	02/26/21 - 06/12/23	10	100	All ND - Last	0.003	0.04	Standard	No Exceedance
MW-23	UA	E001	Mercury, total	mg/L	02/26/21 - 06/12/23	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-23	UA	E001	Molybdenum, total	mg/L	02/26/21 - 06/12/23	10	90	CI around median	0.0015	0.1	Standard	No Exceedance
MW-23	UA	E001	pH (field)	SU	02/26/21 - 06/12/23	10	0	CI around mean	6.5/6.8	5.6/9	Background/Standard	No Exceedance
MW-23	UA	E001	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 06/12/23	10	0	CI around mean	0.14	5	Standard	No Exceedance
MW-23	UA	E001	Selenium, total	mg/L	02/26/21 - 06/12/23	10	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-23	UA	E001	Sulfate, total	mg/L	02/26/21 - 06/12/23	10	0	CI around mean	42.3	400	Standard	No Exceedance
MW-23	UA	E001	Thallium, total	mg/L	02/26/21 - 06/12/23	10	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-23	UA	E001	Total Dissolved Solids	mg/L	02/26/21 - 06/12/23	9	0	CI around mean	575	1,200	Standard	No Exceedance
MW-27	USCU	E001	pH (field)	SU	02/24/21 - 06/12/23	10	0	CI around mean	6.6/6.9	5.6/9	Background/Standard	No Exceedance
MW-28	UA	E001	Antimony, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-28	UA	E001	Arsenic, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.01	0.01	Standard	No Exceedance
MW-28	UA	E001	Barium, total	mg/L	02/24/21 - 06/13/23	10	0	CI around mean	0.0214	2	Standard	No Exceedance
MW-28	UA	E001	Beryllium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-28	UA	E001	Boron, total	mg/L	02/24/21 - 06/13/23	10	0	CI around mean	8.58	2	Standard	Determined
MW-28	UA	E001	Cadmium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-28	UA	E001	Chloride, total	mg/L	02/24/21 - 06/13/23	10	0	CI around mean	12.4	200	Standard	No Exceedance
MW-28	UA	E001	Chromium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.005	0.1	Standard	No Exceedance
MW-28	UA	E001	Cobalt, total	mg/L	02/24/21 - 06/13/23	10	80	CI around median	0.001	0.006	Standard	No Exceedance
MW-28	UA	E001	Fluoride, total	mg/L	02/24/21 - 06/13/23	10	0	CI around median	0.12	4	Standard	No Exceedance
MW-28	UA	E001	Lead, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-28	UA	E001	Lithium, total	mg/L	02/24/21 - 06/13/23	10	0	CI around mean	0.00596	0.04	Standard	No Exceedance
MW-28	UA	E001	Mercury, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-28	UA	E001	Molybdenum, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.01	0.1	Standard	No Exceedance
MW-28	UA	E001	pH (field)	SU	02/24/21 - 06/13/23	10	0	CI around mean	6.5/6.9	5.6/9	Background/Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023
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	Exceedance Type
MW-28	UA	E001	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 06/13/23	10	0	CI around mean	0.0382	5	Standard	No Exceedance
MW-28	UA	E001	Selenium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-28	UA	E001	Sulfate, total	mg/L	02/24/21 - 06/13/23	10	0	CI around mean	808	400	Standard	Determined
MW-28	UA	E001	Thallium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-28	UA	E001	Total Dissolved Solids	mg/L	02/24/21 - 06/13/23	9	0	CI around mean	1,610	1,200	Standard	Determined
MW-30	UA	E001	Antimony, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-30	UA	E001	Arsenic, total	mg/L	02/25/21 - 06/13/23	10	10	CB around linear reg	-0.00022	0.01	Standard	No Exceedance
MW-30	UA	E001	Barium, total	mg/L	02/25/21 - 06/13/23	10	0	CI around mean	0.15	2	Standard	No Exceedance
MW-30	UA	E001	Beryllium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-30	UA	E001	Boron, total	mg/L	02/25/21 - 06/13/23	10	0	CI around geomean	1.08	2	Standard	No Exceedance
MW-30	UA	E001	Cadmium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-30	UA	E001	Chloride, total	mg/L	02/25/21 - 06/13/23	10	0	CI around mean	47.9	200	Standard	No Exceedance
MW-30	UA	E001	Chromium, total	mg/L	02/25/21 - 06/13/23	10	70	CI around median	0.0015	0.1	Standard	No Exceedance
MW-30	UA	E001	Cobalt, total	mg/L	02/25/21 - 06/13/23	10	0	CI around mean	0.00202	0.006	Standard	No Exceedance
MW-30	UA	E001	Fluoride, total	mg/L	02/25/21 - 06/13/23	10	0	CB around linear reg	0.248	4	Standard	No Exceedance
MW-30	UA	E001	Lead, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-30	UA	E001	Lithium, total	mg/L	02/25/21 - 06/13/23	10	80	CB around T-S line	-0.0119	0.04	Standard	No Exceedance
MW-30	UA	E001	Mercury, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-30	UA	E001	Molybdenum, total	mg/L	02/25/21 - 06/13/23	10	40	CI around geomean	0.00148	0.1	Standard	No Exceedance
MW-30	UA	E001	pH (field)	SU	02/25/21 - 06/13/23	10	0	CI around mean	6.4/6.6	5.6/9	Background/Standard	No Exceedance
MW-30	UA	E001	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 06/13/23	10	0	CI around geomean	0.536	5	Standard	No Exceedance
MW-30	UA	E001	Selenium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-30	UA	E001	Sulfate, total	mg/L	02/25/21 - 06/13/23	10	20	CB around linear reg	-54.3	400	Standard	No Exceedance
MW-30	UA	E001	Thallium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-30	UA	E001	Total Dissolved Solids	mg/L	02/25/21 - 06/13/23	9	0	CI around median	642	1,200	Standard	No Exceedance
MW-31	UA	E001	Antimony, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-31	UA	E001	Arsenic, total	mg/L	02/24/21 - 06/13/23	10	10	CI around mean	0.00237	0.01	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	Exceedance Type
MW-31	UA	E001	Barium, total	mg/L	02/24/21 - 06/13/23	10	0	CI around mean	0.217	2	Standard	No Exceedance
MW-31	UA	E001	Beryllium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-31	UA	E001	Boron, total	mg/L	02/24/21 - 06/13/23	10	0	CI around mean	0.246	2	Standard	No Exceedance
MW-31	UA	E001	Cadmium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-31	UA	E001	Chloride, total	mg/L	02/24/21 - 06/13/23	10	0	CI around mean	48.1	200	Standard	No Exceedance
MW-31	UA	E001	Chromium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.005	0.1	Standard	No Exceedance
MW-31	UA	E001	Cobalt, total	mg/L	02/24/21 - 06/13/23	10	80	CI around median	0.001	0.006	Standard	No Exceedance
MW-31	UA	E001	Fluoride, total	mg/L	02/24/21 - 06/13/23	10	0	CB around linear reg	0.131	4	Standard	No Exceedance
MW-31	UA	E001	Lead, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-31	UA	E001	Lithium, total	mg/L	02/24/21 - 06/13/23	10	0	CI around mean	0.00488	0.04	Standard	No Exceedance
MW-31	UA	E001	Mercury, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-31	UA	E001	Molybdenum, total	mg/L	02/24/21 - 06/13/23	10	40	CI around median	0.0015	0.1	Standard	No Exceedance
MW-31	UA	E001	pH (field)	SU	02/24/21 - 06/13/23	10	0	CI around mean	6.4/6.7	5.6/9	Background/Standard	No Exceedance
MW-31	UA	E001	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 06/13/23	10	0	CI around mean	0.491	5	Standard	No Exceedance
MW-31	UA	E001	Selenium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-31	UA	E001	Sulfate, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	10	400	Standard	No Exceedance
MW-31	UA	E001	Thallium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-31	UA	E001	Total Dissolved Solids	mg/L	02/24/21 - 06/13/23	9	0	CI around mean	574	1,200	Standard	No Exceedance
MW-31S	USCU	E001	pH (field)	SU	02/24/21 - 06/13/23	10	0	CI around mean	6.4/6.7	5.6/9	Background/Standard	No Exceedance
MW-32	UA	E001	Antimony, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-32	UA	E001	Arsenic, total	mg/L	02/25/21 - 06/13/23	10	90	CI around median	0.001	0.01	Standard	No Exceedance
MW-32	UA	E001	Barium, total	mg/L	02/25/21 - 06/13/23	10	0	CB around linear reg	0.0257	2	Standard	No Exceedance
MW-32	UA	E001	Beryllium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.0005	0.004	Standard	No Exceedance
MW-32	UA	E001	Boron, total	mg/L	02/25/21 - 06/13/23	10	0	CI around mean	1.5	2	Standard	No Exceedance
MW-32	UA	E001	Cadmium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.002	0.005	Standard	No Exceedance
MW-32	UA	E001	Chloride, total	mg/L	02/25/21 - 06/13/23	10	0	CB around linear reg	10.1	200	Standard	No Exceedance
MW-32	UA	E001	Chromium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.005	0.1	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023
 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	Exceedance Type
MW-32	UA	E001	Cobalt, total	mg/L	02/25/21 - 06/13/23	10	70	CI around median	0.001	0.006	Standard	No Exceedance
MW-32	UA	E001	Fluoride, total	mg/L	02/25/21 - 06/13/23	10	0	CI around mean	0.17	4	Standard	No Exceedance
MW-32	UA	E001	Lead, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.0075	0.0075	Standard	No Exceedance
MW-32	UA	E001	Lithium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.003	0.04	Standard	No Exceedance
MW-32	UA	E001	Mercury, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-32	UA	E001	Molybdenum, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.01	0.1	Standard	No Exceedance
MW-32	UA	E001	pH (field)	SU	02/25/21 - 06/13/23	10	0	CI around mean	6.2/6.5	5.6/9	Background/Standard	No Exceedance
MW-32	UA	E001	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 06/13/23	10	0	CI around median	0	5	Standard	No Exceedance
MW-32	UA	E001	Selenium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-32	UA	E001	Sulfate, total	mg/L	02/25/21 - 06/13/23	10	0	CI around mean	429	400	Standard	Determined
MW-32	UA	E001	Thallium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-32	UA	E001	Total Dissolved Solids	mg/L	02/25/21 - 06/13/23	9	0	CI around median	1,100	1,200	Standard	No Exceedance
PZ-4C	UA	E001	Antimony, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.001	0.006	Standard	No Exceedance
PZ-4C	UA	E001	Arsenic, total	mg/L	02/25/21 - 06/13/23	10	50	CB around T-S line	0.001	0.01	Standard	No Exceedance
PZ-4C	UA	E001	Barium, total	mg/L	02/25/21 - 06/13/23	10	0	CB around T-S line	0.274	2	Standard	No Exceedance
PZ-4C	UA	E001	Beryllium, total	mg/L	02/25/21 - 06/13/23	10	90	CI around median	0.001	0.004	Standard	No Exceedance
PZ-4C	UA	E001	Boron, total	mg/L	02/25/21 - 06/13/23	10	0	CI around mean	1.34	2	Standard	No Exceedance
PZ-4C	UA	E001	Cadmium, total	mg/L	02/25/21 - 06/13/23	10	90	CI around median	0.001	0.005	Standard	No Exceedance
PZ-4C	UA	E001	Chloride, total	mg/L	02/25/21 - 06/13/23	10	0	CB around linear reg	30.3	200	Standard	No Exceedance
PZ-4C	UA	E001	Chromium, total	mg/L	02/25/21 - 06/13/23	10	40	CI around median	0.0015	0.1	Standard	No Exceedance
PZ-4C	UA	E001	Cobalt, total	mg/L	02/25/21 - 06/13/23	10	70	CI around median	0.001	0.006	Standard	No Exceedance
PZ-4C	UA	E001	Fluoride, total	mg/L	02/25/21 - 06/13/23	10	0	CI around mean	0.388	4	Standard	No Exceedance
PZ-4C	UA	E001	Lead, total	mg/L	02/25/21 - 06/13/23	10	50	CB around T-S line	0.001	0.0075	Standard	No Exceedance
PZ-4C	UA	E001	Lithium, total	mg/L	02/25/21 - 06/13/23	10	0	CI around median	0.0067	0.04	Standard	No Exceedance
PZ-4C	UA	E001	Mercury, total	mg/L	02/25/21 - 06/13/23	10	90	CI around median	0.0002	0.002	Standard	No Exceedance
PZ-4C	UA	E001	Molybdenum, total	mg/L	02/25/21 - 06/13/23	10	80	CI around median	0.0015	0.1	Standard	No Exceedance
PZ-4C	UA	E001	pH (field)	SU	02/25/21 - 06/13/23	10	0	CI around mean	6.5/7.1	5.6/9	Background/Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 2, 2023

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	Exceedance Type
PZ-4C	UA	E001	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 06/13/23	10	0	CI around geomean	0.439	5	Standard	No Exceedance
PZ-4C	UA	E001	Selenium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.001	0.05	Standard	No Exceedance
PZ-4C	UA	E001	Sulfate, total	mg/L	02/25/21 - 06/13/23	10	0	CI around mean	65.8	400	Standard	No Exceedance
PZ-4C	UA	E001	Thallium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.002	0.002	Standard	No Exceedance
PZ-4C	UA	E001	Total Dissolved Solids	mg/L	02/25/21 - 06/13/23	9	0	CI around median	546	1,200	Standard	No Exceedance

Notes:

Exceedance Type:

No Exceedance: No exceedance of the GWPS and no resample was collected.

Determined: An exceedance was determined without comparison to a resample.

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

USCU = Upper Semi-Confining Unit

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

SU = standard units

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

Statistical Calculation = method used to calculate the statistical result:

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

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

CB around 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

Statistical Result = calculated in accordance with Statistical Analysis Plan using constituent concentrations observed at 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:

Standard = standard specified in 35 I.A.C. § 845.600(a)(1)

Background = background concentration (see cover page for additional information)

FIGURES

PROJECT: 169000XXXX | DATED: 10/7/2021 | DESIGNER: STOLZSD
Y:\Mapping\Projects\222286\MXD\845_Operating_Permit\Kincaid\GMP\Figure 2-1_Proposed Monitoring Well Network.mxd



Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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

0 250 500 Feet

35 I.A.C. § 845 GROUNDWATER MONITORING WELL NETWORK

ASH POND
KINCAID POWER PLANT
KINCAID, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



ATTACHMENTS

**ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 2 2023**

**ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 2, 2023**

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	06/12/2023	15.57	589.14
MW-2	Background	06/12/2023	7.37	593.73
MW-3	Compliance	06/12/2023	8.84	592.62
MW-5	Compliance	06/12/2023	26.82	592.62
MW-6	Compliance	06/12/2023	10.19	590.27
MW-7	Compliance	06/12/2023	9.45	588.30
MW-7S	Compliance	06/12/2023	Dry	
MW-8	Compliance	06/12/2023	9.75	593.39
MW-8S	Compliance	06/12/2023	Dry	
MW-11	Compliance	06/12/2023	11.73	590.08
MW-12	Compliance	06/12/2023	6.99	584.41
MW-20	Compliance	06/12/2023	6.40	594.37
MW-20S	Compliance	06/12/2023	6.38	594.26
MW-23	Compliance	06/12/2023	16.67	593.65
MW-27	Compliance	06/12/2023	14.45	585.60
MW-28	Compliance	06/12/2023	7.42	593.98
MW-30	Compliance	06/12/2023	25.20	593.27
MW-31	Compliance	06/12/2023	31.22	586.12
MW-31S	Compliance	06/12/2023	23.83	593.71
MW-32	Compliance	06/12/2023	28.75	590.74
PZ-4C	Compliance	06/12/2023	7.15	593.42
XSG-01	Water Level	06/12/2023	3.33	605.10
SG-02	Water Level	06/12/2023	8.73	556.07

Notes:

BMP = below measuring point
NAVD88 = North American Vertical Datum of 1988

**ATTACHMENT B
LABORATORY REPORTS AND FIELD DATA SHEETS
QUARTER 2 2023**

August 04, 2023

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



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

RE: KIN-23Q2

WorkOrder: 23060002

Dear Eric Bauer:

TEKLAB, INC received 27 samples for KIN-845-141 on 6/13/2023 5:15:00 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: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	50
Dates Report	51
Quality Control Results	74
Receiving Check List	117
Chain of Custody	Appended

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Qualifiers

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



Case Narrative

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

Client: Ramboll
Client Project: KIN-23Q2

Work Order: 23060002
Report Date: 04-Aug-23

Cooler Receipt Temp: 3.6 °C

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

MW-07#S, MW-08#S, KIN-MW-27, and MW-31#S could not be collected; the wells were dry.

KIN-MW-23 will be reported as collected at 1335 per raw field data. EAH 6/23/23

KIN-MW-27 will be reported as collected at 1437 per raw field data. EAH 6/27/23

KIN-845-141 data is included in this report. EAH 7/17/23

This report was revised on August 4, 2023, per Eric Bauer's request. The reason for this revision is to update all Arsenic reporting limits to 0.01 mg/L. Please replace report dated July 17, 2023 with this report. EAH 8/2/23

Locations

Collinsville

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

Collinsville Air

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Chicago

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



Accreditations

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

Client: Ramboll
Client Project: KIN-23Q2

Work Order: 23060002
Report Date: 04-Aug-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2023	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-001
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-01
Collection Date: 06/12/2023 12:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		15.62	ft	1	06/12/2023 12:33	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	06/12/2023 12:33	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		113	mV	1	06/12/2023 12:33	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		528	µS/cm	1	06/12/2023 12:33	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		12.8	°C	1	06/12/2023 12:33	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.68	mg/L	1	06/12/2023 12:33	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.14		1	06/12/2023 12:33	R330342
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		180	mg/L	1	06/19/2023 11:57	R330464
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		0	mg/L	1	06/19/2023 11:57	R330464
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		306	mg/L	1	06/13/2023 11:30	R330218
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		83	mg/L	5	06/15/2023 20:13	R330335
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.20	mg/L	1	06/21/2023 10:15	R330565
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		15	mg/L	1	06/15/2023 20:09	R330374
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	06/19/2023 18:19	207271
Barium	NELAP	0.0007	0.0025		0.0431	mg/L	1	06/19/2023 18:19	207271
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	06/19/2023 18:19	207271
Boron	NELAP	0.0090	0.0200		0.208	mg/L	1	06/19/2023 18:19	207271
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	06/19/2023 18:19	207271
Calcium	NELAP	0.0350	0.100		51.4	mg/L	1	06/19/2023 18:19	207271
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	06/19/2023 18:19	207271
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	06/19/2023 18:19	207271
Magnesium	NELAP	0.0055	0.0500		26.1	mg/L	1	06/19/2023 18:19	207271
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	06/19/2023 18:19	207271
Potassium	NELAP	0.0400	0.100		0.243	mg/L	1	06/19/2023 18:19	207271
Sodium	NELAP	0.0180	0.0500		16.2	mg/L	1	06/19/2023 18:19	207271
SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	06/15/2023 10:37	207271
Cobalt	NELAP	0.0001	0.0010		< 0.0010	mg/L	5	06/15/2023 10:37	207271
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	06/15/2023 10:37	207271
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	06/15/2023 10:37	207271
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	06/15/2023 10:37	207271



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-001
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-01
Collection Date: 06/12/2023 12:33

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	06/21/2023 11:56	207548



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-002
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-02
Collection Date: 06/12/2023 13:16

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		7.39	ft	1	06/12/2023 13:16	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		220	NTU	1	06/12/2023 13:16	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		111	mV	1	06/12/2023 13:16	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		763	µS/cm	1	06/12/2023 13:16	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		12.6	°C	1	06/12/2023 13:16	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.64	mg/L	1	06/12/2023 13:16	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.96		1	06/12/2023 13:16	R330342
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		347	mg/L	1	06/19/2023 12:02	R330464
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		0	mg/L	1	06/19/2023 12:02	R330464
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		535	mg/L	2.5	06/13/2023 11:31	R330218
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		149	mg/L	5	06/15/2023 20:43	R330335
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.48	mg/L	1	06/21/2023 10:18	R330565
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		16	mg/L	1	06/15/2023 20:20	R330374
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		0.0103	mg/L	1	06/19/2023 18:20	207271
Barium	NELAP	0.0007	0.0025		0.315	mg/L	1	06/19/2023 18:20	207271
Beryllium	NELAP	0.0002	0.0005		0.0013	mg/L	1	06/19/2023 18:20	207271
Boron	NELAP	0.0090	0.0200		0.0474	mg/L	1	06/19/2023 18:20	207271
Cadmium	NELAP	0.0005	0.0020	J	0.0009	mg/L	1	06/19/2023 18:20	207271
Calcium	NELAP	0.0350	0.100		225	mg/L	1	06/19/2023 18:20	207271
Chromium	NELAP	0.0028	0.0050		0.0242	mg/L	1	06/19/2023 18:20	207271
Lead	NELAP	0.0040	0.0075		0.0272	mg/L	1	06/19/2023 18:20	207271
Magnesium	NELAP	0.0055	0.0500		76.0	mg/L	1	06/19/2023 18:20	207271
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	06/19/2023 18:20	207271
Potassium	NELAP	0.0400	0.100		2.77	mg/L	1	06/19/2023 18:20	207271
Sodium	NELAP	0.0180	0.0500		27.3	mg/L	1	06/19/2023 18:20	207271
SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	06/15/2023 10:43	207271
Cobalt	NELAP	0.0001	0.0010		0.0185	mg/L	5	06/15/2023 10:43	207271
Lithium	*	0.0015	0.0030		0.0241	mg/L	5	06/15/2023 10:43	207271
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	06/15/2023 10:43	207271
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	06/15/2023 10:43	207271



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-002
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-02
Collection Date: 06/12/2023 13:16

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	06/21/2023 11:59	207548



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-003
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-03
Collection Date: 06/13/2023 10:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		8.84	ft	1	06/13/2023 10:45	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.8	NTU	1	06/13/2023 10:45	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		103	mV	1	06/13/2023 10:45	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		978	µS/cm	1	06/13/2023 10:45	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.0	°C	1	06/13/2023 10:45	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.53	mg/L	1	06/13/2023 10:45	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.49		1	06/13/2023 10:45	R330342
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		372	mg/L	1	06/19/2023 12:08	R330464
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	06/19/2023 12:08	R330464
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		568	mg/L	1	06/15/2023 11:02	R330392
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		130	mg/L	5	06/16/2023 1:02	R330335
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.24	mg/L	1	06/21/2023 10:20	R330565
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		30	mg/L	1	06/16/2023 0:38	R330374
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	06/20/2023 21:13	207360
Barium	NELAP	0.0007	0.0025		0.0451	mg/L	1	06/20/2023 21:13	207360
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	06/20/2023 21:13	207360
Boron	NELAP	0.0090	0.0200		1.51	mg/L	1	06/21/2023 16:34	207360
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	06/20/2023 21:13	207360
Calcium	NELAP	0.0350	0.100		95.8	mg/L	1	06/21/2023 16:34	207360
Chromium	NELAP	0.0028	0.0050	B	< 0.0050	mg/L	1	06/20/2023 21:13	207360
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	06/20/2023 21:13	207360
Magnesium	NELAP	0.0055	0.0500		49.3	mg/L	1	06/21/2023 16:34	207360
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	06/20/2023 21:13	207360
Potassium	NELAP	0.0400	0.100		0.228	mg/L	1	06/21/2023 16:34	207360
Sodium	NELAP	0.0180	0.0500		44.2	mg/L	1	06/21/2023 16:34	207360
<i>Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
<i>LCS recovered outside upper control limits for As, Be, Cd and Mo. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
<i>Contamination present in the MBLK for Cr. Sample results below the reporting limit are reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	06/19/2023 11:00	207360
Cobalt	NELAP	0.0005	0.0010		< 0.0010	mg/L	5	06/19/2023 11:00	207360
Lithium	*	0.0015	0.0030	J	0.0021	mg/L	5	06/26/2023 12:33	207360
Selenium	NELAP	0.0006	0.0010	J	0.0008	mg/L	5	06/19/2023 11:00	207360



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-003
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-03
Collection Date: 06/13/2023 10:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	06/19/2023 11:00	207360
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	06/21/2023 12:01	207548



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-004
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-05
Collection Date: 06/13/2023 11:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		26.82	ft	1	06/13/2023 11:00	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	06/13/2023 11:00	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		97	mV	1	06/13/2023 11:00	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1360	µS/cm	1	06/13/2023 11:00	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.5	°C	1	06/13/2023 11:00	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.47	mg/L	1	06/13/2023 11:00	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.74		1	06/13/2023 11:00	R330342
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		695	mg/L	1	06/19/2023 12:15	R330464
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		0	mg/L	1	06/19/2023 12:15	R330464
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		756	mg/L	1	06/15/2023 11:03	R330392
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10	J	10	mg/L	1	06/16/2023 1:11	R330335
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.18	mg/L	1	06/21/2023 10:22	R330565
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		45	mg/L	1	06/16/2023 1:13	R330374
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	06/21/2023 16:35	207360
Barium	NELAP	0.0007	0.0025		0.160	mg/L	1	06/21/2023 16:35	207360
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	06/21/2023 16:35	207360
Boron	NELAP	0.0090	0.0200		0.532	mg/L	1	06/21/2023 16:35	207360
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	06/21/2023 16:35	207360
Calcium	NELAP	0.0350	0.100		160	mg/L	1	06/21/2023 16:35	207360
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	06/21/2023 16:35	207360
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	06/21/2023 16:35	207360
Magnesium	NELAP	0.0055	0.0500		82.0	mg/L	1	06/21/2023 16:35	207360
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	06/21/2023 16:35	207360
Potassium	NELAP	0.0400	0.100		0.576	mg/L	1	06/21/2023 16:35	207360
Sodium	NELAP	0.0180	0.0500		25.7	mg/L	1	06/21/2023 16:35	207360
<i>Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	06/19/2023 11:05	207360
Cobalt	NELAP	0.0005	0.0010	J	0.0007	mg/L	5	06/19/2023 11:05	207360
Lithium	*	0.0015	0.0030	J	0.0030	mg/L	5	06/26/2023 12:39	207360
Selenium	NELAP	0.0006	0.0010	J	0.0006	mg/L	5	06/19/2023 11:05	207360
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	06/19/2023 11:05	207360



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-004
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-05
Collection Date: 06/13/2023 11:00

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	06/21/2023 12:03	207548



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-005
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-06
Collection Date: 06/13/2023 13:03

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		10.19	ft	1	06/13/2023 13:03	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.5	NTU	1	06/13/2023 13:03	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		96	mV	1	06/13/2023 13:03	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		809	µS/cm	1	06/13/2023 13:03	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.8	°C	1	06/13/2023 13:03	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		5.13	mg/L	1	06/13/2023 13:03	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.57		1	06/13/2023 13:03	R330342
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		299	mg/L	1	06/19/2023 12:23	R330464
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		0	mg/L	1	06/19/2023 12:23	R330464
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		462	mg/L	1	06/15/2023 11:03	R330392
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		126	mg/L	5	06/16/2023 1:24	R330335
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.20	mg/L	1	06/21/2023 10:25	R330565
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4	J	2	mg/L	1	06/16/2023 1:21	R330374
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	06/21/2023 16:37	207360
Barium	NELAP	0.0007	0.0025		0.0431	mg/L	1	06/21/2023 16:37	207360
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	06/21/2023 16:37	207360
Boron	NELAP	0.0090	0.0200		0.996	mg/L	1	06/21/2023 16:37	207360
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	06/21/2023 16:37	207360
Calcium	NELAP	0.0350	0.100		93.2	mg/L	1	06/21/2023 16:37	207360
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	06/21/2023 16:37	207360
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	06/21/2023 16:37	207360
Magnesium	NELAP	0.0055	0.0500		39.4	mg/L	1	06/21/2023 16:37	207360
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	06/21/2023 16:37	207360
Potassium	NELAP	0.0400	0.100		0.253	mg/L	1	06/21/2023 16:37	207360
Sodium	NELAP	0.0180	0.0500		20.9	mg/L	1	06/21/2023 16:37	207360
<i>Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	06/19/2023 11:36	207360
Cobalt	NELAP	0.0005	0.0010		< 0.0010	mg/L	5	06/19/2023 11:36	207360
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	06/26/2023 12:45	207360
Selenium	NELAP	0.0006	0.0010	J	0.0006	mg/L	5	06/21/2023 1:38	207360
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	06/19/2023 11:36	207360



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-005
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-06
Collection Date: 06/13/2023 13:03

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	06/21/2023 12:06	207548



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-006
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-07
Collection Date: 06/12/2023 15:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.95	ft	1	06/12/2023 15:10	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	06/12/2023 15:10	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		36	mV	1	06/12/2023 15:10	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		940	µS/cm	1	06/12/2023 15:10	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.4	°C	1	06/12/2023 15:10	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.02	mg/L	1	06/12/2023 15:10	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.87		1	06/12/2023 15:10	R330342
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		355	mg/L	1	06/19/2023 12:29	R330464
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		0	mg/L	1	06/19/2023 12:29	R330464
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		604	mg/L	1	06/13/2023 11:31	R330218
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		185	mg/L	5	06/16/2023 16:09	R330416
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.27	mg/L	1	06/21/2023 10:27	R330565
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4	J	1	mg/L	1	06/15/2023 21:02	R330374
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	06/19/2023 18:21	207271
Barium	NELAP	0.0007	0.0025		0.0347	mg/L	1	06/19/2023 18:21	207271
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	06/19/2023 18:21	207271
Boron	NELAP	0.0090	0.0200		0.247	mg/L	1	06/19/2023 18:21	207271
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	06/19/2023 18:21	207271
Calcium	NELAP	0.0350	0.100		109	mg/L	1	06/19/2023 18:21	207271
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	06/19/2023 18:21	207271
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	06/19/2023 18:21	207271
Magnesium	NELAP	0.0055	0.0500		48.5	mg/L	1	06/19/2023 18:21	207271
Molybdenum	NELAP	0.0037	0.010	J	0.0045	mg/L	1	06/19/2023 18:21	207271
Potassium	NELAP	0.0400	0.100		1.45	mg/L	1	06/19/2023 18:21	207271
Sodium	NELAP	0.0180	0.0500		14.7	mg/L	1	06/19/2023 18:21	207271
SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	06/15/2023 10:49	207271
Cobalt	NELAP	0.0001	0.0010	J	0.0009	mg/L	5	06/15/2023 10:49	207271
Lithium	*	0.0015	0.0030	J	0.0023	mg/L	5	06/15/2023 10:49	207271
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	06/15/2023 10:49	207271
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	06/15/2023 10:49	207271



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-006
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-07
Collection Date: 06/12/2023 15:10

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	06/21/2023 12:08	207548



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-008
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-08
Collection Date: 06/12/2023 14:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.75	ft	1	06/12/2023 14:10	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	06/12/2023 14:10	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-22	mV	1	06/12/2023 14:10	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1290	µS/cm	1	06/12/2023 14:10	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.4	°C	1	06/12/2023 14:10	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.83	mg/L	1	06/12/2023 14:10	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.45		1	06/12/2023 14:10	R330342
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		466	mg/L	1	06/19/2023 12:36	R330464
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	06/19/2023 12:36	R330464
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		812	mg/L	1	06/13/2023 11:31	R330218
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		232	mg/L	10	06/16/2023 16:30	R330416
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.22	mg/L	1	06/21/2023 10:30	R330565
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		21	mg/L	1	06/15/2023 21:37	R330374
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	06/19/2023 18:27	207271
Barium	NELAP	0.0007	0.0025		0.0264	mg/L	1	06/22/2023 9:34	207509
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	06/19/2023 18:27	207271
Boron	NELAP	0.0090	0.0200		0.889	mg/L	1	06/19/2023 18:27	207271
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	06/19/2023 18:27	207271
Calcium	NELAP	0.0350	0.100	S	138	mg/L	1	06/19/2023 18:27	207271
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	06/19/2023 18:27	207271
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	06/22/2023 9:34	207509
Magnesium	NELAP	0.0055	0.0500	S	68.3	mg/L	1	06/19/2023 18:27	207271
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	06/19/2023 18:27	207271
Potassium	NELAP	0.0400	0.100		0.539	mg/L	1	06/19/2023 18:27	207271
Sodium	NELAP	0.0180	0.0500		29.0	mg/L	1	06/19/2023 18:27	207271
<i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	06/15/2023 11:32	207271
Cobalt	NELAP	0.0001	0.0010		0.0012	mg/L	5	06/15/2023 11:32	207271
Lithium	*	0.0015	0.0030	J	0.0017	mg/L	5	06/15/2023 11:32	207271
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	06/15/2023 11:32	207271
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	06/15/2023 11:32	207271



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-008
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-08
Collection Date: 06/12/2023 14:10

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	06/21/2023 12:10	207548



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-010
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-11
Collection Date: 06/12/2023 14:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		11.73	ft	1	06/12/2023 14:23	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.3	NTU	1	06/12/2023 14:23	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		125	mV	1	06/12/2023 14:23	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1030	µS/cm	1	06/12/2023 14:23	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.6	°C	1	06/12/2023 14:23	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.54	mg/L	1	06/12/2023 14:23	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.71		1	06/12/2023 14:23	R330342
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		434	mg/L	1	06/19/2023 12:43	R330464
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		0	mg/L	1	06/19/2023 12:43	R330464
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		646	mg/L	1	06/13/2023 11:32	R330218
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		125	mg/L	5	06/15/2023 21:47	R330335
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.48	mg/L	1	06/21/2023 10:32	R330565
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		33	mg/L	1	06/15/2023 21:42	R330374
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	06/19/2023 18:21	207271
Barium	NELAP	0.0007	0.0025		0.126	mg/L	1	06/19/2023 18:21	207271
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	06/19/2023 18:21	207271
Boron	NELAP	0.0090	0.0200		1.41	mg/L	1	06/19/2023 18:21	207271
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	06/19/2023 18:21	207271
Calcium	NELAP	0.0350	0.100		108	mg/L	1	06/19/2023 18:21	207271
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	06/19/2023 18:21	207271
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	06/19/2023 18:21	207271
Magnesium	NELAP	0.0055	0.0500		50.4	mg/L	1	06/19/2023 18:21	207271
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	06/19/2023 18:21	207271
Potassium	NELAP	0.0400	0.100		0.937	mg/L	1	06/19/2023 18:21	207271
Sodium	NELAP	0.0180	0.0500		44.3	mg/L	1	06/19/2023 18:21	207271
SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	06/15/2023 10:55	207271
Cobalt	NELAP	0.0001	0.0010	J	0.0005	mg/L	5	06/15/2023 10:55	207271
Lithium	*	0.0015	0.0030	J	0.0022	mg/L	5	06/15/2023 10:55	207271
Selenium	NELAP	0.0006	0.0010		0.0011	mg/L	5	06/15/2023 10:55	207271
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	06/15/2023 10:55	207271



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-010
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-11
Collection Date: 06/12/2023 14:23

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	06/21/2023 12:13	207548



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-011
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-12
Collection Date: 06/13/2023 14:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		6.99	ft	1	06/13/2023 14:15	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		8.4	NTU	1	06/13/2023 14:15	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-35	mV	1	06/13/2023 14:15	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1630	µS/cm	1	06/13/2023 14:15	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.4	°C	1	06/13/2023 14:15	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.83	mg/L	1	06/13/2023 14:15	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.72		1	06/13/2023 14:15	R330342
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		534	mg/L	1	06/20/2023 9:40	R330488
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	06/20/2023 9:40	R330488
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		1080	mg/L	2.5	06/15/2023 11:03	R330392
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		378	mg/L	10	06/16/2023 16:38	R330416
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.20	mg/L	1	06/21/2023 10:42	R330565
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		31	mg/L	1	06/15/2023 21:50	R330374
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	06/21/2023 16:39	207360
Barium	NELAP	0.0007	0.0025		0.0944	mg/L	1	06/21/2023 16:39	207360
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	06/21/2023 16:39	207360
Boron	NELAP	0.0090	0.0200		3.39	mg/L	1	06/21/2023 16:39	207360
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	06/21/2023 16:39	207360
Calcium	NELAP	0.0350	0.100		210	mg/L	1	06/21/2023 16:39	207360
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	06/21/2023 16:39	207360
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	06/21/2023 16:39	207360
Magnesium	NELAP	0.0055	0.0500		88.2	mg/L	1	06/21/2023 16:39	207360
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	06/21/2023 16:39	207360
Potassium	NELAP	0.0400	0.100		2.33	mg/L	1	06/21/2023 16:39	207360
Sodium	NELAP	0.0180	0.0500		54.6	mg/L	1	06/21/2023 16:39	207360
<i>Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
<i>Contamination present in the MBLK for Al. Sample results below the reporting limit are reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	06/19/2023 11:42	207360
Cobalt	NELAP	0.0005	0.0010		< 0.0010	mg/L	5	06/19/2023 11:42	207360
Lithium	*	0.0015	0.0030		0.0102	mg/L	5	06/26/2023 12:50	207360
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	06/19/2023 11:42	207360
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	06/19/2023 11:42	207360



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-011
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-12
Collection Date: 06/13/2023 14:15

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	06/21/2023 12:15	207548



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-012
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-12#S
Collection Date: 06/12/2023 12:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		6.50	ft	1	06/12/2023 12:50	R330342



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-013
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-12&D
Collection Date: 06/12/2023 12:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		3.70	ft	1	06/12/2023 12:48	R330342



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-014
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-20
Collection Date: 06/13/2023 9:41

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		6.40	ft	1	06/13/2023 9:41	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		4.5	NTU	1	06/13/2023 9:41	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		114	mV	1	06/13/2023 9:41	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1120	µS/cm	1	06/13/2023 9:41	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.8	°C	1	06/13/2023 9:41	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.89	mg/L	1	06/13/2023 9:41	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.95		1	06/13/2023 9:41	R330342
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		430	mg/L	1	06/19/2023 13:08	R330464
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	06/19/2023 13:08	R330464
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		666	mg/L	1	06/15/2023 11:03	R330392
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		180	mg/L	5	06/15/2023 22:02	R330335
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.36	mg/L	1	06/21/2023 10:45	R330565
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		22	mg/L	1	06/15/2023 21:58	R330374
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	06/21/2023 16:40	207360
Barium	NELAP	0.0007	0.0025		0.121	mg/L	1	06/21/2023 16:40	207360
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	06/21/2023 16:40	207360
Boron	NELAP	0.0090	0.0200		0.586	mg/L	1	06/21/2023 16:40	207360
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	06/21/2023 16:40	207360
Calcium	NELAP	0.0350	0.100		133	mg/L	1	06/21/2023 16:40	207360
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	06/21/2023 16:40	207360
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	06/21/2023 16:40	207360
Magnesium	NELAP	0.0055	0.0500		64.0	mg/L	1	06/21/2023 16:40	207360
Molybdenum	NELAP	0.0037	0.010	J	0.0041	mg/L	1	06/21/2023 16:40	207360
Potassium	NELAP	0.0400	0.100		1.21	mg/L	1	06/21/2023 16:40	207360
Sodium	NELAP	0.0180	0.0500		23.0	mg/L	1	06/21/2023 16:40	207360
<i>Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	06/19/2023 11:47	207360
Cobalt	NELAP	0.0005	0.0010		0.0011	mg/L	5	06/19/2023 11:47	207360
Lithium	*	0.0015	0.0030		0.0050	mg/L	5	06/26/2023 12:56	207360
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	06/19/2023 11:47	207360
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	06/19/2023 11:47	207360



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-014
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-20
Collection Date: 06/13/2023 9:41

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	06/21/2023 12:23	207548



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-015
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-20#S
Collection Date: 06/13/2023 10:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		6.38	ft	1	06/13/2023 10:05	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	06/13/2023 10:05	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		105	mV	1	06/13/2023 10:05	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1710	µS/cm	1	06/13/2023 10:05	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.8	°C	1	06/13/2023 10:05	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.25	mg/L	1	06/13/2023 10:05	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.77		1	06/13/2023 10:05	R330342
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		466	mg/L	1	06/19/2023 13:15	R330464
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	06/19/2023 13:15	R330464
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1250	mg/L	1	06/15/2023 11:04	R330392
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		519	mg/L	20	06/16/2023 17:07	R330416
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.19	mg/L	1	06/21/2023 10:47	R330565
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		14	mg/L	1	06/15/2023 22:06	R330374
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	06/21/2023 16:42	207360
Barium	NELAP	0.0007	0.0025		0.0370	mg/L	1	06/21/2023 16:42	207360
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	06/21/2023 16:42	207360
Boron	NELAP	0.0090	0.0200		2.19	mg/L	1	06/21/2023 16:42	207360
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	06/21/2023 16:42	207360
Calcium	NELAP	0.0350	0.100		204	mg/L	1	06/21/2023 16:42	207360
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	06/21/2023 16:42	207360
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	06/21/2023 16:42	207360
Magnesium	NELAP	0.0055	0.0500		103	mg/L	1	06/21/2023 16:42	207360
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	06/21/2023 16:42	207360
Potassium	NELAP	0.0400	0.100		0.188	mg/L	1	06/21/2023 16:42	207360
Sodium	NELAP	0.0180	0.0500		29.6	mg/L	1	06/21/2023 16:42	207360
<i>Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	06/19/2023 11:53	207360
Cobalt	NELAP	0.0005	0.0010		< 0.0010	mg/L	5	06/19/2023 11:53	207360
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	06/26/2023 13:01	207360
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	06/19/2023 11:53	207360
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	06/19/2023 11:53	207360



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-015
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-20#S
Collection Date: 06/13/2023 10:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	06/21/2023 12:31	207548



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-016
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-23
Collection Date: 06/12/2023 13:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		16.67	ft	1	06/12/2023 13:35	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	06/12/2023 13:35	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		144	mV	1	06/12/2023 13:35	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1100	µS/cm	1	06/12/2023 13:35	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.0	°C	1	06/12/2023 13:35	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.07	mg/L	1	06/12/2023 13:35	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.45		1	06/12/2023 13:35	R330342
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		508	mg/L	1	06/19/2023 13:22	R330464
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		0	mg/L	1	06/19/2023 13:22	R330464
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		634	mg/L	1	06/13/2023 11:32	R330218
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		47	mg/L	1	06/15/2023 22:26	R330335
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.36	mg/L	1	06/21/2023 10:50	R330565
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		28	mg/L	1	06/15/2023 22:27	R330374
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	06/19/2023 18:22	207271
Barium	NELAP	0.0007	0.0025		0.102	mg/L	1	06/19/2023 18:22	207271
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	06/19/2023 18:22	207271
Boron	NELAP	0.0090	0.0200		1.99	mg/L	1	06/19/2023 18:22	207271
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	06/19/2023 18:22	207271
Calcium	NELAP	0.0350	0.100		103	mg/L	1	06/19/2023 18:22	207271
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	06/19/2023 18:22	207271
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	06/19/2023 18:22	207271
Magnesium	NELAP	0.0055	0.0500		50.5	mg/L	1	06/19/2023 18:22	207271
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	06/19/2023 18:22	207271
Potassium	NELAP	0.0400	0.100		0.448	mg/L	1	06/19/2023 18:22	207271
Sodium	NELAP	0.0180	0.0500		44.9	mg/L	1	06/19/2023 18:22	207271
SW-846 3005A, 6020A, METALS BY ICMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	06/15/2023 11:01	207271
Cobalt	NELAP	0.0001	0.0010	J	0.0008	mg/L	5	06/15/2023 11:01	207271
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	06/15/2023 11:01	207271
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	06/15/2023 11:01	207271
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	06/15/2023 11:01	207271



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-016
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-23
Collection Date: 06/12/2023 13:35

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	06/21/2023 12:34	207548



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-017
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-27
Collection Date: 06/12/2023 14:37

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		14.45	ft	1	06/12/2023 14:37	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		13	NTU	1	06/12/2023 14:37	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-48	mV	1	06/12/2023 14:37	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1750	µS/cm	1	06/12/2023 14:37	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.3	°C	1	06/12/2023 14:37	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.17	mg/L	1	06/12/2023 14:37	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.72		1	06/12/2023 14:37	R330342



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-018
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-28
Collection Date: 06/13/2023 13:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		7.42	ft	1	06/13/2023 13:27	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	06/13/2023 13:27	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		108	mV	1	06/13/2023 13:27	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2420	µS/cm	1	06/13/2023 13:27	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.1	°C	1	06/13/2023 13:27	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.01	mg/L	1	06/13/2023 13:27	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.76		1	06/13/2023 13:27	R330342
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		466	mg/L	1	06/19/2023 13:29	R330464
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	06/19/2023 13:29	R330464
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1770	mg/L	1	06/15/2023 11:04	R330392
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		951	mg/L	20	06/16/2023 17:15	R330416
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.13	mg/L	1	06/21/2023 10:51	R330565
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		15	mg/L	1	06/15/2023 22:36	R330374
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	06/21/2023 16:43	207360
Barium	NELAP	0.0007	0.0025		0.0271	mg/L	1	06/21/2023 16:43	207360
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	06/21/2023 16:43	207360
Boron	NELAP	0.0090	0.0200		9.00	mg/L	1	06/21/2023 16:43	207360
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	06/21/2023 16:43	207360
Calcium	NELAP	0.0350	0.100		286	mg/L	1	06/21/2023 16:43	207360
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	06/21/2023 16:43	207360
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	06/21/2023 16:43	207360
Magnesium	NELAP	0.0055	0.0500		132	mg/L	1	06/21/2023 16:43	207360
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	06/21/2023 16:43	207360
Potassium	NELAP	0.0400	0.100		0.978	mg/L	1	06/21/2023 16:43	207360
Sodium	NELAP	0.0180	0.0500		128	mg/L	1	06/21/2023 16:43	207360
<i>Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
<i>Contamination present in the MBLK for Al. Sample results below the reporting limit are reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	06/19/2023 11:59	207360
Cobalt	NELAP	0.0005	0.0010	J	0.0007	mg/L	5	06/19/2023 11:59	207360
Lithium	*	0.0015	0.0030		0.0061	mg/L	5	06/27/2023 8:18	207360
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	06/19/2023 11:59	207360
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	06/19/2023 11:59	207360



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-018
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-28
Collection Date: 06/13/2023 13:27

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	06/21/2023 12:36	207548



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-019
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-30
Collection Date: 06/13/2023 12:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		25.20	ft	1	06/13/2023 12:32	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		7.3	NTU	1	06/13/2023 12:32	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-17	mV	1	06/13/2023 12:32	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1190	µS/cm	1	06/13/2023 12:32	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.7	°C	1	06/13/2023 12:32	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.83	mg/L	1	06/13/2023 12:32	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.67		1	06/13/2023 12:32	R330342
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		587	mg/L	1	06/19/2023 13:36	R330464
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	06/19/2023 13:36	R330464
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		612	mg/L	1	06/15/2023 11:46	R330392
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10	J	7	mg/L	1	06/20/2023 11:27	R330562
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.30	mg/L	1	06/21/2023 11:40	R330565
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		44	mg/L	1	06/15/2023 22:43	R330374
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	06/21/2023 16:45	207360
Barium	NELAP	0.0007	0.0025		0.170	mg/L	1	06/21/2023 16:45	207360
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	06/21/2023 16:45	207360
Boron	NELAP	0.0090	0.0200		1.15	mg/L	1	06/21/2023 16:45	207360
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	06/21/2023 16:45	207360
Calcium	NELAP	0.0350	0.100		121	mg/L	1	06/21/2023 16:45	207360
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	06/21/2023 16:45	207360
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	06/21/2023 16:45	207360
Magnesium	NELAP	0.0055	0.0500		60.0	mg/L	1	06/21/2023 16:45	207360
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	06/21/2023 16:45	207360
Potassium	NELAP	0.0400	0.100		0.733	mg/L	1	06/21/2023 16:45	207360
Sodium	NELAP	0.0180	0.0500		45.6	mg/L	1	06/21/2023 16:45	207360
<i>Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
<i>Contamination present in the MBLK for Al. Sample results below the reporting limit are reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	06/19/2023 12:04	207360
Cobalt	NELAP	0.0005	0.0010		0.0027	mg/L	5	06/19/2023 12:04	207360
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	06/26/2023 13:36	207360
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	06/19/2023 12:04	207360
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	06/19/2023 12:04	207360



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-019
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-30
Collection Date: 06/13/2023 12:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
<i>CCV recovered outside the upper control limits for Li. Sample results are below the reporting limit. Data is reportable per the TNI standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	06/21/2023 12:39	207548



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-020
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-31
Collection Date: 06/13/2023 11:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		31.22	ft	1	06/13/2023 11:58	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	06/13/2023 11:58	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-50	mV	1	06/13/2023 11:58	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1200	µS/cm	1	06/13/2023 11:58	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.9	°C	1	06/13/2023 11:58	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.90	mg/L	1	06/13/2023 11:58	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.76		1	06/13/2023 11:58	R330342
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		591	mg/L	1	06/19/2023 13:43	R330464
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		0	mg/L	1	06/19/2023 13:43	R330464
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		600	mg/L	2.5	06/15/2023 11:46	R330392
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		< 10	mg/L	1	06/15/2023 22:51	R330335
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.16	mg/L	1	06/21/2023 10:54	R330565
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		50	mg/L	1	06/15/2023 22:51	R330374
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	06/21/2023 16:59	207360
Barium	NELAP	0.0007	0.0025		0.230	mg/L	1	06/21/2023 16:59	207360
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	06/21/2023 16:59	207360
Boron	NELAP	0.0090	0.0200		0.292	mg/L	1	06/21/2023 16:59	207360
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	06/21/2023 16:59	207360
Calcium	NELAP	0.0350	0.100	S	142	mg/L	1	06/21/2023 16:59	207360
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	06/21/2023 16:59	207360
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	06/21/2023 16:59	207360
Magnesium	NELAP	0.0055	0.0500	S	65.4	mg/L	1	06/21/2023 16:59	207360
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	06/21/2023 16:59	207360
Potassium	NELAP	0.0400	0.100		0.835	mg/L	1	06/21/2023 16:59	207360
Sodium	NELAP	0.0180	0.0500	S	23.7	mg/L	1	06/21/2023 16:59	207360
<i>Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
<i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	06/19/2023 12:16	207360
Cobalt	NELAP	0.0005	0.0010	J	0.0010	mg/L	5	06/19/2023 12:16	207360
Lithium	*	0.0015	0.0030		0.0052	mg/L	5	06/27/2023 8:52	207360
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	06/19/2023 12:16	207360
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	06/19/2023 12:16	207360



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-020
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-31
Collection Date: 06/13/2023 11:58

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	06/21/2023 12:42	207548



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-021
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-31#S
Collection Date: 06/13/2023 11:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		23.83	ft	1	06/13/2023 11:40	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		16	NTU	1	06/13/2023 11:40	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-78	mV	1	06/13/2023 11:40	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1440	µS/cm	1	06/13/2023 11:40	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.4	°C	1	06/13/2023 11:40	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.00	mg/L	1	06/13/2023 11:40	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.70		1	06/13/2023 11:40	R330342



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-022
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-32
Collection Date: 06/13/2023 10:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		28.75	ft	1	06/13/2023 10:32	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	06/13/2023 10:32	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		104	mV	1	06/13/2023 10:32	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1610	µS/cm	1	06/13/2023 10:32	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.6	°C	1	06/13/2023 10:32	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.05	mg/L	1	06/13/2023 10:32	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.58		1	06/13/2023 10:32	R330342
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		524	mg/L	1	06/19/2023 13:50	R330464
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	06/19/2023 13:50	R330464
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1050	mg/L	1	06/15/2023 11:46	R330392
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		414	mg/L	10	06/16/2023 17:18	R330416
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.17	mg/L	1	06/21/2023 10:56	R330565
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		11	mg/L	1	06/15/2023 22:59	R330374
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	06/21/2023 16:47	207360
Barium	NELAP	0.0007	0.0025		0.0570	mg/L	1	06/21/2023 16:47	207360
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	06/21/2023 16:47	207360
Boron	NELAP	0.0090	0.0200		1.67	mg/L	1	06/21/2023 16:47	207360
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	06/21/2023 16:47	207360
Calcium	NELAP	0.0350	0.100		180	mg/L	1	06/21/2023 16:47	207360
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	06/21/2023 16:47	207360
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	06/21/2023 16:47	207360
Magnesium	NELAP	0.0055	0.0500		90.9	mg/L	1	06/21/2023 16:47	207360
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	06/21/2023 16:47	207360
Potassium	NELAP	0.0400	0.100		0.422	mg/L	1	06/21/2023 16:47	207360
Sodium	NELAP	0.0180	0.0500		62.4	mg/L	1	06/21/2023 16:47	207360
<i>Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
<i>Contamination present in the MBLK for Al. Sample results below the reporting limit are reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	06/19/2023 12:10	207360
Cobalt	NELAP	0.0005	0.0010	J	0.0009	mg/L	5	06/19/2023 12:10	207360
Lithium	*	0.0015	0.0030	J	0.0015	mg/L	5	06/26/2023 13:41	207360
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	06/19/2023 12:10	207360
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	06/19/2023 12:10	207360



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-022
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-32
Collection Date: 06/13/2023 10:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
<i>CCV recovered outside the upper control limits for Li. Sample results are below the reporting limit. Data is reportable per the TNI standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	06/21/2023 12:44	207548



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-023
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-PZ4!C
Collection Date: 06/13/2023 11:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		7.15	ft	1	06/13/2023 11:23	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.7	NTU	1	06/13/2023 11:23	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-118	mV	1	06/13/2023 11:23	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		971	µS/cm	1	06/13/2023 11:23	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.4	°C	1	06/13/2023 11:23	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.72	mg/L	1	06/13/2023 11:23	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.77		1	06/13/2023 11:23	R330342
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		421	mg/L	1	06/20/2023 9:54	R330488
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		0	mg/L	1	06/20/2023 9:54	R330488
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		546	mg/L	1	06/15/2023 11:46	R330392
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		67	mg/L	5	06/15/2023 23:25	R330335
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.38	mg/L	1	06/21/2023 10:59	R330565
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		34	mg/L	1	06/15/2023 23:21	R330374
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	06/21/2023 17:03	207360
Barium	NELAP	0.0007	0.0025		0.274	mg/L	1	06/21/2023 17:03	207360
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	06/21/2023 17:03	207360
Boron	NELAP	0.0090	0.0200		1.59	mg/L	1	06/21/2023 17:03	207360
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	06/21/2023 17:03	207360
Calcium	NELAP	0.0350	0.100		114	mg/L	1	06/21/2023 17:03	207360
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	06/21/2023 17:03	207360
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	06/21/2023 17:03	207360
Magnesium	NELAP	0.0055	0.0500		44.0	mg/L	1	06/21/2023 17:03	207360
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	06/21/2023 17:03	207360
Potassium	NELAP	0.0400	0.100		1.04	mg/L	1	06/21/2023 17:03	207360
Sodium	NELAP	0.0180	0.0500		35.4	mg/L	1	06/21/2023 17:03	207360
<i>Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	0.0005	mg/L	5	06/19/2023 13:29	207360
Cobalt	NELAP	0.0005	0.0010		< 0.0010	mg/L	5	06/19/2023 13:29	207360
Lithium	*	0.0015	0.0030		0.0064	mg/L	5	06/27/2023 8:30	207360
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	06/21/2023 2:08	207360
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	06/19/2023 13:29	207360



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-023
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-PZ4!C
Collection Date: 06/13/2023 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	06/22/2023 11:08	207599



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-028
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-XSG-01
Collection Date: 06/12/2023 11:21

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		3.33	ft	1	06/12/2023 11:21	R330342



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-029
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-YSG-02
Collection Date: 06/12/2023 11:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		8.73	ft	1	06/12/2023 11:15	R330342



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-030
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-08 Duplicate
Collection Date: 06/12/2023 14:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.75	ft	1	06/12/2023 14:10	R330342
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	06/12/2023 14:10	R330342
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		-22	mV	1	06/12/2023 14:10	R330342
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1290	µS/cm	1	06/12/2023 14:10	R330342
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.4	°C	1	06/12/2023 14:10	R330342
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.83	mg/L	1	06/12/2023 14:10	R330342
SW-846 9040B FIELD									
pH	*	0	1.00		6.45		1	06/12/2023 14:10	R330342
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		467	mg/L	1	06/20/2023 10:26	R330488
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	06/20/2023 10:26	R330488
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		810	mg/L	1	06/13/2023 11:32	R330218
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		230	mg/L	10	06/16/2023 17:58	R330416
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		0.21	mg/L	1	06/21/2023 11:16	R330565
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		21	mg/L	1	06/16/2023 0:14	R330374
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	06/21/2023 17:11	207360
Barium	NELAP	0.0007	0.0025		0.0267	mg/L	1	06/21/2023 17:11	207360
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	06/21/2023 17:11	207360
Boron	NELAP	0.0090	0.0200		0.952	mg/L	1	06/21/2023 17:11	207360
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	06/21/2023 17:11	207360
Calcium	NELAP	0.0350	0.100		156	mg/L	1	06/21/2023 17:11	207360
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	06/21/2023 17:11	207360
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	06/21/2023 17:11	207360
Magnesium	NELAP	0.0055	0.0500		70.1	mg/L	1	06/21/2023 17:11	207360
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	06/21/2023 17:11	207360
Potassium	NELAP	0.0400	0.100		0.540	mg/L	1	06/21/2023 17:11	207360
Sodium	NELAP	0.0180	0.0500		27.8	mg/L	1	06/21/2023 17:11	207360
<i>Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
<i>Contamination present in the MBLK for Al. Sample results below the reporting limit are reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	06/19/2023 14:03	207360
Cobalt	NELAP	0.0005	0.0010		0.0021	mg/L	5	06/19/2023 14:03	207360
Lithium	*	0.0015	0.0030	J	0.0022	mg/L	5	06/26/2023 15:28	207360
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	06/19/2023 14:03	207360
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	06/19/2023 14:03	207360



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-030
Matrix: GROUNDWATER

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: KIN-MW-08 Duplicate
Collection Date: 06/12/2023 14:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
<i>CCV recovered outside the upper control limits for Li. Sample results are below the reporting limit. Data is reportable per the TNI standard.</i>									
<i>CCV recovered outside the upper control limits for Se. Sample results are below the reporting limit. Data is reportable per the TNI standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	06/22/2023 11:32	207599



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060002-031
Matrix: AQUEOUS

Work Order: 23060002
Report Date: 04-Aug-23
Client Sample ID: Field Blank
Collection Date: 06/13/2023 13:54

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	06/20/2023 10:33	R330488
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	06/20/2023 10:33	R330488
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		< 20	mg/L	1	06/15/2023 11:48	R330392
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		< 10	mg/L	1	06/16/2023 18:06	R330416
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		< 0.10	mg/L	1	06/21/2023 11:18	R330565
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		< 4	mg/L	1	06/16/2023 0:22	R330374
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Arsenic	NELAP	0.0087	0.0100		< 0.0100	mg/L	1	06/21/2023 17:24	207360
Barium	NELAP	0.0007	0.0025		< 0.0025	mg/L	1	06/21/2023 17:24	207360
Beryllium	NELAP	0.0002	0.0005		< 0.0005	mg/L	1	06/21/2023 17:24	207360
Boron	NELAP	0.0090	0.0200		< 0.0200	mg/L	1	06/21/2023 17:24	207360
Cadmium	NELAP	0.0005	0.0020		< 0.0020	mg/L	1	06/21/2023 17:24	207360
Calcium	NELAP	0.0350	0.100		< 0.100	mg/L	1	06/21/2023 17:24	207360
Chromium	NELAP	0.0028	0.0050		< 0.0050	mg/L	1	06/21/2023 17:24	207360
Lead	NELAP	0.0040	0.0075		< 0.0075	mg/L	1	06/21/2023 17:24	207360
Magnesium	NELAP	0.0055	0.0500		< 0.0500	mg/L	1	06/21/2023 17:24	207360
Molybdenum	NELAP	0.0037	0.0100		< 0.0100	mg/L	1	06/21/2023 17:24	207360
Potassium	NELAP	0.0400	0.100		< 0.100	mg/L	1	06/21/2023 17:24	207360
Sodium	NELAP	0.0180	0.0500		< 0.0500	mg/L	1	06/21/2023 17:24	207360
<i>Contamination present in the MBLK for Al and Si. Sample results below the reporting limit are reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPCS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		< 0.0010	mg/L	5	06/19/2023 14:09	207360
Cobalt	NELAP	0.0005	0.0010		< 0.0010	mg/L	5	06/19/2023 14:09	207360
Lithium	*	0.0015	0.0030		< 0.0030	mg/L	5	06/26/2023 15:17	207360
Selenium	NELAP	0.0006	0.0010		< 0.0010	mg/L	5	06/19/2023 14:09	207360
Thallium	NELAP	0.0010	0.0020		< 0.0020	mg/L	5	06/19/2023 14:09	207360
<i>CCV recovered outside the upper control limits for Li. Sample results are below the reporting limit. Data is reportable per the TNI standard.</i>									
<i>CCV recovered outside the upper control limits for Se. Sample results are below the reporting limit. Data is reportable per the TNI standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		< 0.00020	mg/L	1	06/22/2023 11:35	207599



Sample Summary

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

Client: Ramboll
Client Project: KIN-23Q2

Work Order: 23060002
Report Date: 04-Aug-23

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
23060002-001	KIN-MW-01	Groundwater	6	06/12/2023 12:33
23060002-002	KIN-MW-02	Groundwater	6	06/12/2023 13:16
23060002-003	KIN-MW-03	Groundwater	6	06/13/2023 10:45
23060002-004	KIN-MW-05	Groundwater	6	06/13/2023 11:00
23060002-005	KIN-MW-06	Groundwater	6	06/13/2023 13:03
23060002-006	KIN-MW-07	Groundwater	6	06/12/2023 15:10
23060002-007	KIN-MW-07#S	Groundwater	6	06/12/2023 0:00
23060002-008	KIN-MW-08	Groundwater	6	06/12/2023 14:10
23060002-009	KIN-MW-08#S	Groundwater	6	06/12/2023 0:00
23060002-010	KIN-MW-11	Groundwater	6	06/12/2023 14:23
23060002-011	KIN-MW-12	Groundwater	6	06/13/2023 14:15
23060002-012	KIN-MW-12#S	Groundwater	1	06/12/2023 12:50
23060002-013	KIN-MW-12&D	Groundwater	1	06/12/2023 12:48
23060002-014	KIN-MW-20	Groundwater	6	06/13/2023 9:41
23060002-015	KIN-MW-20#S	Groundwater	6	06/13/2023 10:05
23060002-016	KIN-MW-23	Groundwater	6	06/12/2023 13:35
23060002-017	KIN-MW-27	Groundwater	6	06/12/2023 14:37
23060002-018	KIN-MW-28	Groundwater	6	06/13/2023 13:27
23060002-019	KIN-MW-30	Groundwater	6	06/13/2023 12:32
23060002-020	KIN-MW-31	Groundwater	6	06/13/2023 11:58
23060002-021	KIN-MW-31#S	Groundwater	6	06/13/2023 11:40
23060002-022	KIN-MW-32	Groundwater	6	06/13/2023 10:32
23060002-023	KIN-PZ4!C	Groundwater	6	06/13/2023 11:23
23060002-028	KIN-XSG-01	Groundwater	1	06/12/2023 11:21
23060002-029	KIN-YSG-02	Groundwater	1	06/12/2023 11:15
23060002-030	KIN-MW-08 Duplicate	Groundwater	6	06/12/2023 14:10
23060002-031	Field Blank	Aqueous	6	06/13/2023 13:54



Dates Report

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23060002-001A	KIN-MW-01	06/12/2023 12:33	06/12/2023 17:20		
	Ferrous Iron by CHEMets Kit				06/12/2023 12:33
	Field Elevation Measurements				06/12/2023 12:33
	Standard Methods 2130 B Field				06/12/2023 12:33
	Standard Methods 18th Ed. 2580 B Field				06/12/2023 12:33
	Standard Methods 2320 B (Total) 1997, 2011				06/19/2023 11:57
	Standard Methods 2320 B 1997, 2011				06/19/2023 11:57
	Standard Methods 2510 B Field				06/12/2023 12:33
	Standard Methods 2540 C (Total) 1997, 2011				06/13/2023 11:30
	Standard Methods 2550 B Field				06/12/2023 12:33
	Standard Methods 4500-NO2 B (Total) 2000, 2011				06/13/2023 18:13
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/13/2023 15:18
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/13/2023 15:18
	Standard Methods 4500-O G Field				06/12/2023 12:33
	Standard Methods 4500-P E 1999				06/13/2023 15:12
	Standard Methods 4500-P E 1999, 2011				06/13/2023 15:12
	SW-846 9036 (Total)				06/15/2023 20:13
	SW-846 9040B Field				06/12/2023 12:33
	SW-846 9214 (Total)				06/21/2023 10:15
	SW-846 9251 (Total)				06/15/2023 20:09
23060002-001B	KIN-MW-01	06/12/2023 12:33	06/12/2023 17:20		
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 9:00
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 9:00
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				06/13/2023 18:01
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/13/2023 14:43
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/13/2023 14:43
	Standard Methods 4500-P E (Dissolved) 1999, 2011				06/13/2023 14:50
	Standard Methods 4500-P E (Dissolved) 1999				06/13/2023 14:50
	SW-846 9036 (Dissolved)				06/17/2023 2:03
	SW-846 9251 (Dissolved)				06/17/2023 1:53
23060002-001C	KIN-MW-01	06/12/2023 12:33	06/12/2023 17:20		
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/13/2023 22:22	06/19/2023 18:19
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/13/2023 22:22	06/26/2023 9:15
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/13/2023 22:22	06/15/2023 10:37
	SW-846 7470A (Total)			06/20/2023 16:11	06/21/2023 11:56
23060002-001D	KIN-MW-01	06/12/2023 12:33	06/12/2023 17:20		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/20/2023 13:19



Dates Report

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/20/2023 17:48
23060002-001E	KIN-MW-01	06/12/2023 12:33	06/12/2023 17:20		
	SW-846 9060A				06/14/2023 17:12
23060002-001F	KIN-MW-01	06/12/2023 12:33	06/12/2023 17:20		
	SW-846 9060A				06/14/2023 15:18
23060002-002A	KIN-MW-02	06/12/2023 13:16	06/12/2023 17:20		
	Ferrous Iron by CHEMets Kit				06/12/2023 13:16
	Field Elevation Measurements				06/12/2023 13:16
	Standard Methods 2130 B Field				06/12/2023 13:16
	Standard Methods 18th Ed. 2580 B Field				06/12/2023 13:16
	Standard Methods 2320 B (Total) 1997, 2011				06/19/2023 12:02
	Standard Methods 2320 B 1997, 2011				06/19/2023 12:02
	Standard Methods 2510 B Field				06/12/2023 13:16
	Standard Methods 2540 C (Total) 1997, 2011				06/13/2023 11:31
	Standard Methods 2550 B Field				06/12/2023 13:16
	Standard Methods 4500-NO2 B (Total) 2000, 2011				06/13/2023 18:14
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/13/2023 15:20
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/13/2023 15:20
	Standard Methods 4500-O G Field				06/12/2023 13:16
	Standard Methods 4500-P E 1999				06/13/2023 15:18
	Standard Methods 4500-P E 1999, 2011				06/13/2023 15:18
	SW-846 9036 (Total)				06/15/2023 20:43
	SW-846 9040B Field				06/12/2023 13:16
	SW-846 9214 (Total)				06/21/2023 10:18
	SW-846 9251 (Total)				06/15/2023 20:20
23060002-002B	KIN-MW-02	06/12/2023 13:16	06/12/2023 17:20		
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 9:06
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 9:06
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				06/13/2023 18:01
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/13/2023 14:52
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/13/2023 14:52
	Standard Methods 4500-P E (Dissolved) 1999, 2011				06/13/2023 14:52
	Standard Methods 4500-P E (Dissolved) 1999				06/13/2023 14:52
	SW-846 9036 (Dissolved)				06/15/2023 15:53
	SW-846 9251 (Dissolved)				06/15/2023 15:48
23060002-002C	KIN-MW-02	06/12/2023 13:16	06/12/2023 17:20		
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/13/2023 22:22	06/19/2023 18:20



Dates Report

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/13/2023 22:22	06/26/2023 9:16
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/13/2023 22:22	06/15/2023 10:43
	SW-846 7470A (Total)			06/20/2023 16:11	06/21/2023 11:59
23060002-002D	KIN-MW-02	06/12/2023 13:16	06/12/2023 17:20		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/20/2023 13:23
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/20/2023 17:52
23060002-002E	KIN-MW-02	06/12/2023 13:16	06/12/2023 17:20		
	SW-846 9060A				06/14/2023 17:18
23060002-002F	KIN-MW-02	06/12/2023 13:16	06/12/2023 17:20		
	SW-846 9060A				06/14/2023 16:34
23060002-003A	KIN-MW-03	06/13/2023 10:45	06/13/2023 17:15		
	Ferrous Iron by CHEMets Kit				06/13/2023 10:45
	Field Elevation Measurements				06/13/2023 10:45
	Standard Methods 2130 B Field				06/13/2023 10:45
	Standard Methods 18th Ed. 2580 B Field				06/13/2023 10:45
	Standard Methods 2320 B (Total) 1997, 2011				06/19/2023 12:08
	Standard Methods 2320 B 1997, 2011				06/19/2023 12:08
	Standard Methods 2510 B Field				06/13/2023 10:45
	Standard Methods 2540 C (Total) 1997, 2011				06/15/2023 11:02
	Standard Methods 2550 B Field				06/13/2023 10:45
	Standard Methods 4500-NO2 B (Total) 2000, 2011				06/14/2023 13:43
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 14:02
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 14:02
	Standard Methods 4500-O G Field				06/13/2023 10:45
	Standard Methods 4500-P E 1999				06/15/2023 7:08
	Standard Methods 4500-P E 1999, 2011				06/15/2023 7:08
	SW-846 9036 (Total)				06/16/2023 1:02
	SW-846 9040B Field				06/13/2023 10:45
	SW-846 9214 (Total)				06/21/2023 10:20
	SW-846 9251 (Total)				06/16/2023 0:38
23060002-003B	KIN-MW-03	06/13/2023 10:45	06/13/2023 17:15		
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 9:11
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 9:11
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				06/14/2023 14:01
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 15:01
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 15:01
	Standard Methods 4500-P E (Dissolved) 1999, 2011				06/15/2023 7:18



Dates Report

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
	Standard Methods 4500-P E (Dissolved) 1999				06/15/2023 7:18
	SW-846 9036 (Dissolved)				06/15/2023 16:01
	SW-846 9251 (Dissolved)				06/15/2023 15:56
23060002-003C	KIN-MW-03	06/13/2023 10:45	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/15/2023 16:33	06/20/2023 21:13
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/15/2023 16:33	06/21/2023 16:34
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/22/2023 19:07	06/23/2023 12:37
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/19/2023 11:00
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/26/2023 12:33
	SW-846 7470A (Total)			06/20/2023 16:11	06/21/2023 12:01
23060002-003D	KIN-MW-03	06/13/2023 10:45	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/20/2023 13:27
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/20/2023 17:56
23060002-003E	KIN-MW-03	06/13/2023 10:45	06/13/2023 17:15		
	SW-846 9060A				06/19/2023 20:10
23060002-003F	KIN-MW-03	06/13/2023 10:45	06/13/2023 17:15		
	SW-846 9060A				06/21/2023 11:27
23060002-004A	KIN-MW-05	06/13/2023 11:00	06/13/2023 17:15		
	Ferrous Iron by CHEMets Kit				06/13/2023 11:00
	Field Elevation Measurements				06/13/2023 11:00
	Standard Methods 2130 B Field				06/13/2023 11:00
	Standard Methods 18th Ed. 2580 B Field				06/13/2023 11:00
	Standard Methods 2320 B (Total) 1997, 2011				06/19/2023 12:15
	Standard Methods 2320 B 1997, 2011				06/19/2023 12:15
	Standard Methods 2510 B Field				06/13/2023 11:00
	Standard Methods 2540 C (Total) 1997, 2011				06/15/2023 11:03
	Standard Methods 2550 B Field				06/13/2023 11:00
	Standard Methods 4500-NO2 B (Total) 2000, 2011				06/14/2023 13:45
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 14:11
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 14:11
	Standard Methods 4500-O G Field				06/13/2023 11:00
	Standard Methods 4500-P E 1999				06/15/2023 7:09
	Standard Methods 4500-P E 1999, 2011				06/15/2023 7:09
	SW-846 9036 (Total)				06/16/2023 1:11
	SW-846 9040B Field				06/13/2023 11:00
	SW-846 9214 (Total)				06/21/2023 10:22
	SW-846 9251 (Total)				06/16/2023 1:13



Dates Report

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23060002-004B	KIN-MW-05	06/13/2023 11:00	06/13/2023 17:15		
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 9:17
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 9:17
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				06/14/2023 14:02
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 15:17
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 15:17
	Standard Methods 4500-P E (Dissolved) 1999, 2011				06/15/2023 7:19
	Standard Methods 4500-P E (Dissolved) 1999				06/15/2023 7:19
	SW-846 9036 (Dissolved)				06/15/2023 16:02
	SW-846 9251 (Dissolved)				06/15/2023 16:04
23060002-004C	KIN-MW-05	06/13/2023 11:00	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/15/2023 16:33	06/21/2023 16:35
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/22/2023 19:07	06/23/2023 12:38
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/19/2023 11:05
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/26/2023 12:39
	SW-846 7470A (Total)			06/20/2023 16:11	06/21/2023 12:03
23060002-004D	KIN-MW-05	06/13/2023 11:00	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/20/2023 18:22
23060002-004E	KIN-MW-05	06/13/2023 11:00	06/13/2023 17:15		
	SW-846 9060A				06/19/2023 20:30
23060002-004F	KIN-MW-05	06/13/2023 11:00	06/13/2023 17:15		
	SW-846 9060A				06/19/2023 17:20
23060002-005A	KIN-MW-06	06/13/2023 13:03	06/13/2023 17:15		
	Ferrous Iron by CHEMets Kit				06/13/2023 13:03
	Field Elevation Measurements				06/13/2023 13:03
	Standard Methods 2130 B Field				06/13/2023 13:03
	Standard Methods 18th Ed. 2580 B Field				06/13/2023 13:03
	Standard Methods 2320 B (Total) 1997, 2011				06/19/2023 12:23
	Standard Methods 2320 B 1997, 2011				06/19/2023 12:23
	Standard Methods 2510 B Field				06/13/2023 13:03
	Standard Methods 2540 C (Total) 1997, 2011				06/15/2023 11:03
	Standard Methods 2550 B Field				06/13/2023 13:03
	Standard Methods 4500-NO2 B (Total) 2000, 2011				06/14/2023 13:46
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 14:13
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 14:13
	Standard Methods 4500-O G Field				06/13/2023 13:03
	Standard Methods 4500-P E 1999				06/15/2023 7:34



Dates Report

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	Standard Methods 4500-P E 1999, 2011				06/15/2023 7:34
	SW-846 9036 (Total)				06/16/2023 1:24
	SW-846 9040B Field				06/13/2023 13:03
	SW-846 9214 (Total)				06/21/2023 10:25
	SW-846 9251 (Total)				06/16/2023 1:21
23060002-005B	KIN-MW-06	06/13/2023 13:03	06/13/2023 17:15		
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 9:25
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 9:25
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				06/14/2023 14:03
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 15:19
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 15:19
	Standard Methods 4500-P E (Dissolved) 1999, 2011				06/15/2023 10:02
	Standard Methods 4500-P E (Dissolved) 1999				06/15/2023 10:02
	SW-846 9036 (Dissolved)				06/15/2023 20:55
	SW-846 9251 (Dissolved)				06/15/2023 20:52
23060002-005C	KIN-MW-06	06/13/2023 13:03	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/15/2023 16:33	06/21/2023 16:37
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/22/2023 19:07	06/23/2023 12:38
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/19/2023 11:36
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/21/2023 1:38
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/26/2023 12:45
	SW-846 7470A (Total)			06/20/2023 16:11	06/21/2023 12:06
23060002-005D	KIN-MW-06	06/13/2023 13:03	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/20/2023 17:59
23060002-005E	KIN-MW-06	06/13/2023 13:03	06/13/2023 17:15		
	SW-846 9060A				06/19/2023 20:36
23060002-005F	KIN-MW-06	06/13/2023 13:03	06/13/2023 17:15		
	SW-846 9060A				06/19/2023 17:26
23060002-006A	KIN-MW-07	06/12/2023 15:10	06/12/2023 17:20		
	Ferrous Iron by CHEMets Kit				06/12/2023 15:10
	Field Elevation Measurements				06/12/2023 15:10
	Standard Methods 2130 B Field				06/12/2023 15:10
	Standard Methods 18th Ed. 2580 B Field				06/12/2023 15:10
	Standard Methods 2320 B (Total) 1997, 2011				06/19/2023 12:29
	Standard Methods 2320 B 1997, 2011				06/19/2023 12:29
	Standard Methods 2510 B Field				06/12/2023 15:10
	Standard Methods 2540 C (Total) 1997, 2011				06/13/2023 11:31



Dates Report

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
	Standard Methods 2550 B Field				06/12/2023 15:10
	Standard Methods 4500-NO2 B (Total) 2000, 2011				06/13/2023 18:15
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/13/2023 15:22
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/13/2023 15:22
	Standard Methods 4500-O G Field				06/12/2023 15:10
	Standard Methods 4500-P E 1999				06/13/2023 15:20
	Standard Methods 4500-P E 1999, 2011				06/13/2023 15:20
	SW-846 9036 (Total)				06/16/2023 16:09
	SW-846 9040B Field				06/12/2023 15:10
	SW-846 9214 (Total)				06/21/2023 10:27
	SW-846 9251 (Total)				06/15/2023 21:02
23060002-006B	KIN-MW-07	06/12/2023 15:10	06/12/2023 17:20		
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 9:32
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 9:32
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				06/13/2023 18:02
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/13/2023 15:07
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/13/2023 15:07
	Standard Methods 4500-P E (Dissolved) 1999, 2011				06/13/2023 14:54
	Standard Methods 4500-P E (Dissolved) 1999				06/13/2023 14:54
	SW-846 9036 (Dissolved)				06/15/2023 16:30
	SW-846 9251 (Dissolved)				06/15/2023 16:25
23060002-006C	KIN-MW-07	06/12/2023 15:10	06/12/2023 17:20		
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/13/2023 22:22	06/19/2023 18:21
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/13/2023 22:22	06/26/2023 9:30
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/13/2023 22:22	06/15/2023 10:49
	SW-846 7470A (Total)			06/20/2023 16:11	06/21/2023 12:08
23060002-006D	KIN-MW-07	06/12/2023 15:10	06/12/2023 17:20		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/20/2023 18:33
23060002-006E	KIN-MW-07	06/12/2023 15:10	06/12/2023 17:20		
	SW-846 9060A				06/14/2023 18:28
23060002-006F	KIN-MW-07	06/12/2023 15:10	06/12/2023 17:20		
	SW-846 9060A				06/14/2023 16:40
23060002-008A	KIN-MW-08	06/12/2023 14:10	06/12/2023 17:20		
	Ferrous Iron by CHEMets Kit				06/12/2023 14:10
	Field Elevation Measurements				06/12/2023 14:10
	Standard Methods 2130 B Field				06/12/2023 14:10
	Standard Methods 18th Ed. 2580 B Field				06/12/2023 14:10



Dates Report

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	Standard Methods 2320 B (Total) 1997, 2011				06/19/2023 12:36
	Standard Methods 2320 B 1997, 2011				06/19/2023 12:36
	Standard Methods 2510 B Field				06/12/2023 14:10
	Standard Methods 2540 C (Total) 1997, 2011				06/13/2023 11:31
	Standard Methods 2550 B Field				06/12/2023 14:10
	Standard Methods 4500-NO2 B (Total) 2000, 2011				06/13/2023 18:16
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/13/2023 15:42
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/13/2023 15:42
	Standard Methods 4500-O G Field				06/12/2023 14:10
	Standard Methods 4500-P E 1999				06/13/2023 15:22
	Standard Methods 4500-P E 1999, 2011				06/13/2023 15:22
	SW-846 9036 (Total)				06/16/2023 16:30
	SW-846 9040B Field				06/12/2023 14:10
	SW-846 9214 (Total)				06/21/2023 10:30
	SW-846 9251 (Total)				06/15/2023 21:37
23060002-008B	KIN-MW-08	06/12/2023 14:10	06/12/2023 17:20		
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 9:38
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 9:38
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				06/13/2023 18:03
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/13/2023 15:10
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/13/2023 15:10
	Standard Methods 4500-P E (Dissolved) 1999, 2011				06/13/2023 14:57
	Standard Methods 4500-P E (Dissolved) 1999				06/13/2023 14:57
	SW-846 9036 (Dissolved)				06/15/2023 16:38
	SW-846 9251 (Dissolved)				06/15/2023 16:33
23060002-008C	KIN-MW-08	06/12/2023 14:10	06/12/2023 17:20		
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/13/2023 22:22	06/19/2023 18:27
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/21/2023 16:30	06/22/2023 9:34
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/13/2023 22:22	06/15/2023 11:32
	SW-846 7470A (Total)			06/20/2023 16:11	06/21/2023 12:10
23060002-008D	KIN-MW-08	06/12/2023 14:10	06/12/2023 17:20		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/20/2023 18:37
23060002-008E	KIN-MW-08	06/12/2023 14:10	06/12/2023 17:20		
	SW-846 9060A				06/14/2023 18:34
23060002-008F	KIN-MW-08	06/12/2023 14:10	06/12/2023 17:20		
	SW-846 9060A				06/14/2023 16:46
23060002-010A	KIN-MW-11	06/12/2023 14:23	06/12/2023 17:20		



Dates Report

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	Ferrous Iron by CHEMets Kit				06/12/2023 14:23
	Field Elevation Measurements				06/12/2023 14:23
	Standard Methods 2130 B Field				06/12/2023 14:23
	Standard Methods 18th Ed. 2580 B Field				06/12/2023 14:23
	Standard Methods 2320 B (Total) 1997, 2011				06/19/2023 12:43
	Standard Methods 2320 B 1997, 2011				06/19/2023 12:43
	Standard Methods 2510 B Field				06/12/2023 14:23
	Standard Methods 2540 C (Total) 1997, 2011				06/13/2023 11:32
	Standard Methods 2550 B Field				06/12/2023 14:23
	Standard Methods 4500-NO2 B (Total) 2000, 2011				06/13/2023 18:16
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/13/2023 15:44
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/13/2023 15:44
	Standard Methods 4500-O G Field				06/12/2023 14:23
	Standard Methods 4500-P E 1999				06/13/2023 15:25
	Standard Methods 4500-P E 1999, 2011				06/13/2023 15:25
	SW-846 9036 (Total)				06/15/2023 21:47
	SW-846 9040B Field				06/12/2023 14:23
	SW-846 9214 (Total)				06/21/2023 10:32
	SW-846 9251 (Total)				06/15/2023 21:42
23060002-010B	KIN-MW-11	06/12/2023 14:23	06/12/2023 17:20		
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 9:46
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 9:46
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				06/13/2023 18:03
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/13/2023 15:11
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/13/2023 15:11
	Standard Methods 4500-P E (Dissolved) 1999, 2011				06/13/2023 15:00
	Standard Methods 4500-P E (Dissolved) 1999				06/13/2023 15:00
	SW-846 9036 (Dissolved)				06/15/2023 16:45
	SW-846 9251 (Dissolved)				06/15/2023 16:41
23060002-010C	KIN-MW-11	06/12/2023 14:23	06/12/2023 17:20		
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/13/2023 22:22	06/19/2023 18:21
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/13/2023 22:22	06/26/2023 9:32
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/13/2023 22:22	06/15/2023 10:55
	SW-846 7470A (Total)			06/20/2023 16:11	06/21/2023 12:13
23060002-010D	KIN-MW-11	06/12/2023 14:23	06/12/2023 17:20		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/20/2023 18:40
23060002-010E	KIN-MW-11	06/12/2023 14:23	06/12/2023 17:20		



Dates Report

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	SW-846 9060A				06/14/2023 18:40
23060002-010F	KIN-MW-11	06/12/2023 14:23	06/12/2023 17:20		
	SW-846 9060A				06/14/2023 16:53
23060002-011A	KIN-MW-12	06/13/2023 14:15	06/13/2023 17:15		
	Ferrous Iron by CHEMets Kit				06/13/2023 14:15
	Field Elevation Measurements				06/13/2023 14:15
	Standard Methods 2130 B Field				06/13/2023 14:15
	Standard Methods 18th Ed. 2580 B Field				06/13/2023 14:15
	Standard Methods 2320 B (Total) 1997, 2011				06/20/2023 9:40
	Standard Methods 2320 B 1997, 2011				06/20/2023 9:40
	Standard Methods 2510 B Field				06/13/2023 14:15
	Standard Methods 2540 C (Total) 1997, 2011				06/15/2023 11:03
	Standard Methods 2550 B Field				06/13/2023 14:15
	Standard Methods 4500-NO2 B (Total) 2000, 2011				06/14/2023 13:48
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 14:16
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 14:16
	Standard Methods 4500-O G Field				06/13/2023 14:15
	Standard Methods 4500-P E 1999				06/15/2023 9:42
	Standard Methods 4500-P E 1999, 2011				06/15/2023 9:42
	SW-846 9036 (Total)				06/16/2023 16:38
	SW-846 9040B Field				06/13/2023 14:15
	SW-846 9214 (Total)				06/21/2023 10:42
	SW-846 9251 (Total)				06/15/2023 21:50
23060002-011B	KIN-MW-12	06/13/2023 14:15	06/13/2023 17:15		
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 9:53
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 9:53
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				06/14/2023 14:04
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 15:22
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 15:22
	Standard Methods 4500-P E (Dissolved) 1999, 2011				06/15/2023 10:04
	Standard Methods 4500-P E (Dissolved) 1999				06/15/2023 10:04
	SW-846 9036 (Dissolved)				06/16/2023 13:57
	SW-846 9251 (Dissolved)				06/15/2023 16:52
23060002-011C	KIN-MW-12	06/13/2023 14:15	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/15/2023 16:33	06/21/2023 16:39
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/19/2023 11:42
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/26/2023 12:50



Dates Report

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	SW-846 7470A (Total)			06/20/2023 16:11	06/21/2023 12:15
23060002-011D	KIN-MW-12	06/13/2023 14:15	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/20/2023 18:44
23060002-011E	KIN-MW-12	06/13/2023 14:15	06/13/2023 17:15		
	SW-846 9060A				06/19/2023 20:42
23060002-011F	KIN-MW-12	06/13/2023 14:15	06/13/2023 17:15		
	SW-846 9060A				06/19/2023 17:32
23060002-012A	KIN-MW-12#S	06/12/2023 12:50	06/12/2023 17:20		
	Field Elevation Measurements				06/12/2023 12:50
23060002-013A	KIN-MW-12&D	06/12/2023 12:48	06/12/2023 17:20		
	Field Elevation Measurements				06/12/2023 12:48
23060002-014A	KIN-MW-20	06/13/2023 9:41	06/13/2023 17:15		
	Ferrous Iron by CHEMets Kit				06/13/2023 9:41
	Field Elevation Measurements				06/13/2023 9:41
	Standard Methods 2130 B Field				06/13/2023 9:41
	Standard Methods 18th Ed. 2580 B Field				06/13/2023 9:41
	Standard Methods 2320 B (Total) 1997, 2011				06/19/2023 13:08
	Standard Methods 2320 B 1997, 2011				06/19/2023 13:08
	Standard Methods 2510 B Field				06/13/2023 9:41
	Standard Methods 2540 C (Total) 1997, 2011				06/15/2023 11:03
	Standard Methods 2550 B Field				06/13/2023 9:41
	Standard Methods 4500-NO2 B (Total) 2000, 2011				06/14/2023 13:49
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 16:56
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 16:56
	Standard Methods 4500-O G Field				06/13/2023 9:41
	Standard Methods 4500-P E 1999				06/15/2023 7:10
	Standard Methods 4500-P E 1999, 2011				06/15/2023 7:10
	SW-846 9036 (Total)				06/15/2023 22:02
	SW-846 9040B Field				06/13/2023 9:41
	SW-846 9214 (Total)				06/21/2023 10:45
	SW-846 9251 (Total)				06/15/2023 21:58
23060002-014B	KIN-MW-20	06/13/2023 9:41	06/13/2023 17:15		
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 10:00
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 10:00
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				06/14/2023 14:04
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 16:58
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 16:58



Dates Report

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
	Standard Methods 4500-P E (Dissolved) 1999, 2011				06/15/2023 7:19
	Standard Methods 4500-P E (Dissolved) 1999				06/15/2023 7:19
	SW-846 9036 (Dissolved)				06/15/2023 17:31
	SW-846 9251 (Dissolved)				06/15/2023 17:26
23060002-014C	KIN-MW-20	06/13/2023 9:41	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/15/2023 16:33	06/21/2023 16:40
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/22/2023 19:07	06/23/2023 12:43
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/19/2023 11:47
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/26/2023 12:56
	SW-846 7470A (Total)			06/20/2023 16:11	06/21/2023 12:23
23060002-014D	KIN-MW-20	06/13/2023 9:41	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/20/2023 18:48
23060002-014E	KIN-MW-20	06/13/2023 9:41	06/13/2023 17:15		
	SW-846 9060A				06/19/2023 20:48
23060002-014F	KIN-MW-20	06/13/2023 9:41	06/13/2023 17:15		
	SW-846 9060A				06/19/2023 17:38
23060002-015A	KIN-MW-20#S	06/13/2023 10:05	06/13/2023 17:15		
	Ferrous Iron by CHEMets Kit				06/13/2023 10:05
	Field Elevation Measurements				06/13/2023 10:05
	Standard Methods 2130 B Field				06/13/2023 10:05
	Standard Methods 18th Ed. 2580 B Field				06/13/2023 10:05
	Standard Methods 2320 B (Total) 1997, 2011				06/19/2023 13:15
	Standard Methods 2320 B 1997, 2011				06/19/2023 13:15
	Standard Methods 2510 B Field				06/13/2023 10:05
	Standard Methods 2540 C (Total) 1997, 2011				06/15/2023 11:04
	Standard Methods 2550 B Field				06/13/2023 10:05
	Standard Methods 4500-NO2 B (Total) 2000, 2011				06/14/2023 17:34
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 0:00
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 17:36
	Standard Methods 4500-O G Field				06/13/2023 10:05
	Standard Methods 4500-P E 1999				06/15/2023 7:11
	Standard Methods 4500-P E 1999, 2011				06/15/2023 7:11
	SW-846 9036 (Total)				06/16/2023 17:07
	SW-846 9040B Field				06/13/2023 10:05
	SW-846 9214 (Total)				06/21/2023 10:47
	SW-846 9251 (Total)				06/15/2023 22:06
23060002-015B	KIN-MW-20#S	06/13/2023 10:05	06/13/2023 17:15		



Dates Report

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 10:08
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 10:08
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				06/14/2023 14:05
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 17:01
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 17:01
	Standard Methods 4500-P E (Dissolved) 1999, 2011				06/15/2023 7:20
	Standard Methods 4500-P E (Dissolved) 1999				06/15/2023 7:20
	SW-846 9036 (Dissolved)				06/16/2023 14:25
	SW-846 9251 (Dissolved)				06/15/2023 17:34
23060002-015C	KIN-MW-20#S	06/13/2023 10:05	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/15/2023 16:33	06/21/2023 16:42
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/22/2023 19:07	06/23/2023 12:43
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/19/2023 11:53
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/26/2023 13:01
	SW-846 7470A (Total)			06/20/2023 16:11	06/21/2023 12:31
23060002-015D	KIN-MW-20#S	06/13/2023 10:05	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/20/2023 19:10
23060002-015E	KIN-MW-20#S	06/13/2023 10:05	06/13/2023 17:15		
	SW-846 9060A				06/21/2023 12:18
23060002-015F	KIN-MW-20#S	06/13/2023 10:05	06/13/2023 17:15		
	SW-846 9060A				06/19/2023 17:45
23060002-016A	KIN-MW-23	06/12/2023 13:35	06/12/2023 17:20		
	Ferrous Iron by CHEMets Kit				06/12/2023 13:35
	Field Elevation Measurements				06/12/2023 13:35
	Standard Methods 2130 B Field				06/12/2023 13:35
	Standard Methods 18th Ed. 2580 B Field				06/12/2023 13:35
	Standard Methods 2320 B (Total) 1997, 2011				06/19/2023 13:22
	Standard Methods 2320 B 1997, 2011				06/19/2023 13:22
	Standard Methods 2510 B Field				06/12/2023 13:35
	Standard Methods 2540 C (Total) 1997, 2011				06/13/2023 11:32
	Standard Methods 2550 B Field				06/12/2023 13:35
	Standard Methods 4500-NO2 B (Total) 2000, 2011				06/13/2023 18:17
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/13/2023 15:47
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/13/2023 15:47
	Standard Methods 4500-O G Field				06/12/2023 13:35
	Standard Methods 4500-P E 1999				06/13/2023 15:27
	Standard Methods 4500-P E 1999, 2011				06/13/2023 15:27



Dates Report

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
	SW-846 9036 (Total)				06/15/2023 22:26
	SW-846 9040B Field				06/12/2023 13:35
	SW-846 9214 (Total)				06/21/2023 10:50
	SW-846 9251 (Total)				06/15/2023 22:27
23060002-016B	KIN-MW-23	06/12/2023 13:35	06/12/2023 17:20		
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 10:15
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 10:15
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				06/13/2023 18:04
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/13/2023 15:14
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/13/2023 15:14
	Standard Methods 4500-P E (Dissolved) 1999, 2011				06/13/2023 15:03
	Standard Methods 4500-P E (Dissolved) 1999				06/13/2023 15:03
	SW-846 9036 (Dissolved)				06/15/2023 17:41
	SW-846 9251 (Dissolved)				06/15/2023 17:42
23060002-016C	KIN-MW-23	06/12/2023 13:35	06/12/2023 17:20		
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/13/2023 22:22	06/19/2023 18:22
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/13/2023 22:22	06/26/2023 9:33
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/13/2023 22:22	06/15/2023 11:01
	SW-846 7470A (Total)			06/20/2023 16:11	06/21/2023 12:34
23060002-016D	KIN-MW-23	06/12/2023 13:35	06/12/2023 17:20		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/20/2023 19:14
23060002-016E	KIN-MW-23	06/12/2023 13:35	06/12/2023 17:20		
	SW-846 9060A				06/14/2023 18:47
23060002-016F	KIN-MW-23	06/12/2023 13:35	06/12/2023 17:20		
	SW-846 9060A				06/14/2023 16:59
23060002-017A	KIN-MW-27	06/12/2023 14:37	06/12/2023 17:20		
	Ferrous Iron by CHEMets Kit				06/12/2023 14:37
	Field Elevation Measurements				06/12/2023 14:37
	Standard Methods 2130 B Field				06/12/2023 14:37
	Standard Methods 18th Ed. 2580 B Field				06/12/2023 14:37
	Standard Methods 2510 B Field				06/12/2023 14:37
	Standard Methods 2550 B Field				06/12/2023 14:37
	Standard Methods 4500-O G Field				06/12/2023 14:37
	SW-846 9040B Field				06/12/2023 14:37
23060002-018A	KIN-MW-28	06/13/2023 13:27	06/13/2023 17:15		
	Ferrous Iron by CHEMets Kit				06/13/2023 13:27
	Field Elevation Measurements				06/13/2023 13:27



Dates Report

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	Standard Methods 2130 B Field				06/13/2023 13:27
	Standard Methods 18th Ed. 2580 B Field				06/13/2023 13:27
	Standard Methods 2320 B (Total) 1997, 2011				06/19/2023 13:29
	Standard Methods 2320 B 1997, 2011				06/19/2023 13:29
	Standard Methods 2510 B Field				06/13/2023 13:27
	Standard Methods 2540 C (Total) 1997, 2011				06/15/2023 11:04
	Standard Methods 2550 B Field				06/13/2023 13:27
	Standard Methods 4500-NO2 B (Total) 2000, 2011				06/14/2023 13:54
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 14:20
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 14:20
	Standard Methods 4500-O G Field				06/13/2023 13:27
	Standard Methods 4500-P E 1999				06/15/2023 9:44
	Standard Methods 4500-P E 1999, 2011				06/15/2023 9:44
	SW-846 9036 (Total)				06/16/2023 17:15
	SW-846 9040B Field				06/13/2023 13:27
	SW-846 9214 (Total)				06/21/2023 10:51
	SW-846 9251 (Total)				06/15/2023 22:36
23060002-018B	KIN-MW-28	06/13/2023 13:27	06/13/2023 17:15		
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 10:22
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 10:22
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				06/14/2023 14:05
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 15:35
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 15:35
	Standard Methods 4500-P E (Dissolved) 1999, 2011				06/15/2023 7:27
	Standard Methods 4500-P E (Dissolved) 1999				06/15/2023 7:27
	SW-846 9036 (Dissolved)				06/20/2023 11:25
	SW-846 9251 (Dissolved)				06/15/2023 18:06
23060002-018C	KIN-MW-28	06/13/2023 13:27	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/15/2023 16:33	06/21/2023 16:43
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/19/2023 11:59
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/26/2023 13:30
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/27/2023 8:18
	SW-846 7470A (Total)			06/20/2023 16:11	06/21/2023 12:36
23060002-018D	KIN-MW-28	06/13/2023 13:27	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/20/2023 19:17
23060002-018E	KIN-MW-28	06/13/2023 13:27	06/13/2023 17:15		
	SW-846 9060A				06/19/2023 21:45



Dates Report

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23060002-018F	KIN-MW-28	06/13/2023 13:27	06/13/2023 17:15		
	SW-846 9060A				06/19/2023 17:51
23060002-019A	KIN-MW-30	06/13/2023 12:32	06/13/2023 17:15		
	Ferrous Iron by CHEMets Kit				06/13/2023 12:32
	Field Elevation Measurements				06/13/2023 12:32
	Standard Methods 2130 B Field				06/13/2023 12:32
	Standard Methods 18th Ed. 2580 B Field				06/13/2023 12:32
	Standard Methods 2320 B (Total) 1997, 2011				06/19/2023 13:36
	Standard Methods 2320 B 1997, 2011				06/19/2023 13:36
	Standard Methods 2510 B Field				06/13/2023 12:32
	Standard Methods 2540 C (Total) 1997, 2011				06/15/2023 11:46
	Standard Methods 2550 B Field				06/13/2023 12:32
	Standard Methods 4500-NO2 B (Total) 2000, 2011				06/14/2023 13:57
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 14:22
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 14:22
	Standard Methods 4500-O G Field				06/13/2023 12:32
	Standard Methods 4500-P E 1999				06/15/2023 10:50
	Standard Methods 4500-P E 1999, 2011				06/15/2023 7:37
	SW-846 9036 (Total)				06/20/2023 11:27
	SW-846 9040B Field				06/13/2023 12:32
	SW-846 9214 (Total)				06/21/2023 11:40
	SW-846 9251 (Total)				06/15/2023 22:43
23060002-019B	KIN-MW-30	06/13/2023 12:32	06/13/2023 17:15		
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 10:30
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 10:30
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				06/14/2023 14:06
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 15:37
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 15:37
	Standard Methods 4500-P E (Dissolved) 1999, 2011				06/15/2023 10:52
	Standard Methods 4500-P E (Dissolved) 1999				06/15/2023 10:52
	SW-846 9036 (Dissolved)				06/15/2023 18:17
	SW-846 9251 (Dissolved)				06/15/2023 18:17
23060002-019C	KIN-MW-30	06/13/2023 12:32	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/15/2023 16:33	06/21/2023 16:45
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/19/2023 12:04
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/26/2023 13:36
	SW-846 7470A (Total)			06/20/2023 16:11	06/21/2023 12:39



Dates Report

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time	
Test Name						
23060002-019D	KIN-MW-30	06/13/2023 12:32	06/13/2023 17:15			
SW-846 3005A, 6010B, Metals by ICP (Dissolved)						06/18/2023 11:30 06/20/2023 19:21
23060002-019E	KIN-MW-30	06/13/2023 12:32	06/13/2023 17:15			
SW-846 9060A						06/19/2023 21:52
23060002-019F	KIN-MW-30	06/13/2023 12:32	06/13/2023 17:15			
SW-846 9060A						06/19/2023 18:29
23060002-020A	KIN-MW-31	06/13/2023 11:58	06/13/2023 17:15			
Ferrous Iron by CHEMets Kit						06/13/2023 11:58
Field Elevation Measurements						06/13/2023 11:58
Standard Methods 2130 B Field						06/13/2023 11:58
Standard Methods 18th Ed. 2580 B Field						06/13/2023 11:58
Standard Methods 2320 B (Total) 1997, 2011						06/19/2023 13:43
Standard Methods 2320 B 1997, 2011						06/19/2023 13:43
Standard Methods 2510 B Field						06/13/2023 11:58
Standard Methods 2540 C (Total) 1997, 2011						06/15/2023 11:46
Standard Methods 2550 B Field						06/13/2023 11:58
Standard Methods 4500-NO2 B (Total) 2000, 2011						06/14/2023 13:58
Standard Methods 4500-NO3 F (Total) 2000, 2011						06/14/2023 14:24
Standard Methods 4500-NO3 F (Total) 2000, 2011						06/14/2023 14:24
Standard Methods 4500-O G Field						06/13/2023 11:58
Standard Methods 4500-P E 1999						06/15/2023 7:12
Standard Methods 4500-P E 1999, 2011						06/15/2023 7:12
SW-846 9036 (Total)						06/15/2023 22:51
SW-846 9040B Field						06/13/2023 11:58
SW-846 9214 (Total)						06/21/2023 10:54
SW-846 9251 (Total)						06/15/2023 22:51
23060002-020B	KIN-MW-31	06/13/2023 11:58	06/13/2023 17:15			
Standard Methods 2320 B (Dissolved) 1997, 2011						06/19/2023 10:38
Standard Methods 2320 B (Dissolved) 1997, 2011						06/19/2023 10:38
Standard Methods 4500-NO2 B (Dissolved) 2000, 2011						06/14/2023 14:06
Standard Methods 4500-NO3 F (Dissolved) 2000, 2011						06/14/2023 15:39
Standard Methods 4500-NO3 F (Dissolved) 2000, 2011						06/14/2023 15:39
Standard Methods 4500-P E (Dissolved) 1999, 2011						06/15/2023 7:23
Standard Methods 4500-P E (Dissolved) 1999						06/15/2023 7:23
SW-846 9036 (Dissolved)						06/15/2023 18:37
SW-846 9251 (Dissolved)						06/15/2023 18:38
23060002-020C	KIN-MW-31	06/13/2023 11:58	06/13/2023 17:15			



Dates Report

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/15/2023 16:33	06/21/2023 16:59
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/22/2023 19:07	06/23/2023 12:44
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/19/2023 12:16
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/26/2023 14:09
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/27/2023 8:52
	SW-846 7470A (Total)			06/20/2023 16:11	06/21/2023 12:42
23060002-020D	KIN-MW-31	06/13/2023 11:58	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/20/2023 19:32
23060002-020E	KIN-MW-31	06/13/2023 11:58	06/13/2023 17:15		
	SW-846 9060A				06/19/2023 21:58
23060002-020F	KIN-MW-31	06/13/2023 11:58	06/13/2023 17:15		
	SW-846 9060A				06/19/2023 18:48
23060002-021A	KIN-MW-31#S	06/13/2023 11:40	06/13/2023 17:15		
	Ferrous Iron by CHEMets Kit				06/13/2023 11:40
	Field Elevation Measurements				06/13/2023 11:40
	Standard Methods 2130 B Field				06/13/2023 11:40
	Standard Methods 18th Ed. 2580 B Field				06/13/2023 11:40
	Standard Methods 2510 B Field				06/13/2023 11:40
	Standard Methods 2550 B Field				06/13/2023 11:40
	Standard Methods 4500-O G Field				06/13/2023 11:40
	SW-846 9040B Field				06/13/2023 11:40
23060002-022A	KIN-MW-32	06/13/2023 10:32	06/13/2023 17:15		
	Ferrous Iron by CHEMets Kit				06/13/2023 10:32
	Field Elevation Measurements				06/13/2023 10:32
	Standard Methods 2130 B Field				06/13/2023 10:32
	Standard Methods 18th Ed. 2580 B Field				06/13/2023 10:32
	Standard Methods 2320 B (Total) 1997, 2011				06/19/2023 13:50
	Standard Methods 2320 B 1997, 2011				06/19/2023 13:50
	Standard Methods 2510 B Field				06/13/2023 10:32
	Standard Methods 2540 C (Total) 1997, 2011				06/15/2023 11:46
	Standard Methods 2550 B Field				06/13/2023 10:32
	Standard Methods 4500-NO2 B (Total) 2000, 2011				06/14/2023 13:58
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 14:40
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 14:40
	Standard Methods 4500-O G Field				06/13/2023 10:32
	Standard Methods 4500-P E 1999				06/15/2023 7:13
	Standard Methods 4500-P E 1999, 2011				06/15/2023 7:13



Dates Report

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW-846 9036 (Total)				06/16/2023 17:18
	SW-846 9040B Field				06/13/2023 10:32
	SW-846 9214 (Total)				06/21/2023 10:56
	SW-846 9251 (Total)				06/15/2023 22:59
23060002-022B	KIN-MW-32	06/13/2023 10:32	06/13/2023 17:15		
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 10:45
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 10:45
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				06/14/2023 14:07
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 15:55
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 15:55
	Standard Methods 4500-P E (Dissolved) 1999, 2011				06/15/2023 7:24
	Standard Methods 4500-P E (Dissolved) 1999				06/15/2023 7:24
	SW-846 9036 (Dissolved)				06/16/2023 15:21
	SW-846 9251 (Dissolved)				06/15/2023 19:00
23060002-022C	KIN-MW-32	06/13/2023 10:32	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/15/2023 16:33	06/21/2023 16:47
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/19/2023 12:10
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/26/2023 13:41
	SW-846 7470A (Total)			06/20/2023 16:11	06/21/2023 12:44
23060002-022D	KIN-MW-32	06/13/2023 10:32	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/20/2023 19:36
23060002-022E	KIN-MW-32	06/13/2023 10:32	06/13/2023 17:15		
	SW-846 9060A				06/19/2023 22:04
23060002-022F	KIN-MW-32	06/13/2023 10:32	06/13/2023 17:15		
	SW-846 9060A				06/19/2023 18:54
23060002-023A	KIN-PZ4!C	06/13/2023 11:23	06/13/2023 17:15		
	Ferrous Iron by CHEMets Kit				06/13/2023 11:23
	Field Elevation Measurements				06/13/2023 11:23
	Standard Methods 2130 B Field				06/13/2023 11:23
	Standard Methods 18th Ed. 2580 B Field				06/13/2023 11:23
	Standard Methods 2320 B (Total) 1997, 2011				06/20/2023 9:54
	Standard Methods 2320 B 1997, 2011				06/20/2023 9:54
	Standard Methods 2510 B Field				06/13/2023 11:23
	Standard Methods 2540 C (Total) 1997, 2011				06/15/2023 11:46
	Standard Methods 2550 B Field				06/13/2023 11:23
	Standard Methods 4500-NO2 B (Total) 2000, 2011				06/14/2023 13:58
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 14:42



Dates Report

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 14:42
	Standard Methods 4500-O G Field				06/13/2023 11:23
	Standard Methods 4500-P E 1999				06/15/2023 7:15
	Standard Methods 4500-P E 1999, 2011				06/15/2023 7:15
	SW-846 9036 (Total)				06/15/2023 23:25
	SW-846 9040B Field				06/13/2023 11:23
	SW-846 9214 (Total)				06/21/2023 10:59
	SW-846 9251 (Total)				06/15/2023 23:21
23060002-023B	KIN-PZ4!C	06/13/2023 11:23	06/13/2023 17:15		
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 10:53
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 10:53
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				06/14/2023 14:08
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 15:57
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 15:57
	Standard Methods 4500-P E (Dissolved) 1999, 2011				06/15/2023 7:25
	Standard Methods 4500-P E (Dissolved) 1999				06/15/2023 7:25
	SW-846 9036 (Dissolved)				06/15/2023 19:12
	SW-846 9214 (Dissolved)				06/21/2023 11:21
	SW-846 9251 (Dissolved)				06/15/2023 19:08
23060002-023C	KIN-PZ4!C	06/13/2023 11:23	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/15/2023 16:33	06/21/2023 17:03
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/22/2023 19:07	06/23/2023 12:46
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/19/2023 13:29
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/21/2023 2:08
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/26/2023 13:47
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/27/2023 8:30
	SW-846 7470A (Total)			06/21/2023 17:11	06/22/2023 11:08
23060002-023D	KIN-PZ4!C	06/13/2023 11:23	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/20/2023 19:58
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/18/2023 11:30	06/21/2023 16:14
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			06/18/2023 11:30	06/19/2023 13:35
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			06/18/2023 11:30	06/21/2023 1:33
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			06/18/2023 11:30	06/27/2023 9:54
	SW-846 7470A (Dissolved)			06/21/2023 17:11	06/22/2023 11:10
23060002-023E	KIN-PZ4!C	06/13/2023 11:23	06/13/2023 17:15		
	SW-846 9060A				06/19/2023 22:11
23060002-023F	KIN-PZ4!C	06/13/2023 11:23	06/13/2023 17:15		



Dates Report

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	SW-846 9060A				06/19/2023 19:01
23060002-028A	KIN-XSG-01	06/12/2023 11:21	06/12/2023 17:20		
	Field Elevation Measurements				06/12/2023 11:21
23060002-029A	KIN-YSG-02	06/12/2023 11:15	06/12/2023 17:20		
	Field Elevation Measurements				06/12/2023 11:15
23060002-030A	KIN-MW-08 Duplicate	06/12/2023 14:10	06/12/2023 17:20		
	Ferrous Iron by CHEMets Kit				06/12/2023 14:10
	Field Elevation Measurements				06/12/2023 14:10
	Standard Methods 2130 B Field				06/12/2023 14:10
	Standard Methods 18th Ed. 2580 B Field				06/12/2023 14:10
	Standard Methods 2320 B (Total) 1997, 2011				06/20/2023 10:26
	Standard Methods 2320 B 1997, 2011				06/20/2023 10:26
	Standard Methods 2510 B Field				06/12/2023 14:10
	Standard Methods 2540 C (Total) 1997, 2011				06/13/2023 11:32
	Standard Methods 2550 B Field				06/12/2023 14:10
	Standard Methods 4500-NO2 B (Total) 2000, 2011				06/13/2023 18:17
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/13/2023 15:49
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/13/2023 15:49
	Standard Methods 4500-O G Field				06/12/2023 14:10
	Standard Methods 4500-P E 1999				06/13/2023 15:29
	Standard Methods 4500-P E 1999, 2011				06/13/2023 15:29
	SW-846 9036 (Total)				06/16/2023 17:58
	SW-846 9040B Field				06/12/2023 14:10
	SW-846 9214 (Total)				06/21/2023 11:16
	SW-846 9251 (Total)				06/16/2023 0:14
23060002-030B	KIN-MW-08 Duplicate	06/12/2023 14:10	06/12/2023 17:20		
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 11:47
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 11:47
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				06/13/2023 18:04
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/13/2023 15:16
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/13/2023 15:16
	Standard Methods 4500-P E (Dissolved) 1999, 2011				06/13/2023 15:10
	Standard Methods 4500-P E (Dissolved) 1999				06/13/2023 15:10
	SW-846 9036 (Dissolved)				06/16/2023 15:45
	SW-846 9251 (Dissolved)				06/15/2023 20:01
23060002-030C	KIN-MW-08 Duplicate	06/12/2023 14:10	06/12/2023 17:20		
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/15/2023 16:33	06/21/2023 17:11



Dates Report

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/19/2023 14:03
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/26/2023 15:28
	SW-846 7470A (Total)			06/21/2023 17:11	06/22/2023 11:32
23060002-030D	KIN-MW-08 Duplicate	06/12/2023 14:10	06/12/2023 17:20		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/19/2023 19:16	06/21/2023 17:01
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/19/2023 19:16	06/26/2023 8:41
23060002-030E	KIN-MW-08 Duplicate	06/12/2023 14:10	06/12/2023 17:20		
	SW-846 9060A				06/14/2023 18:52
23060002-030F	KIN-MW-08 Duplicate	06/12/2023 14:10	06/12/2023 17:20		
	SW-846 9060A				06/14/2023 17:06
23060002-031A	Field Blank	06/13/2023 13:54	06/13/2023 17:15		
	Standard Methods 2320 B (Total) 1997, 2011				06/20/2023 10:33
	Standard Methods 2320 B 1997, 2011				06/20/2023 10:33
	Standard Methods 2540 C (Total) 1997, 2011				06/15/2023 11:48
	Standard Methods 4500-NO2 B (Total) 2000, 2011				06/14/2023 13:59
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 14:59
	Standard Methods 4500-NO3 F (Total) 2000, 2011				06/14/2023 14:59
	Standard Methods 4500-P E 1999				06/15/2023 9:58
	Standard Methods 4500-P E 1999, 2011				06/15/2023 9:58
	SW-846 9036 (Total)				06/16/2023 18:06
	SW-846 9214 (Total)				06/21/2023 11:18
	SW-846 9251 (Total)				06/16/2023 0:22
23060002-031B	Field Blank	06/13/2023 13:54	06/13/2023 17:15		
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 11:54
	Standard Methods 2320 B (Dissolved) 1997, 2011				06/19/2023 11:54
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				06/14/2023 14:10
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 16:25
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				06/14/2023 16:25
	Standard Methods 4500-P E (Dissolved) 1999, 2011				06/15/2023 10:14
	Standard Methods 4500-P E (Dissolved) 1999				06/15/2023 10:14
	SW-846 9036 (Dissolved)				06/16/2023 0:29
	SW-846 9214 (Dissolved)				06/21/2023 11:29
	SW-846 9251 (Dissolved)				06/16/2023 0:30
23060002-031C	Field Blank	06/13/2023 13:54	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Total)			06/15/2023 16:33	06/21/2023 17:24
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/19/2023 14:09
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			06/15/2023 16:33	06/26/2023 15:17



Dates Report

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
	SW-846 7470A (Total)			06/21/2023 17:11	06/22/2023 11:35
23060002-031D	Field Blank	06/13/2023 13:54	06/13/2023 17:15		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/19/2023 19:16	06/21/2023 17:03
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			06/19/2023 19:16	06/26/2023 9:09
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			06/19/2023 19:16	06/21/2023 10:52
	SW-846 7470A (Dissolved)			06/21/2023 17:11	06/22/2023 11:37
23060002-031E	Field Blank	06/13/2023 13:54	06/13/2023 17:15		
	SW-846 9060A				06/19/2023 23:14
23060002-031F	Field Blank	06/13/2023 13:54	06/13/2023 17:15		
	SW-846 9060A				06/19/2023 20:04



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

STANDARD METHODS 2510 B FIELD

Batch R330342 SampType: LCS Units $\mu\text{S/cm}$

SampID: LCS-R330342

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		1410	1412	0	100.1	90	110	06/12/2023
Spec. Conductance, Field	*	0		1430	1412	0	101.0	90	110	06/12/2023
Spec. Conductance, Field	*	0		1420	1412	0	100.7	90	110	06/13/2023
Spec. Conductance, Field	*	0		1410	1412	0	100.0	90	110	06/13/2023

SW-846 9040B FIELD

Batch R330342 SampType: LCS Units

SampID: LCS-R330342

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		7.09	7.000	0	101.3	98.57	101.4	06/12/2023
pH	*	1.00		7.06	7.000	0	100.9	98.57	101.4	06/12/2023
pH	*	1.00		7.05	7.000	0	100.7	98.57	101.4	06/13/2023
pH	*	1.00		7.10	7.000	0	101.4	98.57	101.4	06/13/2023

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R330218 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	06/13/2023

Batch R330218 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		922	1000	0	92.2	90	110	06/13/2023

Batch R330218 SampType: DUP Units mg/L

SampID: 23060002-030ADUP

RPD Limit: 10

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		814				810.0	0.49	06/13/2023

Batch R330392 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	06/15/2023
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	06/15/2023



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R330392		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		924	1000	0	92.4	90	110	06/15/2023
Total Dissolved Solids		20		964	1000	0	96.4	90	110	06/15/2023

Batch R330392		SampType: DUP		Units mg/L							RPD Limit: 10
SampID: 23060002-018ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Dissolved Solids		20		1820				1772	2.78	06/15/2023	

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

Batch R330195		SampType: MS		Units mg/L						
SampID: 23060002-001BMS										
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	109.4	85	115	06/13/2023

Batch R330195		SampType: MSD		Units mg/L							RPD Limit: 10
SampID: 23060002-001BMDS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0	106.4	0.5470	2.78	06/13/2023	

Batch R330195		SampType: MS		Units mg/L						
SampID: 23060002-002BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0	106.8	85	115	06/13/2023

Batch R330195		SampType: MSD		Units mg/L							RPD Limit: 10
SampID: 23060002-002BMDS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0	106.6	0.5340	0.19	06/13/2023	

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

Batch R330195		SampType: MBLK		Units mg/L						
SampID: MBLK										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	06/13/2023
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	06/13/2023



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch R330195		SampType: MBLK		Units mg/Kg							
SampID: MB-R330195											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.50		< 0.50	0.0250	0	0	-100	100	06/13/2023	

Batch R330195		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)		0.25		0.67	0.6510	0	102.9	90	110	06/13/2023	
Nitrogen, Nitrite (as N)		0.25		0.67	0.6510	0	102.9	90	110	06/13/2023	

Batch R330195		SampType: LCS		Units mg/Kg							
SampID: LCS-R330195											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		2.50	J	0.67	0.6510	0	102.9	90	110	06/13/2023	

Batch R330195		SampType: MS		Units mg/L							
SampID: 23060002-003AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0	106.0	85	115	06/14/2023	

Batch R330195		SampType: MSD		Units mg/L							
SampID: 23060002-003AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0	106.6	0.5300	0.56	06/14/2023	

Batch R330195		SampType: MS		Units mg/L							
SampID: 23060002-005AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.54	0.5000	0	107.2	85	115	06/14/2023	

Batch R330195		SampType: MSD		Units mg/L							
SampID: 23060002-005AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.54	0.5000	0	108.2	0.5360	0.93	06/14/2023	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2

Work Order: 23060002
Report Date: 04-Aug-23

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

Batch R330195		SampType: MS		Units mg/L							Date Analyzed
SampID: 23060002-014AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0	106.0	85	115	06/14/2023	

Batch R330195		SampType: MSD		Units mg/L		RPD Limit: 10					Date Analyzed
SampID: 23060002-014AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0	106.6	0.5300	0.56	06/14/2023	

Batch R330195		SampType: MS		Units mg/L							Date Analyzed
SampID: 23060002-022AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0	106.0	85	115	06/14/2023	

Batch R330195		SampType: MSD		Units mg/L		RPD Limit: 10					Date Analyzed
SampID: 23060002-022AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrite (as N)		0.05		0.54	0.5000	0	107.4	0.5300	1.31	06/14/2023	

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

Batch R330192		SampType: MS		Units mg/L							Date Analyzed
SampID: 23060002-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.243	0.2500	0	97.2	85	115	06/13/2023	

Batch R330192		SampType: MSD		Units mg/L		RPD Limit: 10					Date Analyzed
SampID: 23060002-001BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.240	0.2500	0	96.0	0.2430	1.24	06/13/2023	

Batch R330248		SampType: MS		Units mg/L							Date Analyzed
SampID: 23060002-015BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.500		6.23	2.500	3.994	89.3	85	115	06/14/2023	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2

Work Order: 23060002
Report Date: 04-Aug-23

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

Batch R330248		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 23060002-015BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.500		6.16	2.500	3.994	86.6	6.226	1.07	06/14/2023	

Batch R330248		SampType: MS		Units mg/L							
SampID: 23060002-027BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	0.205	0.2500	0.01700	75.2	85	115	06/14/2023	

Batch R330248		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 23060002-027BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	0.217	0.2500	0.01700	80.0	0.2050	5.69	06/14/2023	

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

Batch R330192		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						06/13/2023	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	06/13/2023	

Batch R330192		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		0.483	0.5000	0	96.6	90	110	06/13/2023	

Batch R330192		SampType: MS		Units mg/L							
SampID: 23060002-006AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.246	0.2500	0	98.4	85	115	06/13/2023	

Batch R330192		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 23060002-006AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.247	0.2500	0	98.8	0.2460	0.41	06/13/2023	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2

Work Order: 23060002
Report Date: 04-Aug-23

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

Batch R330248		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						06/14/2023	
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	06/14/2023	

Batch R330248		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		0.512	0.5000	0	102.4	90	110	06/14/2023	

Batch R330248		SampType: MS		Units mg/L							
SampID: 23060002-003AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.258	0.2500	0.02100	94.8	85	115	06/14/2023	

Batch R330248		SampType: MSD		Units mg/L							
SampID: 23060002-003AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.257	0.2500	0.02100	94.4	0.2580	0.39	06/14/2023	

Batch R330248		SampType: MS		Units mg/L							
SampID: 23060002-015AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.259	0.2500	0.02000	95.6	85	115	06/14/2023	

Batch R330248		SampType: MSD		Units mg/L							
SampID: 23060002-015AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.258	0.2500	0.02000	95.2	0.2590	0.39	06/14/2023	

Batch R330248		SampType: MS		Units mg/L							
SampID: 23060002-026AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.434	0.2500	0.1830	100.4	85	115	06/14/2023	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2

Work Order: 23060002
Report Date: 04-Aug-23

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

Batch R330248		SampType: MSD		Units mg/L			RPD Limit: 10			
SampID: 23060002-026AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.440	0.2500	0.1830	102.8	0.4340	1.37	06/14/2023

Batch R330378		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-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	06/15/2023

Batch R330378		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	06/15/2023

STANDARD METHODS 4500-P E (DISSOLVED) 1999, 2011

Batch R330211		SampType: MS		Units mg/L						
SampID: 23060002-016BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)	*	0.010		0.048	0.0500	0	96.0	85	115	06/13/2023

Batch R330211		SampType: MSD		Units mg/L			RPD Limit: 10			
SampID: 23060002-016BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)	*	0.010		0.048	0.0500	0	96.0	0.04800	0.00	06/13/2023

Batch R330344		SampType: MS		Units mg/L						
SampID: 23060002-018BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)	*	0.010		0.048	0.0500	0	96.0	85	115	06/15/2023

Batch R330344		SampType: MSD		Units mg/L			RPD Limit: 10			
SampID: 23060002-018BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)	*	0.010		0.048	0.0500	0	96.0	0.04800	0.00	06/15/2023



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2

Work Order: 23060002
Report Date: 04-Aug-23

STANDARD METHODS 4500-P E (DISSOLVED) 1999, 2011

Batch R330344		SampType: MS		Units mg/L							Date Analyzed
SampID: 23060002-026BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phosphorus, Orthophosphate (as P)	*	0.010		0.054	0.0500	0.007000	94.0	85	115	06/15/2023	

Batch R330344		SampType: MSD		Units mg/L		RPD Limit: 10					Date Analyzed
SampID: 23060002-026BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Phosphorus, Orthophosphate (as P)	*	0.010		0.056	0.0500	0.007000	98.0	0.05400	3.64	06/15/2023	

STANDARD METHODS 4500-P E 1999, 2011

Batch R330211		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phosphorus, Orthophosphate (as P)	*	0.010		< 0.010	0.0020	0	0	-100	100	06/13/2023	

Batch R330211		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phosphorus, Orthophosphate (as P)	*	0.010		0.101	0.1000	0	101.0	90	110	06/13/2023	

Batch R330211		SampType: MS		Units mg/L							Date Analyzed
SampID: 23060002-008AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phosphorus, Orthophosphate (as P)	*	0.010		0.050	0.0500	0	100.0	85	115	06/13/2023	

Batch R330211		SampType: MSD		Units mg/L		RPD Limit: 10					Date Analyzed
SampID: 23060002-008AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Phosphorus, Orthophosphate (as P)	*	0.010		0.051	0.0500	0	102.0	0.05000	1.98	06/13/2023	

Batch R330344		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phosphorus, Orthophosphate (as P)	*	0.010		< 0.010	0.0020	0	0	-100	100	06/15/2023	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2

Work Order: 23060002
Report Date: 04-Aug-23

STANDARD METHODS 4500-P E 1999, 2011

Batch R330344		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.097	0.1000	0	97.0	90	110	06/15/2023	

Batch R330344		SampType: MS		Units mg/L							
SampID: 23060002-005AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.059	0.0500	0.01500	88.0	85	115	06/15/2023	

Batch R330344		SampType: MSD		Units mg/L						RPD Limit: 10		Date Analyzed
SampID: 23060002-005AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Phosphorus, Orthophosphate (as P)	*	0.010		0.064	0.0500	0.01500	98.0	0.05900	8.13	06/15/2023		

Batch R330344		SampType: MS		Units mg/L							
SampID: 23060002-019AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Orthophosphate (as P)	*	0.010		0.064	0.0500	0.01100	106.0	85	115	06/15/2023	

Batch R330344		SampType: MSD		Units mg/L						RPD Limit: 10		Date Analyzed
SampID: 23060002-019AMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Phosphorus, Orthophosphate (as P)	*	0.010		0.063	0.0500	0.01100	104.0	0.06400	1.57	06/15/2023		

SW-846 9036 (DISSOLVED)

Batch R330335		SampType: MS		Units mg/L							
SampID: 23060002-019BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10	S	23	20.00	8.080	72.7	85	115	06/15/2023	

Batch R330335		SampType: MSD		Units mg/L						RPD Limit: 10		Date Analyzed
SampID: 23060002-019BMMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Sulfate		10	S	22	20.00	8.080	70.4	22.61	1.97	06/15/2023		



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

SW-846 9036 (DISSOLVED)

Batch R330416		SampType: MS		Units mg/L							Date Analyzed
SampID: 23060002-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Sulfate		20	E	117	40.00	82.70	85.8	85	115	06/17/2023	

Batch R330416		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23060002-001BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Sulfate		20	E	118	40.00	82.70	87.6	117.0	0.61	06/17/2023		

Batch R330416		SampType: MS		Units mg/L							Date Analyzed
SampID: 23060002-011BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Sulfate		200		770	400.0	385.3	96.2	85	115	06/16/2023	

Batch R330416		SampType: MSD		Units mg/L							RPD Limit: 10	Date Analyzed
SampID: 23060002-011BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Sulfate		200		759	400.0	385.3	93.5	770.1	1.43	06/16/2023		

SW-846 9036 (TOTAL)

Batch R330335		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Sulfate		10		< 10	6.140	0	0	-100	100	06/15/2023	

Batch R330335		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Sulfate		10		20	20.00	0	99.8	90	110	06/15/2023	

Batch R330335		SampType: MS		Units mg/L							Date Analyzed
SampID: 23060002-002AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Sulfate		50		238	100.0	148.7	89.3	85	115	06/15/2023	



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

SW-846 9036 (TOTAL)

Batch R330335		SampType: MSD		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 23060002-002AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Sulfate		50		247	100.0	148.7	97.8	238.0	3.52	06/15/2023	

Batch R330335		SampType: MS		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 23060002-003AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		50		224	100.0	130.0	94.3	85	115	06/16/2023	

Batch R330335		SampType: MSD		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 23060002-003AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Sulfate		50		232	100.0	130.0	101.9	224.4	3.31	06/16/2023	

Batch R330416		SampType: MBLK		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		< 10	6.140	0	0	-100	100	06/16/2023	

Batch R330416		SampType: LCS		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: ICB/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		19	20.00	0	95.8	90	110	06/16/2023	

Batch R330416		SampType: MS		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 23060002-006AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		50	E	273	100.0	185.2	87.8	85	115	06/16/2023	

Batch R330416		SampType: MSD		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 23060002-006AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Sulfate		50	E	274	100.0	185.2	88.7	273.0	0.32	06/16/2023	

Batch R330562		SampType: MBLK		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		< 10	6.140	0	0	-100	100	06/20/2023	



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

SW-846 9036 (TOTAL)

Batch R330562		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfate		10		19	20.00	0	92.8	90	110	06/20/2023	

SW-846 9060A

Batch R330303		SampType: MBLK		Units mg/L							
SampID: Filter Blank											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		< 1.0	0.4500	0	0	-100	100	06/14/2023	

Batch R330303		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		< 1.0	0.4500	0	0	-100	100	06/14/2023	

Batch R330303		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		4.7	5.000	0	93.2	90	110	06/14/2023	

Batch R330303		SampType: MS		Units mg/L							
SampID: 23060002-001FMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Dissolved Organic Carbon		1.0		5.6	5.000	0.8300	94.4	85	115	06/14/2023	

Batch R330303		SampType: MSD		Units mg/L							
SampID: 23060002-001FMDS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Dissolved Organic Carbon		1.0		5.6	5.000	0.8300	96.0	5.550	1.43	06/14/2023	

Batch R330303		SampType: MS		Units mg/L							
SampID: 23060002-002EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0	S	8.4	5.000	2.590	117.0	85	115	06/14/2023	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2

Work Order: 23060002
Report Date: 04-Aug-23

SW-846 9060A

Batch R330303		SampType: MSD		Units mg/L			RPD Limit: 10				Date Analyzed
SampID: 23060002-002EMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)		1.0		8.0	5.000	2.590	107.2	8.440	5.98	06/14/2023	

Batch R330486		SampType: MBLK		Units mg/L							Date Analyzed
SampID: Filter Blank											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Organic Carbon (TOC)		1.0		< 1.0	0.4500	0	0	-100	100	06/20/2023	

Batch R330486		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Organic Carbon (TOC)		1.0		< 1.0	0.4500	0	0	-100	100	06/19/2023	

Batch R330486		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Organic Carbon (TOC)		1.0		4.9	5.000	0	97.6	90	110	06/19/2023	

Batch R330486		SampType: MS		Units mg/L							Date Analyzed
SampID: 23060002-003EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Organic Carbon (TOC)		1.0		5.6	5.000	1.350	85.4	85	115	06/19/2023	

Batch R330486		SampType: MSD		Units mg/L			RPD Limit: 10				Date Analyzed
SampID: 23060002-003EMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)		1.0		5.7	5.000	1.350	86.4	5.620	0.89	06/19/2023	

Batch R330486		SampType: MS		Units mg/L							Date Analyzed
SampID: 23060002-019FMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Dissolved Organic Carbon		1.0		7.6	5.000	3.310	85.6	85	115	06/19/2023	

Batch R330486		SampType: MSD		Units mg/L			RPD Limit: 10				Date Analyzed
SampID: 23060002-019FMDS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Dissolved Organic Carbon		1.0		7.7	5.000	3.310	87.2	7.590	1.05	06/19/2023	



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

SW-846 9060A

Batch R330596		SampType: MBLK		Units mg/L							
SampID: Filter Blank											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		< 1.0	0.4500	0	0	-100	100	06/21/2023	

Batch R330596		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		< 1.0	0.4500	0	0	-100	100	06/21/2023	

Batch R330596		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		4.9	5.000	0	97.6	90	110	06/21/2023	

Batch R330596		SampType: MS		Units mg/L							
SampID: 23060002-003FMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Dissolved Organic Carbon		1.0		5.9	5.000	1.140	95.0	85	115	06/21/2023	

Batch R330596		SampType: MSD		Units mg/L							
SampID: 23060002-003FMMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Dissolved Organic Carbon		1.0		5.8	5.000	1.140	93.8	5.890	1.02	06/21/2023	

Batch R330596		SampType: MS		Units mg/L							
SampID: 23060002-015EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		6.3	5.000	1.510	96.2	85	115	06/21/2023	

Batch R330596		SampType: MSD		Units mg/L							
SampID: 23060002-015EMMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Organic Carbon (TOC)		1.0		6.2	5.000	1.510	94.0	6.320	1.76	06/21/2023	

Batch R330847		SampType: MBLK		Units mg/L							
SampID: Filter Blank											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		< 1.0	0.4500	0	0	-100	100	06/26/2023	



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

SW-846 9060A

Batch R330847		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Organic Carbon (TOC)		1.0		< 1.0	0.4500	0	0	-100	100	06/26/2023	

Batch R330847		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Organic Carbon (TOC)		1.0		4.8	5.000	0	95.8	90	110	06/26/2023	

SW-846 9214 (DISSOLVED)

Batch R330565		SampType: MS		Units mg/L							Date Analyzed
SampID: 23060002-031BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.10		1.96	2.000	0	98.2	75	125	06/21/2023	

Batch R330565		SampType: MSD		Units mg/L							RPD Limit: 15	Date Analyzed
SampID: 23060002-031BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Fluoride		0.10		1.96	2.000	0	97.9	1.965	0.36	06/21/2023		

SW-846 9214 (TOTAL)

Batch R330565		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.10		< 0.10	0.0500	0	0	-100	100	06/21/2023	

Batch R330565		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.10		1.00	1.000	0	100.0	90	110	06/21/2023	

Batch R330565		SampType: MS		Units mg/L							Date Analyzed
SampID: 23060002-010AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.10		2.62	2.000	0.4800	107.2	75	125	06/21/2023	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

SW-846 9214 (TOTAL)

Batch R330565		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 23060002-010AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Fluoride		0.10		2.64	2.000	0.4800	108.0	2.625	0.61	06/21/2023	

Batch R330565		SampType: MS		Units mg/L							
SampID: 23060002-019AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		2.34	2.000	0.2990	102.0	75	125	06/21/2023	

Batch R330565		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 23060002-019AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Fluoride		0.10		2.36	2.000	0.2990	103.1	2.338	0.98	06/21/2023	

Batch R330565		SampType: MS		Units mg/L							
SampID: 23060002-023AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.10		2.50	2.000	0.3800	106.0	75	125	06/21/2023	

Batch R330565		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 23060002-023AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Fluoride		0.10		2.45	2.000	0.3800	103.4	2.501	2.10	06/21/2023	

SW-846 9251 (DISSOLVED)

Batch R330374		SampType: MS		Units mg/L							
SampID: 23060002-011BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		50	20.00	31.16	93.4	85	115	06/15/2023	

Batch R330374		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 23060002-011BMDS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Chloride		4		50	20.00	31.16	94.1	49.84	0.28	06/15/2023	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

SW-846 9251 (DISSOLVED)

Batch R330374		SampType: MS		Units mg/L							Date Analyzed
SampID: 23060002-019BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		4	E	64	20.00	43.64	103.9	85	115	06/15/2023	

Batch R330374		SampType: MSD		Units mg/L							Date Analyzed
SampID: 23060002-019BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	RPD Limit: 15	
Chloride		4	E	64	20.00	43.64	101.9	64.41	0.61	06/15/2023	

Batch R330429		SampType: MS		Units mg/L							Date Analyzed
SampID: 23060002-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		4		34	20.00	14.79	96.2	85	115	06/17/2023	

Batch R330429		SampType: MSD		Units mg/L							Date Analyzed
SampID: 23060002-001BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	RPD Limit: 15	
Chloride		4		34	20.00	14.79	94.4	34.03	1.03	06/17/2023	

SW-846 9251 (TOTAL)

Batch R330374		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		4		< 4	0.5000	0	0	-100	100	06/15/2023	

Batch R330374		SampType: LCS		Units mg/L							Date Analyzed
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		4		20	20.00	0	99.7	90	110	06/15/2023	

Batch R330374		SampType: MS		Units mg/L							Date Analyzed
SampID: 23060002-002AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		4		37	20.00	16.18	102.6	85	115	06/15/2023	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

SW-846 9251 (TOTAL)

Batch R330374		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 23060002-002AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Chloride		4		35	20.00	16.18	96.5	36.69	3.38	06/15/2023	

Batch R330374		SampType: MS		Units mg/L							
SampID: 23060002-003AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		49	20.00	30.21	92.3	85	115	06/16/2023	

Batch R330374		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 23060002-003AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Chloride		4		48	20.00	30.21	89.5	48.66	1.14	06/16/2023	

Batch R330374		SampType: MS		Units mg/L							
SampID: 23060002-006AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		21	20.00	1.280	99.7	85	115	06/15/2023	

Batch R330374		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 23060002-006AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Chloride		4		21	20.00	1.280	99.7	21.21	0.05	06/15/2023	

Batch R330429		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		< 4	0.5000	0	0	-100	100	06/16/2023	

Batch R330429		SampType: LCS		Units mg/L							
SampID: ICB/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		20	20.00	0	101.6	90	110	06/16/2023	

Batch R330552		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		< 4	0.5000	0	0	-100	100	06/20/2023	



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

SW-846 9251 (TOTAL)

Batch R330552		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		4		20	20.00	0	100.0	90	110	06/20/2023	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207442 SampType: MBLK Units mg/L
SampID: MBLK-207442

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	06/20/2023
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	06/21/2023
Antimony		0.0500	J	0.0068	0.0068	0	100.0	-100	100	06/20/2023
Antimony		0.0500		< 0.0500	0.0068	0	0	-100	100	06/21/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	06/20/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	06/21/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	06/21/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	06/20/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	06/21/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	06/20/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	06/21/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	06/20/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	06/21/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	06/20/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	06/21/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	06/20/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	06/21/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	06/20/2023
Cobalt		0.0050		< 0.0050	0.0020	0	0	-100	100	06/21/2023
Cobalt		0.0050		< 0.0050	0.0020	0	0	-100	100	06/20/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	06/20/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	06/21/2023
Lead		0.0150		< 0.0150	0.0014	0	0	-100	100	06/20/2023
Lead		0.0150		< 0.0150	0.0014	0	0	-100	100	06/21/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	06/21/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	06/20/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	06/21/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	06/20/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	06/21/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	06/20/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	06/20/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	06/21/2023
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	06/20/2023
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	06/21/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	06/20/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	06/21/2023



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207442 SampType: MBLK Units mg/L

SampID: MBLK-207442

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	06/20/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	06/21/2023
Thallium		0.0500		< 0.0500	0.0111	0	0	-100	100	06/20/2023
Thallium		0.0500		< 0.0500	0.0111	0	0	-100	100	06/21/2023



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207442 SampType: LCS Units mg/L
SampID: LCS-207442

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		1.78	2.000	0	89.0	85	115	06/21/2023
Aluminum		0.0250		1.74	2.000	0	87.1	85	115	06/20/2023
Antimony		0.0500		0.430	0.5000	0	86.0	85	115	06/20/2023
Antimony		0.0500		0.450	0.5000	0	90.1	85	115	06/21/2023
Arsenic		0.0250		0.456	0.5000	0	91.2	85	115	06/20/2023
Arsenic		0.0250		0.482	0.5000	0	96.5	85	115	06/21/2023
Barium		0.0025		1.80	2.000	0	90.2	85	115	06/20/2023
Barium		0.0025		1.82	2.000	0	91.1	85	115	06/21/2023
Beryllium		0.0005		0.0455	0.0500	0	91.0	85	115	06/20/2023
Beryllium		0.0005		0.0456	0.0500	0	91.2	85	115	06/21/2023
Boron		0.0200		0.450	0.5000	0	90.1	85	115	06/20/2023
Boron		0.0200		0.459	0.5000	0	91.8	85	115	06/21/2023
Cadmium		0.0020		0.0445	0.0500	0	89.0	85	115	06/20/2023
Cadmium		0.0020		0.0458	0.0500	0	91.6	85	115	06/21/2023
Calcium		0.100		2.25	2.500	0	90.0	85	115	06/20/2023
Calcium		0.100		2.40	2.500	0	96.2	85	115	06/21/2023
Chromium		0.0050		0.176	0.2000	0	88.1	85	115	06/20/2023
Chromium		0.0050		0.184	0.2000	0	91.8	85	115	06/21/2023
Cobalt		0.0050		0.471	0.5000	0	94.2	85	115	06/21/2023
Cobalt		0.0050		0.447	0.5000	0	89.4	85	115	06/20/2023
Iron		0.0400		1.84	2.000	0	92.2	85	115	06/21/2023
Iron		0.0400		1.80	2.000	0	90.2	85	115	06/20/2023
Lead		0.0150		0.442	0.5000	0	88.4	85	115	06/20/2023
Lead		0.0150		0.468	0.5000	0	93.6	85	115	06/21/2023
Magnesium		0.0500		2.24	2.500	0	89.8	85	115	06/20/2023
Magnesium		0.0500		2.14	2.500	0	85.8	85	115	06/21/2023
Manganese		0.0070		0.465	0.5000	0	93.1	85	115	06/21/2023
Manganese		0.0070		0.444	0.5000	0	88.8	85	115	06/20/2023
Molybdenum		0.0100		0.435	0.5000	0	87.0	85	115	06/20/2023
Molybdenum		0.0100		0.450	0.5000	0	90.1	85	115	06/21/2023
Potassium		0.100		2.33	2.500	0	93.2	85	115	06/20/2023
Potassium		0.100		2.47	2.500	0	98.9	85	115	06/21/2023
Selenium		0.0400		0.463	0.5000	0	92.6	85	115	06/21/2023
Selenium		0.0400		0.438	0.5000	0	87.5	85	115	06/20/2023
Silicon	*	0.0500		0.452	0.5000	0	90.5	85	115	06/21/2023
Silicon	*	0.0500		0.433	0.5000	0	86.6	85	115	06/20/2023



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207442 SampType: LCS Units mg/L
SampID: LCS-207442

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sodium		0.0500		2.13	2.500	0	85.0	85	115	06/20/2023
Sodium		0.0500		2.31	2.500	0	92.6	85	115	06/21/2023
Thallium		0.0500		0.218	0.2500	0	87.2	85	115	06/20/2023
Thallium		0.0500		0.231	0.2500	0	92.4	85	115	06/21/2023

Batch 207442 SampType: MS Units mg/L
SampID: 23060002-004DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		1.88	2.000	0.03210	92.2	75	125	06/20/2023
Calcium		0.100	S	144	2.500	140.4	160.0	75	125	06/20/2023
Iron		0.0400		2.03	2.000	0.1849	92.4	75	125	06/20/2023
Magnesium		0.0500	S	75.5	2.500	71.93	142.8	75	125	06/20/2023
Manganese		0.0070		0.661	0.5000	0.1952	93.1	75	125	06/20/2023
Potassium		0.100		2.99	2.500	0.5126	99.2	75	125	06/20/2023
Silicon	*	0.0500		11.0	0.5000	10.36	118.0	75	125	06/20/2023
Sodium		0.0500		27.1	2.500	24.70	96.4	75	125	06/20/2023

Batch 207442 SampType: MSD Units mg/L
SampID: 23060002-004DMSD

RPD Limit: 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		1.82	2.000	0.03210	89.4	1.876	3.03	06/20/2023
Calcium		0.100	S	141	2.500	140.4	20.0	144.4	2.45	06/20/2023
Iron		0.0400		2.02	2.000	0.1849	91.6	2.033	0.79	06/20/2023
Magnesium		0.0500	S	72.4	2.500	71.93	17.6	75.50	4.23	06/20/2023
Manganese		0.0070		0.643	0.5000	0.1952	89.6	0.6608	2.68	06/20/2023
Potassium		0.100		2.94	2.500	0.5126	97.0	2.992	1.82	06/20/2023
Silicon	*	0.0500	S	10.7	0.5000	10.36	66.0	10.95	2.40	06/20/2023
Sodium		0.0500		26.6	2.500	24.70	78.0	27.11	1.71	06/20/2023



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207442 SampType: MS Units mg/L

SampID: 23060002-019DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		1.84	2.000	0.09540	87.1	75	125	06/20/2023
Calcium		0.100	S	111	2.500	112.9	-60.0	75	125	06/20/2023
Iron		0.0400		4.17	2.000	2.381	89.3	75	125	06/20/2023
Magnesium		0.0500	S	55.3	2.500	55.27	-0.4	75	125	06/20/2023
Manganese		0.0070	S	2.95	0.5000	2.609	69.0	75	125	06/20/2023
Potassium		0.100		3.06	2.500	0.6367	97.1	75	125	06/20/2023
Silicon	*	0.0500	S	7.53	0.5000	7.344	36.4	75	125	06/20/2023
Sodium		0.0500	S	45.4	2.500	44.83	22.8	75	125	06/20/2023

Batch 207442 SampType: MSD Units mg/L

RPD Limit: 20

SampID: 23060002-019DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		1.88	2.000	0.09540	89.2	1.837	2.31	06/20/2023
Calcium		0.100	S	113	2.500	112.9	16.0	111.4	1.69	06/20/2023
Iron		0.0400		4.23	2.000	2.381	92.6	4.167	1.55	06/20/2023
Magnesium		0.0500	S	56.1	2.500	55.27	34.8	55.26	1.58	06/20/2023
Manganese		0.0070		3.01	0.5000	2.609	79.4	2.954	1.74	06/20/2023
Potassium		0.100		3.12	2.500	0.6367	99.5	3.064	1.97	06/20/2023
Silicon	*	0.0500	S	7.64	0.5000	7.344	60.2	7.526	1.57	06/20/2023
Sodium		0.0500	S	46.1	2.500	44.83	49.2	45.40	1.44	06/20/2023



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207505 SampType: MBLK Units mg/L
 SampID: MBLK-207505

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	06/26/2023
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	06/20/2023
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	06/21/2023
Antimony		0.0500		< 0.0500	0.0068	0	0	-100	100	06/20/2023
Antimony		0.0500		< 0.0500	0.0068	0	0	-100	100	06/26/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	06/20/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	06/26/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	06/21/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	06/20/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	06/21/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	06/26/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	06/26/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	06/20/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	06/21/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	06/26/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	06/20/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	06/21/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	06/20/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	06/21/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	06/26/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	06/20/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	06/26/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	06/20/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	06/21/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	06/26/2023
Cobalt		0.0050		< 0.0050	0.0020	0	0	-100	100	06/20/2023
Cobalt		0.0050		< 0.0050	0.0020	0	0	-100	100	06/26/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	06/21/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	06/26/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	06/20/2023
Lead		0.0150		< 0.0150	0.0014	0	0	-100	100	06/26/2023
Lead		0.0150		< 0.0150	0.0014	0	0	-100	100	06/20/2023
Lead		0.0150		< 0.0150	0.0014	0	0	-100	100	06/21/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	06/21/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	06/20/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	06/26/2023



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207505 SampType: MBLK Units mg/L

SampleID: MBLK-207505

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	06/21/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	06/20/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	06/26/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	06/21/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	06/26/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	06/20/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	06/26/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	06/21/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	06/20/2023
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	06/21/2023
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	06/26/2023
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	06/20/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	06/26/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	06/20/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	06/20/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	06/26/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	06/21/2023
Thallium		0.0500		< 0.0500	0.0111	0	0	-100	100	06/26/2023
Thallium		0.0500		< 0.0500	0.0111	0	0	-100	100	06/20/2023



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207505 **SampType:** LCS **Units** mg/L

SampID: LCS-207505

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		1.85	2.000	0	92.4	85	115	06/21/2023
Aluminum		0.0250		1.87	2.000	0	93.6	85	115	06/26/2023
Antimony		0.0500		0.497	0.5000	0	99.3	85	115	06/26/2023
Arsenic		0.0250		0.431	0.5000	0	86.1	85	115	06/20/2023
Arsenic		0.0250		0.514	0.5000	0	102.8	85	115	06/26/2023
Arsenic		0.0250		0.474	0.5000	0	94.8	85	115	06/21/2023
Barium		0.0025		1.74	2.000	0	87.2	85	115	06/20/2023
Barium		0.0025		1.89	2.000	0	94.5	85	115	06/21/2023
Barium		0.0025		1.94	2.000	0	97.1	85	115	06/26/2023
Beryllium		0.0005		0.0498	0.0500	0	99.6	85	115	06/26/2023
Beryllium		0.0005		0.0466	0.0500	0	93.2	85	115	06/21/2023
Beryllium		0.0005		0.0436	0.0500	0	87.2	85	115	06/20/2023
Boron		0.0200		0.494	0.5000	0	98.9	85	115	06/26/2023
Boron		0.0200		0.466	0.5000	0	93.2	85	115	06/21/2023
Boron		0.0200		0.437	0.5000	0	87.5	85	115	06/20/2023
Cadmium		0.0020		0.0486	0.0500	0	97.2	85	115	06/26/2023
Cadmium		0.0020		0.0425	0.0500	0	85.0	85	115	06/20/2023
Cadmium		0.0020		0.0461	0.0500	0	92.2	85	115	06/21/2023
Calcium		0.100		2.19	2.500	0	87.7	85	115	06/20/2023
Calcium		0.100		2.49	2.500	0	99.7	85	115	06/26/2023
Chromium		0.0050		0.191	0.2000	0	95.4	85	115	06/26/2023
Chromium		0.0050		0.189	0.2000	0	94.3	85	115	06/21/2023
Cobalt		0.0050		0.426	0.5000	0	85.3	85	115	06/20/2023
Cobalt		0.0050		0.485	0.5000	0	97.0	85	115	06/26/2023
Iron		0.0400		1.88	2.000	0	94.2	85	115	06/21/2023
Iron		0.0400		1.72	2.000	0	85.8	85	115	06/20/2023
Iron		0.0400		1.92	2.000	0	96.2	85	115	06/26/2023
Lead		0.0150		0.481	0.5000	0	96.1	85	115	06/26/2023
Lead		0.0150		0.465	0.5000	0	93.0	85	115	06/21/2023
Magnesium		0.0500		2.15	2.500	0	86.0	85	115	06/20/2023
Magnesium		0.0500		2.35	2.500	0	94.1	85	115	06/26/2023
Magnesium		0.0500		2.23	2.500	0	89.1	85	115	06/21/2023
Manganese		0.0070		0.481	0.5000	0	96.3	85	115	06/21/2023
Manganese		0.0070		0.426	0.5000	0	85.3	85	115	06/20/2023
Manganese		0.0070		0.476	0.5000	0	95.2	85	115	06/26/2023
Molybdenum		0.0100		0.458	0.5000	0	91.6	85	115	06/21/2023



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207505		SampType: LCS		Units mg/L						
SampID: LCS-207505										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Molybdenum		0.0100		0.474	0.5000	0	94.8	85	115	06/26/2023
Potassium		0.100		2.49	2.500	0	99.6	85	115	06/21/2023
Potassium		0.100		2.29	2.500	0	91.5	85	115	06/20/2023
Potassium		0.100		2.58	2.500	0	103.2	85	115	06/26/2023
Selenium		0.0400		0.457	0.5000	0	91.4	85	115	06/21/2023
Selenium		0.0400		0.499	0.5000	0	99.9	85	115	06/26/2023
Silicon	*	0.0500		0.474	0.5000	0	94.9	85	115	06/26/2023
Sodium		0.0500		2.36	2.500	0	94.5	85	115	06/21/2023
Sodium		0.0500		2.45	2.500	0	98.1	85	115	06/26/2023
Thallium		0.0500		0.241	0.2500	0	96.3	85	115	06/26/2023
Thallium		0.0500		0.213	0.2500	0	85.3	85	115	06/20/2023

Batch 207505		SampType: MS		Units mg/L						
SampID: 23060002-030DMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		1.84	2.000	0.01480	91.4	75	125	06/21/2023
Calcium		0.100	S	147	2.500	149.0	-76.0	75	125	06/26/2023
Iron		0.0400		1.83	2.000	0	91.7	75	125	06/26/2023
Magnesium		0.0500	S	66.5	2.500	65.10	55.9	75	125	06/21/2023
Manganese		0.0070	S	5.98	0.5000	5.661	64.3	75	125	06/26/2023
Potassium		0.100		3.13	2.500	0.5244	104.4	75	125	06/26/2023
Silicon	*	0.0500	S	8.16	0.5000	7.894	53.4	75	125	06/26/2023
Sodium		0.0500	S	28.7	2.500	27.09	64.8	75	125	06/21/2023

Batch 207505		SampType: MSD		Units mg/L							RPD Limit: 20
SampID: 23060002-030DMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Aluminum		0.0250		1.86	2.000	0.01480	92.3	1.842	1.00	06/21/2023	
Calcium		0.100	S	148	2.500	149.0	-30.4	147.1	0.77	06/26/2023	
Iron		0.0400		1.86	2.000	0	93.0	1.834	1.38	06/26/2023	
Magnesium		0.0500	S	66.6	2.500	65.10	61.5	66.49	0.21	06/21/2023	
Manganese		0.0070		6.05	0.5000	5.661	78.2	5.983	1.15	06/26/2023	
Potassium		0.100		3.16	2.500	0.5244	105.2	3.134	0.67	06/26/2023	
Silicon	*	0.0500	S	8.20	0.5000	7.894	60.5	8.162	0.43	06/26/2023	
Sodium		0.0500	S	28.7	2.500	27.09	64.0	28.71	0.07	06/21/2023	



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207271 SampType: MBLK Units mg/L
 SampID: MBLK-207271

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	06/26/2023
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	06/14/2023
Antimony		0.0500		< 0.0500	0.0068	0	0	-100	100	06/14/2023
Antimony		0.0500		< 0.0500	0.0068	0	0	-100	100	06/26/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	06/14/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	06/26/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	06/26/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	06/14/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	06/14/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	06/26/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	06/14/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	06/26/2023
Cadmium		0.0020		< 0.0020	0.0007	0	0	-100	100	06/14/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	06/26/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	06/26/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	06/14/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	06/26/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	06/14/2023
Cobalt		0.0050		< 0.0050	0.0020	0	0	-100	100	06/14/2023
Cobalt		0.0050		< 0.0050	0.0020	0	0	-100	100	06/26/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	06/14/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	06/26/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	06/14/2023
Lead		0.0150		< 0.0150	0.0014	0	0	-100	100	06/26/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	06/14/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	06/26/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	06/14/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	06/26/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	06/14/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	06/14/2023
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	06/26/2023
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	06/14/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	06/26/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	06/26/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	06/14/2023
Thallium		0.0500		< 0.0500	0.0111	0	0	-100	100	06/26/2023



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207271		SampType: MBLK		Units mg/L						
SampID: MBLK-207271										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Thallium		0.0500		< 0.0500	0.0111	0	0	-100	100	06/14/2023

Batch 207271		SampType: LCS		Units mg/L						
SampID: LCS-207271										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		2.09	2.000	0	104.5	85	115	06/26/2023
Antimony		0.0500		0.519	0.5000	0	103.8	85	115	06/26/2023
Arsenic		0.0250		0.557	0.5000	0	111.5	85	115	06/26/2023
Barium		0.0025		2.13	2.000	0	106.5	85	115	06/26/2023
Beryllium		0.0005		0.0537	0.0500	0	107.4	85	115	06/26/2023
Boron		0.0200		0.526	0.5000	0	105.3	85	115	06/26/2023
Cadmium		0.0020		0.0525	0.0500	0	105.0	85	115	06/26/2023
Calcium		0.100		2.77	2.500	0	110.8	85	115	06/26/2023
Chromium		0.0050		0.208	0.2000	0	103.8	85	115	06/26/2023
Cobalt		0.0050		0.542	0.5000	0	108.4	85	115	06/26/2023
Iron		0.0400		2.17	2.000	0	108.5	85	115	06/26/2023
Lead		0.0150		0.531	0.5000	0	106.3	85	115	06/26/2023
Manganese		0.0070		0.534	0.5000	0	106.8	85	115	06/26/2023
Molybdenum		0.0100		0.494	0.5000	0	98.7	85	115	06/26/2023
Selenium		0.0400		0.558	0.5000	0	111.7	85	115	06/26/2023
Silicon	*	0.0500		0.522	0.5000	0	104.3	85	115	06/26/2023
Sodium		0.0500		2.72	2.500	0	108.6	85	115	06/26/2023
Thallium		0.0500		0.267	0.2500	0	106.7	85	115	06/26/2023



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207271		SampType: MS		Units mg/L						
SampID: 23060002-008CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		2.05	2.000	0.02040	101.5	75	125	06/19/2023
Arsenic		0.0250		0.533	0.5000	0	106.6	75	125	06/19/2023
Beryllium		0.0005		0.0493	0.0500	0	98.6	75	125	06/19/2023
Boron		0.0200		1.42	0.5000	0.8892	105.7	75	125	06/19/2023
Cadmium		0.0020		0.0546	0.0500	0	109.2	75	125	06/19/2023
Calcium		0.100	S	144	2.500	138.4	212.0	75	125	06/19/2023
Chromium		0.0050		0.198	0.2000	0	99.0	75	125	06/19/2023
Iron		0.0400		2.09	2.000	0	104.5	75	125	06/19/2023
Magnesium		0.0500	S	72.5	2.500	68.32	169.1	75	125	06/19/2023
Manganese		0.0070		6.44	0.5000	5.833	121.6	75	125	06/19/2023
Molybdenum		0.0100		0.486	0.5000	0	97.2	75	125	06/19/2023
Potassium		0.100		3.40	2.500	0.5387	114.5	75	125	06/19/2023
Sodium		0.0500		31.9	2.500	28.95	119.6	75	125	06/19/2023

Batch 207271		SampType: MSD		Units mg/L		RPD Limit: 20				
SampID: 23060002-008CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		1.97	2.000	0.02040	97.5	2.050	3.95	06/19/2023
Arsenic		0.0250		0.534	0.5000	0	106.7	0.5329	0.13	06/19/2023
Beryllium		0.0005		0.0490	0.0500	0	98.0	0.04930	0.61	06/19/2023
Boron		0.0200		1.40	0.5000	0.8892	103.0	1.418	0.96	06/19/2023
Cadmium		0.0020		0.0541	0.0500	0	108.2	0.05460	0.92	06/19/2023
Calcium		0.100	S	142	2.500	138.4	150.4	143.8	1.08	06/19/2023
Chromium		0.0050		0.197	0.2000	0	98.3	0.1979	0.66	06/19/2023
Iron		0.0400		2.06	2.000	0	103.0	2.090	1.45	06/19/2023
Magnesium		0.0500	S	71.7	2.500	68.32	135.3	72.54	1.17	06/19/2023
Manganese		0.0070		6.36	0.5000	5.833	105.1	6.441	1.29	06/19/2023
Molybdenum		0.0100		0.482	0.5000	0	96.4	0.4862	0.85	06/19/2023
Potassium		0.100		3.36	2.500	0.5387	112.8	3.402	1.29	06/19/2023
Sodium		0.0500		31.7	2.500	28.95	108.8	31.94	0.85	06/19/2023



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207360 SampType: MBLK Units mg/L
SampID: MBLK-207360

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250	S	0.0356	0.0127	0	280.3	-100	100	06/21/2023
Antimony		0.0500		< 0.0500	0.0068	0	0	-100	100	06/21/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	06/20/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	06/21/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	06/21/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	06/20/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	06/20/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	06/21/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	06/21/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	06/21/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	06/20/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	06/21/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	06/21/2023
Cobalt		0.0050		< 0.0050	0.0020	0	0	-100	100	06/21/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	06/20/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	06/21/2023
Lead		0.0150		< 0.0150	0.0014	0	0	-100	100	06/20/2023
Lead		0.0150		< 0.0150	0.0014	0	0	-100	100	06/21/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	06/21/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	06/21/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	06/20/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	06/20/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	06/21/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	06/21/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	06/20/2023
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	06/21/2023
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	06/20/2023
Silicon	*	0.0500	JS	0.035	0.0122	0	289.3	-100	100	06/21/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	06/21/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	06/20/2023
Thallium		0.0500		< 0.0500	0.0111	0	0	-100	100	06/21/2023



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250	B	1.97	2.000	0	98.6	85	115	06/21/2023
Antimony		0.0500		0.502	0.5000	0	100.4	85	115	06/21/2023
Arsenic		0.0250		0.533	0.5000	0	106.6	85	115	06/21/2023
Arsenic		0.0250	S	0.896	0.5000	0	179.2	85	115	06/20/2023
Barium		0.0025		2.01	2.000	0	100.5	85	115	06/21/2023
Barium		0.0025		2.10	2.000	0	104.8	85	115	06/20/2023
Beryllium		0.0005		0.0507	0.0500	0	101.4	85	115	06/21/2023
Beryllium		0.0005	S	0.0885	0.0500	0	177.0	85	115	06/20/2023
Boron		0.0200		0.507	0.5000	0	101.4	85	115	06/21/2023
Cadmium		0.0020		0.0500	0.0500	0	100.0	85	115	06/21/2023
Cadmium		0.0020	S	0.0581	0.0500	0	116.2	85	115	06/20/2023
Calcium		0.100		2.66	2.500	0	106.4	85	115	06/21/2023
Chromium		0.0050		0.202	0.2000	0	100.9	85	115	06/21/2023
Cobalt		0.0050		0.525	0.5000	0	105.1	85	115	06/21/2023
Iron		0.0400		2.05	2.000	0	102.5	85	115	06/21/2023
Iron		0.0400		1.74	2.000	0	87.2	85	115	06/20/2023
Lead		0.0150		0.509	0.5000	0	101.7	85	115	06/20/2023
Lead		0.0150		0.514	0.5000	0	102.8	85	115	06/21/2023
Magnesium		0.0500		2.37	2.500	0	94.8	85	115	06/21/2023
Manganese		0.0070		0.515	0.5000	0	103.0	85	115	06/21/2023
Manganese		0.0070	S	0.869	0.5000	0	173.7	85	115	06/20/2023
Molybdenum		0.0100		0.497	0.5000	0	99.3	85	115	06/21/2023
Molybdenum		0.0100	S	0.858	0.5000	0	171.7	85	115	06/20/2023
Potassium		0.100		2.65	2.500	0	105.9	85	115	06/21/2023
Potassium		0.100	S	4.35	2.500	0	174.1	85	115	06/20/2023
Selenium		0.0400		0.504	0.5000	0	100.9	85	115	06/21/2023
Silicon	*	0.0500	B	0.523	0.5000	0	104.6	85	115	06/21/2023
Sodium		0.0500		2.80	2.500	0	112.2	85	115	06/20/2023
Sodium		0.0500		2.54	2.500	0	101.4	85	115	06/21/2023
Thallium		0.0500		0.248	0.2500	0	99.2	85	115	06/21/2023



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207360		SampType: MS		Units mg/L							Date Analyzed
SampID: 23060002-020CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic		0.0250		1.05	1.000	0	105.4	75	125	06/21/2023	
Barium		0.0025		4.23	4.000	0.2296	100.0	75	125	06/21/2023	
Beryllium		0.0005		0.101	0.1000	0	101.1	75	125	06/21/2023	
Boron		0.0200		1.29	1.000	0.2924	100.0	75	125	06/21/2023	
Cadmium		0.0020		0.0972	0.1000	0	97.2	75	125	06/21/2023	
Calcium		0.100	S	143	5.000	142.3	21.0	75	125	06/21/2023	
Chromium		0.0050		0.402	0.4000	0	100.6	75	125	06/21/2023	
Iron		0.0400		8.91	4.000	4.940	99.2	75	125	06/21/2023	
Lead		0.0150		1.00	1.000	0	100.5	75	125	06/21/2023	
Magnesium		0.0500	S	68.5	5.000	65.45	60.3	75	125	06/21/2023	
Manganese		0.0070		1.47	1.000	0.4618	100.3	75	125	06/21/2023	
Molybdenum		0.0100		0.997	1.000	0	99.7	75	125	06/21/2023	
Potassium		0.100		5.81	5.000	0.8348	99.4	75	125	06/21/2023	
Silicon	*	0.0500	B	11.4	1.000	10.62	78.4	75	125	06/21/2023	
Sodium		0.0500	S	27.2	5.000	23.69	71.2	75	125	06/21/2023	

Batch 207360		SampType: MSD		Units mg/L							RPD Limit: 20	Date Analyzed
SampID: 23060002-020CMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Arsenic		0.0250		1.06	1.000	0	105.6	1.054	0.19	06/21/2023		
Barium		0.0025		4.21	4.000	0.2296	99.5	4.230	0.47	06/21/2023		
Beryllium		0.0005		0.101	0.1000	0	100.7	0.1011	0.40	06/21/2023		
Boron		0.0200		1.29	1.000	0.2924	99.8	1.292	0.14	06/21/2023		
Cadmium		0.0020		0.0974	0.1000	0	97.4	0.09720	0.21	06/21/2023		
Calcium		0.100	S	143	5.000	142.3	15.6	143.4	0.19	06/21/2023		
Chromium		0.0050		0.401	0.4000	0	100.2	0.4023	0.32	06/21/2023		
Iron		0.0400		8.90	4.000	4.940	99.0	8.910	0.11	06/21/2023		
Lead		0.0150		0.998	1.000	0	99.8	1.005	0.71	06/21/2023		
Magnesium		0.0500	S	68.5	5.000	65.45	60.3	68.46	0.00	06/21/2023		
Manganese		0.0070		1.46	1.000	0.4618	100.0	1.465	0.23	06/21/2023		
Molybdenum		0.0100		0.991	1.000	0	99.1	0.9970	0.61	06/21/2023		
Potassium		0.100		5.83	5.000	0.8348	100.0	5.806	0.49	06/21/2023		
Silicon	*	0.0500	B	11.4	1.000	10.62	78.1	11.40	0.02	06/21/2023		
Sodium		0.0500	S	27.2	5.000	23.69	71.2	27.25	0.00	06/21/2023		



Quality Control Results

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Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207509 SampType: MBLK Units mg/L

SampID: MBLK-207509

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	06/22/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	06/22/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	06/22/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	06/22/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	06/22/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	06/22/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	06/22/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	06/22/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	06/22/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	06/22/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	06/22/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	06/22/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	06/22/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	06/22/2023
Silicon	*	0.0500		< 0.0500	0.0300	0	0	-100	100	06/22/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	06/22/2023

Batch 207509 SampType: LCS Units mg/L

SampID: LCS-207509

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		1.95	2.000	0	97.5	85	115	06/22/2023
Arsenic		0.0250		0.525	0.5000	0	105.0	85	115	06/22/2023
Barium		0.0025		2.01	2.000	0	100.5	85	115	06/22/2023
Beryllium		0.0005		0.0499	0.0500	0	99.8	85	115	06/22/2023
Boron		0.0200		0.500	0.5000	0	100.0	85	115	06/22/2023
Cadmium		0.0020		0.0504	0.0500	0	100.8	85	115	06/22/2023
Calcium		0.100		2.56	2.500	0	102.6	85	115	06/22/2023
Chromium		0.0050		0.198	0.2000	0	98.8	85	115	06/22/2023
Iron		0.0400		1.97	2.000	0	98.7	85	115	06/22/2023
Lead		0.0150		0.499	0.5000	0	99.8	85	115	06/22/2023
Magnesium		0.0500		2.35	2.500	0	94.1	85	115	06/22/2023
Manganese		0.0070		0.492	0.5000	0	98.4	85	115	06/22/2023
Molybdenum		0.0100		0.480	0.5000	0	96.0	85	115	06/22/2023
Potassium		0.100		2.61	2.500	0	104.3	85	115	06/22/2023
Silicon	*	0.0500		0.552	0.5000	0	110.5	85	115	06/22/2023
Sodium		0.0500		2.56	2.500	0	102.3	85	115	06/22/2023



Quality Control Results

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Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch	SampType:	Units mg/L			RPD Limit: 20					
SampID: LCSD-207509										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		1.95	2.000	0	97.6	1.950	0.12	06/22/2023
Arsenic		0.0250		0.518	0.5000	0	103.5	0.5249	1.42	06/22/2023
Barium		0.0025		2.02	2.000	0	101.0	2.010	0.50	06/22/2023
Beryllium		0.0005		0.0501	0.0500	0	100.2	0.04990	0.40	06/22/2023
Boron		0.0200		0.503	0.5000	0	100.6	0.5000	0.56	06/22/2023
Cadmium		0.0020		0.0505	0.0500	0	101.0	0.05040	0.20	06/22/2023
Calcium		0.100		2.56	2.500	0	102.4	2.564	0.11	06/22/2023
Chromium		0.0050		0.199	0.2000	0	99.4	0.1975	0.61	06/22/2023
Iron		0.0400		1.99	2.000	0	99.6	1.974	0.96	06/22/2023
Lead		0.0150		0.502	0.5000	0	100.3	0.4992	0.50	06/22/2023
Magnesium		0.0500		2.37	2.500	0	94.7	2.351	0.67	06/22/2023
Manganese		0.0070		0.496	0.5000	0	99.3	0.4918	0.93	06/22/2023
Molybdenum		0.0100		0.482	0.5000	0	96.5	0.4798	0.52	06/22/2023
Potassium		0.100		2.64	2.500	0	105.4	2.607	1.09	06/22/2023
Silicon	*	0.0500		0.563	0.5000	0	112.6	0.5525	1.85	06/22/2023
Sodium		0.0500		2.57	2.500	0	102.8	2.557	0.48	06/22/2023



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207664 SampType: MBLK Units mg/L
 SampID: MBLK-207664

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	06/29/2023
Aluminum		0.0250		< 0.0250	0.0127	0	0	-100	100	06/23/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	06/23/2023
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	06/29/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	06/29/2023
Barium		0.0025		< 0.0025	0.0007	0	0	-100	100	06/23/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	06/29/2023
Beryllium		0.0005		< 0.0005	0.0002	0	0	-100	100	06/23/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	06/29/2023
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	06/23/2023
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	06/23/2023
Cadmium		0.0020	J	0.0005	0.0005	0	100.0	-100	100	06/29/2023
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	06/29/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	06/29/2023
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	06/23/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	06/23/2023
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	06/29/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	06/29/2023
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	06/23/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	06/29/2023
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	06/23/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	06/23/2023
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	06/29/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	06/23/2023
Molybdenum		0.0100		< 0.0100	0.0037	0	0	-100	100	06/29/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	06/23/2023
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	06/29/2023
Silicon	*	0.0500	JS	0.028	0.0122	0	232.8	-100	100	06/29/2023
Silicon	*	0.0500		< 0.0500	0.0122	0	0	-100	100	06/23/2023
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	06/29/2023



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207664		SampType: LCS		Units mg/L							Date
SampID: LCS-207664											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Aluminum		0.0250		1.90	2.000	0	94.8	85	115	06/29/2023	
Aluminum		0.0250		2.03	2.000	0	101.5	85	115	06/23/2023	
Arsenic		0.0250		0.543	0.5000	0	108.6	85	115	06/23/2023	
Arsenic		0.0250		0.531	0.5000	0	106.1	85	115	06/29/2023	
Barium		0.0025		2.09	2.000	0	104.5	85	115	06/23/2023	
Barium		0.0025		2.04	2.000	0	102.0	85	115	06/29/2023	
Beryllium		0.0005		0.0517	0.0500	0	103.4	85	115	06/23/2023	
Beryllium		0.0005		0.0502	0.0500	0	100.4	85	115	06/29/2023	
Boron		0.0200		0.504	0.5000	0	100.8	85	115	06/29/2023	
Boron		0.0200		0.512	0.5000	0	102.3	85	115	06/23/2023	
Cadmium		0.0020		0.0517	0.0500	0	103.4	85	115	06/29/2023	
Cadmium		0.0020		0.0537	0.0500	0	107.4	85	115	06/23/2023	
Calcium		0.100		2.60	2.500	0	103.9	85	115	06/29/2023	
Chromium		0.0050		0.201	0.2000	0	100.7	85	115	06/23/2023	
Chromium		0.0050		0.198	0.2000	0	99.1	85	115	06/29/2023	
Iron		0.0400		2.11	2.000	0	105.5	85	115	06/23/2023	
Iron		0.0400		1.98	2.000	0	99.1	85	115	06/29/2023	
Lead		0.0150		0.509	0.5000	0	101.8	85	115	06/23/2023	
Lead		0.0150		0.501	0.5000	0	100.2	85	115	06/29/2023	
Magnesium		0.0500		2.40	2.500	0	95.8	85	115	06/23/2023	
Magnesium		0.0500		2.46	2.500	0	98.2	85	115	06/29/2023	
Manganese		0.0070		0.494	0.5000	0	98.7	85	115	06/23/2023	
Manganese		0.0070		0.492	0.5000	0	98.4	85	115	06/29/2023	
Molybdenum		0.0100		0.498	0.5000	0	99.5	85	115	06/23/2023	
Molybdenum		0.0100		0.485	0.5000	0	97.0	85	115	06/29/2023	
Potassium		0.100		2.57	2.500	0	102.7	85	115	06/29/2023	
Potassium		0.100		2.74	2.500	0	109.6	85	115	06/23/2023	
Silicon	*	0.0500	B	0.518	0.5000	0	103.5	85	115	06/29/2023	
Silicon	*	0.0500		0.562	0.5000	0	112.3	85	115	06/23/2023	
Sodium		0.0500		2.47	2.500	0	98.8	85	115	06/29/2023	

Batch 207664		SampType: MS		Units mg/L							Date
SampID: 23060002-020CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Aluminum		0.0250		4.14	4.000	0.1045	100.9	75	125	06/23/2023	



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207664		SampType: MSD		Units mg/L				RPD Limit: 20			Date Analyzed
SampID: 23060002-020CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Aluminum		0.0250		4.27	4.000	0.1045	104.1	4.140	3.09	06/23/2023	

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

Batch 207442		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-207442											
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	06/19/2023	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	06/19/2023	
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	06/26/2023	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	06/19/2023	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	06/19/2023	

Batch 207442 SampType: LCS Units mg/L

SampID: LCS-207442										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		0.476	0.5000	0	95.2	80	120	06/19/2023
Cobalt		0.0010		0.470	0.5000	0	94.1	80	120	06/19/2023
Lithium	*	0.0030		0.544	0.5000	0	108.9	80	120	06/26/2023
Selenium		0.0010		0.466	0.5000	0	93.1	80	120	06/21/2023
Thallium		0.0020		0.238	0.2500	0	95.3	80	120	06/19/2023

Batch 207505 SampType: MBLK Units mg/L

SampID: MBLK-207505										
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	06/21/2023
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	06/21/2023
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	06/21/2023
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	06/21/2023
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	06/21/2023



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207505		SampType: LCS		Units mg/L							
SampID: LCS-207505											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		0.427	0.5000	0	85.5	80	120	06/21/2023	
Cobalt		0.0010		0.439	0.5000	0	87.8	80	120	06/21/2023	
Lithium	*	0.0030		0.476	0.5000	0	95.2	80	120	06/21/2023	
Selenium		0.0010		0.438	0.5000	0	87.6	80	120	06/21/2023	
Thallium		0.0020		0.229	0.2500	0	91.8	80	120	06/21/2023	

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

Batch 207271		SampType: MBLK		Units mg/L							
SampID: MBLK-207271											
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	06/15/2023	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	06/15/2023	
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	06/15/2023	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	06/15/2023	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	06/15/2023	

Batch 207271		SampType: LCS		Units mg/L							
SampID: LCS-207271											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		0.521	0.5000	0	104.3	85	115	06/15/2023	
Cobalt		0.0010		0.486	0.5000	0	97.2	85	115	06/15/2023	
Lithium	*	0.0030		0.476	0.5000	0	95.2	85	115	06/15/2023	
Selenium		0.0010		0.561	0.5000	0	112.3	85	115	06/15/2023	
Thallium		0.0020		0.246	0.2500	0	98.4	85	115	06/15/2023	

Batch 207271		SampType: MS		Units mg/L							
SampID: 23060002-008CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		0.543	0.5000	0	108.7	75	125	06/15/2023	
Cobalt		0.0010		0.477	0.5000	0.001180	95.2	75	125	06/15/2023	
Lithium	*	0.0030		0.493	0.5000	0.001729	98.3	75	125	06/15/2023	
Selenium		0.0010		0.553	0.5000	0	110.6	75	125	06/15/2023	
Thallium		0.0020		0.241	0.2500	0	96.5	75	125	06/15/2023	



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207271		SampType: MSD		Units mg/L				RPD Limit: 20			
SampID: 23060002-008CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Antimony		0.0010		0.527	0.5000	0	105.3	0.5433	3.12	06/15/2023	
Cobalt		0.0010		0.469	0.5000	0.001180	93.5	0.4771	1.80	06/15/2023	
Lithium	*	0.0030		0.484	0.5000	0.001729	96.4	0.4930	1.88	06/15/2023	
Selenium		0.0010		0.540	0.5000	0	108.0	0.5531	2.35	06/15/2023	
Thallium		0.0020		0.242	0.2500	0	96.7	0.2413	0.16	06/15/2023	

Batch 207360		SampType: MBLK		Units mg/L							
SampID: MBLK-207360											
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	06/19/2023	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	06/19/2023	
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	06/26/2023	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	06/19/2023	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	06/19/2023	

Batch 207360		SampType: LCS		Units mg/L							
SampID: LCS-207360											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		0.522	0.5000	0	104.4	80	120	06/19/2023	
Cobalt		0.0010		0.491	0.5000	0	98.1	80	120	06/19/2023	
Lithium	*	0.0030		0.592	0.5000	0	118.5	80	120	06/26/2023	
Selenium		0.0010		0.535	0.5000	0	107.1	80	120	06/19/2023	
Thallium		0.0020		0.233	0.2500	0	93.1	80	120	06/19/2023	

Batch 207360		SampType: MS		Units mg/L							
SampID: 23060002-020CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		1.08	1.000	0	107.6	75	125	06/19/2023	
Cobalt		0.0010		0.951	1.000	0.0009885	95.0	75	125	06/19/2023	
Lithium	*	0.0030		0.991	1.000	0.005227	98.6	75	125	06/27/2023	
Selenium		0.0010		1.01	1.000	0	101.3	75	125	06/19/2023	
Thallium		0.0020		0.478	0.5000	0	95.6	75	125	06/19/2023	



Quality Control Results

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

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

Batch 207360		SampType: MSD		Units mg/L				RPD Limit: 20			
SampID: 23060002-020CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Antimony		0.0010		1.15	1.000	0	115.5	1.076	7.02	06/19/2023	
Cobalt		0.0010		0.968	1.000	0.0009885	96.7	0.9513	1.69	06/19/2023	
Lithium	*	0.0030		1.03	1.000	0.005227	102.4	0.9912	3.73	06/27/2023	
Selenium		0.0010		1.05	1.000	0	104.5	1.013	3.18	06/19/2023	
Thallium		0.0020		0.506	0.5000	0	101.2	0.4780	5.64	06/19/2023	

Batch 207664		SampType: MBLK		Units mg/L							
SampID: MBLK-207664											
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	06/23/2023	
Cobalt		0.0010		< 0.0010	0.0001	0	0	-100	100	06/23/2023	
Lithium	*	0.0030		< 0.0030	0.0015	0	0	-100	100	06/26/2023	
Selenium		0.0010		< 0.0010	0.0006	0	0	-100	100	06/26/2023	
Thallium		0.0020		< 0.0020	0.0010	0	0	-100	100	06/23/2023	

Batch 207664		SampType: LCS		Units mg/L							
SampID: LCS-207664											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Antimony		0.0010		0.456	0.5000	0	91.2	80	120	06/23/2023	
Cobalt		0.0010		0.489	0.5000	0	97.8	80	120	06/23/2023	
Lithium	*	0.0030		0.525	0.5000	0	105.1	80	120	06/27/2023	
Selenium		0.0010		0.539	0.5000	0	107.9	80	120	06/27/2023	
Thallium		0.0020		0.229	0.2500	0	91.6	80	120	06/23/2023	

SW-846 7470A (TOTAL)

Batch 207548		SampType: MBLK		Units mg/L							
SampID: MBLK-207548											
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	06/21/2023	

Batch 207548		SampType: LCS		Units mg/L							
SampID: LCS-207548											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.00020		0.00427	0.0050	0	85.5	85	115	06/21/2023	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060002

Client Project: KIN-23Q2

Report Date: 04-Aug-23

SW-846 7470A (TOTAL)

Batch 207548		SampType: MS		Units mg/L						
SampID: 23060002-014CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		0.00753	0.0100	0	75.3	75	125	06/21/2023

Batch 207548		SampType: MSD		Units mg/L							RPD Limit: 15
SampID: 23060002-014CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.00020		0.00758	0.0100	0	75.8	0.007526	0.66	06/21/2023	

Batch 207599		SampType: MBLK		Units mg/L						
SampID: MBLK-207599										
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	06/22/2023

Batch 207599		SampType: LCS		Units mg/L						
SampID: LCS-207599										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		0.00425	0.0050	0	85.0	85	115	06/22/2023

Batch 207599		SampType: MS		Units mg/L						
SampID: 23060002-026CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020	S	0.00677	0.0100	0	67.7	75	125	06/22/2023

Batch 207599		SampType: MSD		Units mg/L							RPD Limit: 15
SampID: 23060002-026CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Mercury		0.00020	S	0.00659	0.0100	0	65.9	0.006773	2.72	06/22/2023	



Receiving Check List

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

http://www.teklabinc.com/

Client: Ramboll
Client Project: KIN-23Q2

Work Order: 23060002
Report Date: 04-Aug-23

Carrier: Justin Colp

Received By: ANC

Completed by:

[Handwritten signature]

Reviewed by:

[Handwritten signature]

On:

19-Jun-23

Timothy W. Mathis

On:

23-Jun-23

Ellie Hopkins

Pages to follow: Chain of custody 4

Extra pages included 0

- Shipping container/cooler in good condition? Yes [checked] No []
Type of thermal preservation? None [] Ice [checked]
Chain of custody present? Yes [checked] No []
Chain of custody signed when relinquished and received? Yes [checked] No []
Chain of custody agrees with sample labels? Yes [checked] No []
Samples in proper container/bottle? Yes [checked] No []
Sample containers intact? Yes [checked] No []
Sufficient sample volume for indicated test? Yes [checked] No []
All samples received within holding time? Yes [checked] No []
Reported field parameters measured: Field [checked] Lab [] NA []
Container/Temp Blank temperature in compliance? Yes [checked] 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 [checked]
Water - TOX containers have zero headspace? Yes [] No [] No TOX containers [checked]
Water - pH acceptable upon receipt? Yes [] No [checked] NA []
NPDES/CWA TCN interferences checked/treated in the field? Yes [] No [] NA [checked]

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

pH strip #88374. - MP/acolin - 6/14/2023 10:24:39 AM

Additional H2SO4 (90128) was needed in MW-03 upon arrival at the laboratory. - MP/acolin - 6/14/2023 10:24:51 AM

Samples collected on 6/12/23 were delivered to the laboratory on 6/12/23 at 1720 (on ice - 4.8C - LTG5). pH strip #88374 - TWM/ANC/ehurley - 6/14/2023 5:56:43 PM

23060002

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey	
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A	
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:	
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:	
				Profile #:	

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

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED DATE	COLLECTED TIME	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.	
							Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ O ₂	Methanol	Other	KIN-257-141	KIN-845-141					KIN-SUP-000
							MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)											
1	KIN-MW-01		6-12-23	1233		6	2	2	2									23060002-001			
2	KIN-MW-02		6-12-23	1316		6	2	2	2									002			
3	KIN-MW-03					6	2	2	2									003			
4	KIN-MW-05					6	2	2	2									004			
5	KIN-MW-06					6	2	2	2									005			
6	KIN-MW-07		6-12-23	1510		6	2	2	2									006			
7	KIN-MW-07#S		6-12-23	DRY		6	2	2	2									007			
8	KIN-MW-08		6-12-23	1410		6	2	2	2									008			
9	KIN-MW-08#S		6-12-23	DRY		6	2	2	2									009			
10	KIN-MW-11		6-12-23	1423		6												010			
11	KIN-MW-12					6												011			
12	* KIN-MW-12#S		6/12/23	1250 *		0												012			
13	* KIN-MW-12&D		6/12/23	1248 *		0												013			
14	KIN-MW-20					6	2	2	2									014			
15	* KIN-MW-20#S					6	2	2	2									015			
16	* KIN-MW-23		6-12-23	1337		6	2	2	2									016			

PRESV 88374 TM KALC

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
KIN-23Q2 Rev 0	J Galp	6-12	1720	Justin Galp	6/12/23	1720	4.8	Y	N	Y

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	SIGNATURE of SAMPLER:				
	Justin Galp				
	[Signature]				
DATE Signed (MM/DD/YY):					
					6-12-23

* Date/Time per depth file. same 4/14/23

23060002

CHAIN-OF-CUSTODY / Analytical Request Document
 The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Section B Required Project Information: Section C Invoice Information: Page: **2** of **2**

Company: <u>Vistra Corp</u>	Report To: <u>Brian Voelker</u>	Attention: <u>Jason Stuckey</u>	
Address: <u>13498 E. 900th St</u>	Copy To: <u>Jason Stuckey</u>	Company Name: <u>Vistra Corp</u>	
Email To: <u>Brian.Voelker@VistraCorp.com</u>	Purchase Order No.:	Address: <u>see Section A</u>	
Phone: <u>(217) 753-8911</u> Fax:	Project Name:	Quote Reference:	
Requested Due Date/TAT: <u>10 day</u>	Project Number: <u>2285</u>	Project Manager:	
		Profile #:	

REGULATORY AGENCY

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

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / . -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (0=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-845-141
1	KIN-MW-27 <i>dry</i>				6-12-23	1235 *		6	2	2	2										23060002-017	
2	KIN-MW-28				6-12-23	1437 *		6	2	2	2											018
3	KIN-MW-30							6	2	2	2											019
4	KIN-MW-31							6	2	2	2											020
5	KIN-MW-31#S <i>dry</i>							6	2	2	2											021
6	KIN-MW-32							6	2	2	2											022
7	KIN-PZ4IC							6	2	2	2											023
8	KIN-XPW01-pore							6	2	2	2											024
9	KIN-XPW02-pore							6	2	2	2											025
10	KIN-XPW03-pore							6	2	2	2											026
11	KIN-XPW04-pore							6	2	2	2											027
12	KIN-XSG-01				6-12-23	1121 *		0														028
13	KIN-YSG-02				6-12-23	1115 *		0														029
14	KIN-MW-08 Duplicate				6-12-23	1710		6	2	2	2											030
15	Field Blank							6	2	2	2											031
16																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
KIN-23Q2 Rev 0	J. Corp	6-12	1720	Eligible A. H. H. H.	6/12/23	1720	

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:	<u>Justin Corp</u>				
SIGNATURE of SAMPLER:	<u>[Signature]</u>	DATE Signed (MM/DD/YY):	<u>6-12-23</u>		

23060002

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey	
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A	
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:	
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:	
				Profile #:	
				REGULATORY AGENCY	
				NPDES	
				GROUND WATER	
				DRINKING WATER	
				UST	
				RCRA	
				OTHER	
				Site Location	
				STATE: IL	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	COLLECTED DATE TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Requested Analysis Filtered (Y/N)			Residual Chlorine (Y/N)	Project No./ Lab I.D.
						Unpreserved H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₅	Methanol	Other	Analysis Test ↓	KIN-257-141	KIN-845-141	KIN-SUP-000				
																	DRINKING WATER DW	WATER WT		
1	KIN-MW-27		6-13-23 1327	6	2	2	2													23060002-017
2	KIN-MW-28		6-13-23 1232	6	2	2	2													018
3	KIN-MW-30		6-13-23 1232	6	2	2	2													019
4	KIN-MW-31		6-13-23 1150	6	2	2	2													020
5	KIN-MW-31#S		6-13-23 1140	6	2	2	2													021
6	KIN-MW-32		6-13-23 1032	6	2	2	2													022
7	KIN-PZ41C		6-13-23 1123	6	2	2	2													023
8	KIN-XPW01-pore		6-13-23 1323	6	2	2	2													024
9	KIN-XPW02-pore		6-13-23 1442	6	2	2	2													025
10	KIN-XPW03-pore		6-13-23 1249	6	2	2	2													026
11	KIN-XPW04-pore		6-13-23 1211	6	2	2	2													027
12	KIN-XSG-01			0																028
13	KIN-YSG-02			0																029
14	KIN-MW-08 Duplicate			6	2	2	2													030
15	Field Blank		6-13-23 1354	6	2	2	2													031

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
KIN-23Q2 Rev 0	J. Colp	6-13	1715	Justin Colp	6/13	1715	#1 3.6

⚡ = Well went dry after readings.
NO recharge after 24 hr

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp				
SIGNATURE of SAMPLER:	[Signature]	DATE Signed (MM/DD/YY):	6-13-23		

July 13, 2023

Eric Bauer
Ramboll
300 S. Wacker Drive
Suite 130
Chicago, IL 60606
TEL: (414) 837-3607
FAX: (414) 837-3608



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

RE: KIN-23Q2

WorkOrder: 23060003

Dear Eric Bauer:

TEKLAB, INC received 27 samples on 6/13/2023 5:15:00 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: 23060003

Client Project: KIN-23Q2

Report Date: 13-Jul-23

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	30
Dates Report	31
Receiving Check List	33
Chain of Custody	Appended

Client: Ramboll

Work Order: 23060003

Client Project: KIN-23Q2

Report Date: 13-Jul-23

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: 23060003

Client Project: KIN-23Q2

Report Date: 13-Jul-23

Qualifiers

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



Case Narrative

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

Client: Ramboll

Work Order: 23060003

Client Project: KIN-23Q2

Report Date: 13-Jul-23

Cooler Receipt Temp: 3.6 °C

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

MW-07#S, MW-08#S, MW-27 and MW-31#s could not be collected; the wells were dry.

KIN-MW-31 will be reported as collected at 1158 per raw field data. EAH 7/13/23

Analyses were performed by Pace Analytical National. 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

Springfield

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

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
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Collinsville Air

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
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Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com



Accreditations

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060003

Client Project: KIN-23Q2

Report Date: 13-Jul-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2023	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060003

Client Project: KIN-23Q2

Report Date: 13-Jul-23

Lab ID: 23060003-001

Client Sample ID: KIN-MW-01

Matrix: GROUNDWATER

Collection Date: 06/12/2023 12:33

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/07/2023 10:50	R331499



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-002
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-MW-02
Collection Date: 06/12/2023 13:16

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/07/2023 10:50	R331499



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-003
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-MW-03
Collection Date: 06/13/2023 10:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/07/2023 10:50	R331499



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-004
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-MW-05
Collection Date: 06/13/2023 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/07/2023 10:50	R331499



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-005
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-MW-06
Collection Date: 06/13/2023 13:03

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/07/2023 10:50	R331499



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-006
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-MW-07
Collection Date: 06/12/2023 15:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/07/2023 10:50	R331499



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-008
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-MW-08
Collection Date: 06/12/2023 14:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/07/2023 10:50	R331499



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-010
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-MW-11
Collection Date: 06/12/2023 14:23

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/07/2023 10:51	R331499



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-011
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-MW-12
Collection Date: 06/13/2023 14:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/07/2023 10:51	R331499



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-012
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-MW-20
Collection Date: 06/13/2023 9:41

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/07/2023 10:51	R331499



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-013
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-MW-20#S
Collection Date: 06/13/2023 10:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/07/2023 10:51	R331499



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-014
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-MW-23
Collection Date: 06/12/2023 13:37

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/07/2023 10:51	R331499



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-016
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-MW-28
Collection Date: 06/13/2023 13:27

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/06/2023 16:05	R331499



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-017
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-MW-30
Collection Date: 06/13/2023 12:32

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/06/2023 16:05	R331499



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-018
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-MW-31
Collection Date: 06/13/2023 11:58

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/06/2023 16:05	R331499



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-020
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-MW-32
Collection Date: 06/13/2023 10:32

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/06/2023 21:02	R331499



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060003

Client Project: KIN-23Q2

Report Date: 13-Jul-23

Lab ID: 23060003-021

Client Sample ID: KIN-PZ4!C

Matrix: GROUNDWATER

Collection Date: 06/13/2023 11:23

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/06/2023 21:02	R331499



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-022
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-XPW01-pore
Collection Date: 06/13/2023 13:23

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/06/2023 21:02	R331499



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-023
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-XPW02-pore
Collection Date: 06/13/2023 14:42

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/06/2023 21:02	R331499



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-024
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-XPW03-pore
Collection Date: 06/13/2023 12:49

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/06/2023 21:02	R331499



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-025
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-XPW04-pore
Collection Date: 06/13/2023 12:11

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/06/2023 17:45	R331499



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-026
Matrix: GROUNDWATER

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: KIN-MW-08 Duplicate
Collection Date: 06/12/2023 14:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/06/2023 17:45	R331499



Laboratory Results

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll
Client Project: KIN-23Q2
Lab ID: 23060003-027
Matrix: AQUEOUS

Work Order: 23060003
Report Date: 13-Jul-23
Client Sample ID: Field Blank
Collection Date: 06/13/2023 13:54

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS								
Subcontracted Analysis	*	0		See Attached		1	07/06/2023 17:45	R331499



Sample Summary

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

Client: Ramboll
Client Project: KIN-23Q2

Work Order: 23060003
Report Date: 13-Jul-23

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
23060003-001	KIN-MW-01	Groundwater	1	06/12/2023 12:33
23060003-002	KIN-MW-02	Groundwater	1	06/12/2023 13:16
23060003-003	KIN-MW-03	Groundwater	1	06/13/2023 10:45
23060003-004	KIN-MW-05	Groundwater	1	06/13/2023 11:00
23060003-005	KIN-MW-06	Groundwater	1	06/13/2023 13:03
23060003-006	KIN-MW-07	Groundwater	1	06/12/2023 15:10
23060003-007	KIN-MW-07#S	Groundwater	1	06/12/2023 0:00
23060003-008	KIN-MW-08	Groundwater	1	06/12/2023 14:10
23060003-009	KIN-MW-08#S	Groundwater	1	06/12/2023 0:00
23060003-010	KIN-MW-11	Groundwater	1	06/12/2023 14:23
23060003-011	KIN-MW-12	Groundwater	1	06/13/2023 14:15
23060003-012	KIN-MW-20	Groundwater	1	06/13/2023 9:41
23060003-013	KIN-MW-20#S	Groundwater	1	06/13/2023 10:05
23060003-014	KIN-MW-23	Groundwater	1	06/12/2023 13:37
23060003-015	KIN-MW-27	Groundwater	1	06/12/2023 0:00
23060003-016	KIN-MW-28	Groundwater	1	06/13/2023 13:27
23060003-017	KIN-MW-30	Groundwater	1	06/13/2023 12:32
23060003-018	KIN-MW-31	Groundwater	1	06/13/2023 11:58
23060003-019	KIN-MW-31#S	Groundwater	1	06/13/2023 11:40
23060003-020	KIN-MW-32	Groundwater	1	06/13/2023 10:32
23060003-021	KIN-PZ4!C	Groundwater	1	06/13/2023 11:23
23060003-022	KIN-XPW01-pore	Groundwater	1	06/13/2023 13:23
23060003-023	KIN-XPW02-pore	Groundwater	1	06/13/2023 14:42
23060003-024	KIN-XPW03-pore	Groundwater	1	06/13/2023 12:49
23060003-025	KIN-XPW04-pore	Groundwater	1	06/13/2023 12:11
23060003-026	KIN-MW-08 Duplicate	Groundwater	1	06/12/2023 14:10
23060003-027	Field Blank	Aqueous	1	06/13/2023 13:54



Dates Report

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

Client: Ramboll

Work Order: 23060003

Client Project: KIN-23Q2

Report Date: 13-Jul-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
23060003-001A	KIN-MW-01	06/12/2023 12:33	06/12/2023 17:20		
	See Attached for Subcontracting Analysis				07/07/2023 10:50
23060003-002A	KIN-MW-02	06/12/2023 13:16	06/12/2023 17:20		
	See Attached for Subcontracting Analysis				07/07/2023 10:50
23060003-003A	KIN-MW-03	06/13/2023 10:45	06/13/2023 17:15		
	See Attached for Subcontracting Analysis				07/07/2023 10:50
23060003-004A	KIN-MW-05	06/13/2023 11:00	06/13/2023 17:15		
	See Attached for Subcontracting Analysis				07/07/2023 10:50
23060003-005A	KIN-MW-06	06/13/2023 13:03	06/13/2023 17:15		
	See Attached for Subcontracting Analysis				07/07/2023 10:50
23060003-006A	KIN-MW-07	06/12/2023 15:10	06/12/2023 17:20		
	See Attached for Subcontracting Analysis				07/07/2023 10:50
23060003-008A	KIN-MW-08	06/12/2023 14:10	06/12/2023 17:20		
	See Attached for Subcontracting Analysis				07/07/2023 10:50
23060003-010A	KIN-MW-11	06/12/2023 14:23	06/12/2023 17:20		
	See Attached for Subcontracting Analysis				07/07/2023 10:51
23060003-011A	KIN-MW-12	06/13/2023 14:15	06/13/2023 17:15		
	See Attached for Subcontracting Analysis				07/07/2023 10:51
23060003-012A	KIN-MW-20	06/13/2023 9:41	06/13/2023 17:15		
	See Attached for Subcontracting Analysis				07/07/2023 10:51
23060003-013A	KIN-MW-20#S	06/13/2023 10:05	06/13/2023 17:15		
	See Attached for Subcontracting Analysis				07/07/2023 10:51
23060003-014A	KIN-MW-23	06/12/2023 13:37	06/12/2023 17:20		
	See Attached for Subcontracting Analysis				07/07/2023 10:51
23060003-016A	KIN-MW-28	06/13/2023 13:27	06/13/2023 17:15		
	See Attached for Subcontracting Analysis				07/06/2023 16:05
23060003-017A	KIN-MW-30	06/13/2023 12:32	06/13/2023 17:15		
	See Attached for Subcontracting Analysis				07/06/2023 16:05
23060003-018A	KIN-MW-31	06/13/2023 11:58	06/13/2023 17:15		
	See Attached for Subcontracting Analysis				07/06/2023 16:05
23060003-020A	KIN-MW-32	06/13/2023 10:32	06/13/2023 17:15		
	See Attached for Subcontracting Analysis				07/06/2023 21:02
23060003-021A	KIN-PZ4!C	06/13/2023 11:23	06/13/2023 17:15		
	See Attached for Subcontracting Analysis				07/06/2023 21:02
23060003-022A	KIN-XPW01-pore	06/13/2023 13:23	06/13/2023 17:15		



Dates Report

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

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

Client: Ramboll

Work Order: 23060003

Client Project: KIN-23Q2

Report Date: 13-Jul-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	See Attached for Subcontracting Analysis				07/06/2023 21:02
23060003-023A	KIN-XPW02-pore	06/13/2023 14:42	06/13/2023 17:15		
	See Attached for Subcontracting Analysis				07/06/2023 21:02
23060003-024A	KIN-XPW03-pore	06/13/2023 12:49	06/13/2023 17:15		
	See Attached for Subcontracting Analysis				07/06/2023 21:02
23060003-025A	KIN-XPW04-pore	06/13/2023 12:11	06/13/2023 17:15		
	See Attached for Subcontracting Analysis				07/06/2023 17:45
23060003-026A	KIN-MW-08 Duplicate	06/12/2023 14:10	06/12/2023 17:20		
	See Attached for Subcontracting Analysis				07/06/2023 17:45
23060003-027A	Field Blank	06/13/2023 13:54	06/13/2023 17:15		
	See Attached for Subcontracting Analysis				07/06/2023 17:45



Receiving Check List

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

Client: Ramboll

Work Order: 23060003

Client Project: KIN-23Q2

Report Date: 13-Jul-23

Carrier: Justin Colp

Received By: ANC

Completed by:

Reviewed by:

On:

14-Jun-23

Allison Colin

On:

14-Jun-23

Ellie Hopkins

Pages to follow: Chain of custody

Extra pages included

- Shipping container/cooler in good condition? Yes No Not Present Temp °C **3.6**
- Type of thermal preservation? None Ice Blue Ice Dry Ice
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Reported field parameters measured: Field Lab NA
- Container/Temp Blank temperature in compliance? Yes No

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

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

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

pH strip #88374 - CET/acolin - 6/14/2023 10:28:05 AM

Additional HNO3 (90404) was needed in MW-32, MW-2, MW-5, MW-8, MW-12, MW-30, MW-31, and XPW03 upon arrival at the laboratory. - CET/acolin - 6/14/2023 10:28:42 AM

Samples collected on 6/12/23 were delivered to the laboratory on 6/12/23 at 1720 (on ice - 4.8C - LTG#5). pH strip #88374 - CET/ehurley - 6/14/2023 6:08:20 PM

23060003

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 2

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey	
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A	
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:	
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:	
				Profile #:	
REGULATORY AGENCY					
NPDES		GROUND WATER		DRINKING WATER	
UST		RCRA		OTHER	
Site Location				IL	
STATE:					

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / .) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WF WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WPE 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							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 ₅	Methanol	Other	Analysis Test	Y/N			Y/N	Y/N				
																							KIN-257-141	KIN-845-141	KIN-SUP-000	
1	KIN-MW-01				6-12-23	1233	2				2														23060003-001	
2	KIN-MW-02				6-12-23	1316	2				2															002
3	KIN-MW-03						2				2															003
4	KIN-MW-05						2				2															004
5	KIN-MW-06						2				2															005
6	KIN-MW-07				6-12-23	1510	2				2															006
7	KIN-MW-07#S				6-12-23	084	2				2															007
8	KIN-MW-08				6-12-23	1910	2				2															008
9	KIN-MW-08#S				6-12-23	084	2				2															009
10	KIN-MW-11				6-12-23	1423	2				2															010
11	KIN-MW-12						2				2															011
12	KIN-MW-12#S																									
13	KIN-MW-12&D																									
14	KIN-MW-20						2				2															012
15	KIN-MW-20#S						2				2															013
16	KIN-MW-23				6-12-23	1337	2				2															014

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
KIN-23Q2 Rev 0		J-GSP		6-12	1700	Elizabeth A. Hawley		6/12/23	1720	#5	Y	N	Y
Bottle/228 only										4.8			
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 GSP					SIGNATURE of SAMPLER: [Signature]								
										DATE Signed (MM/DD/YY): 6-12-23			

23060003

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of 2

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		REGULATORY AGENCY		
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey		NPDES GROUND WATER DRINKING WATER		
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp		UST RCRA OTHER		
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A		Site Location		
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:		STATE: IL		
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:		Residual Chlorine (Y/N)		
				Profile #:		Requested Analysis Filtered (Y/N)		

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	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.
						Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol				
	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	DATE TIME													
1	KIN-MW-27 <i>dry</i>		6-17-23 <i>1437 J</i>		2		2					✓	✓		23060003-015	
2	KIN-MW-28				2		2					✓	✓		016	
3	KIN-MW-30				2		2					✓	✓		017	
4	KIN-MW-31				2		2					✓	✓		018	
5	KIN-MW-31#S <i>dry</i>				2		2					✓	✓		019	
6	KIN-MW-32				2		2					✓	✓		020	
7	KIN-PZ41C				2		2					✓	✓		021	
8	KIN-XPW01-pore				2		2					✓	✓		022	
9	KIN-XPW02-pore				2		2					✓	✓		023	
10	KIN-XPW03-pore				2		2					✓	✓		024	
11	KIN-XPW04-pore				2		2					✓	✓		025	
12	KIN-XSG-01															
13	KIN-YSG-02															
14	KIN-MW-08 Duplicate		<i>6-17-23</i> <i>M10</i>		2		2					✓	✓		026	
15	Field Blank				2		2					✓	✓		027	
16																

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
KIN-23Q2 Rev 0 <i>Revised/2023 only.</i>	<i>J. Gelp</i>	<i>6-12</i>	<i>1700</i>	<i>Elizabeth Anthony</i>	<i>6/12/23</i>	<i>1720</i>	

** Date/time per depth file: ext 6/14/23*

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	SIGNATURE of SAMPLER:				
<i>Justin Gelp</i>	<i>[Signature]</i>				
DATE Signed (MM/DD/YY):					
<i>6-12-23</i>					

23060003

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:		REGULATORY AGENCY		
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey		NPDES GROUND WATER DRINKING WATER		
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp		UST RCRA OTHER		
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A		Site Location:		IL
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:		STATE:		
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:				
				Profile #:				

ITEM #	Section D Required Client information SAMPLE ID (A-Z, 0-9 / .) Sample IDs MUST BE UNIQUE	Valid Matrix Codes		MATRIX CODE	SAMPLE TYPE (see valid codes to left)	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.
		MATRIX	CODE				DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other				
		DRINKING WATER WATER WASTE WATER PRODUCT SOIL/SOLID OIL WIPE AIR OTHER TISSUE	DW WF VW P SL OL WP AR OT TS																			
1	KIN-MW-01								2		2											23060003-001
2	KIN-MW-02								2		2											002
3	KIN-MW-03						6-13-23	1045	2		2											003
4	KIN-MW-05						6-13-23	1100	2		2											004
5	KIN-MW-06						6-13-23	1303	2		2											005
6	KIN-MW-07								2		2											006
7	KIN-MW-07#S								2		2											007
8	KIN-MW-08								2		2											008
9	KIN-MW-08#S								2		2											009
10	KIN-MW-11								2		2											010
11	KIN-MW-12						6-13-23	1415	2		2											011
12	KIN-MW-12#S																					
13	KIN-MW-12&D																					
14	KIN-MW-20						6-13-23	0941	2		2											012
15	KIN-MW-20#S						6-13-23	1005	2		2											013
16	KIN-MW-23								2		2											014

ADD HNO₃ solution to 1/2 MW-32
ADD HNO₃ to 2/2 MW-5, MW-08, MW-12, MW-30, MW-31, X pres 2
C&S 6-14-23
one for 202.

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
KIN-23Q2 Rev 0 Re 2306/228 only.	J. Gelp	6-13	1715	Justin Gelp	6/13	1715	#1	Y	N
							3-6		

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	SIGNATURE of SAMPLER:				
Justin Gelp	<i>[Signature]</i>				
		DATE Signed (MM/DD/YY):	6-13-23		

23060003

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 2 of 2	
Company: Vistra Corp		Report To: Brian Voelker		Attention: Jason Stuckey			
Address: 13498 E. 900th St		Copy To: Jason Stuckey		Company Name: Vistra Corp		REGULATORY AGENCY	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A		NPDES GROUND WATER DRINKING WATER UST RCRA OTHER	
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:		Site Location IL STATE:	
Requested Due Date/TAT: 10 day		Project Number: 2285		Project Manager:			
				Profile #:			

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	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
1	KIN-MW-27 <i>* Dry</i>						2		2						✓	✓		23060003-015		
2	KIN-MW-28				6-13-23	1327	2		2						✓	✓		016		
3	KIN-MW-30				↓	1232	2		2						✓	✓		017		
4	KIN-MW-31				↓	1150	2		2						✓	✓		018		
5	KIN-MW-31#S <i>* Dry</i>				↓	1140	2		2						✓	✓		019		
6	KIN-MW-32				↓	1032	2		2						✓	✓		020		
7	KIN-PZ4IC				↓	1123	2		2						✓	✓		021		
8	KIN-XPW01-pore				↓	1323	2		2						✓	✓		022		
9	KIN-XPW02-pore				6-13-23	1442	2		2						✓	✓		023		
10	KIN-XPW03-pore				6-13-23	1249	2		2						✓	✓		024		
11	KIN-XPW04-pore				6-13-23	1211	2		2						✓	✓		025		
12	KIN-XSG-01																			
13	KIN-YSG-02																			
14	KIN-MW-08 Duplicate						2		2						✓	✓		026		
15	Field Blank				6-13-23	1354	2		2						✓	✓		027		
16																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
KIN-23Q2 Rev 0	J. Colp	6-13	1715	<i>Jason Colp</i>	6/13	1715	#1		
<i>2306/228 only.</i>							3.6		

* = Well went dry after readings.
NO recharge after 24 hr.

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER: <i>Jason Colp</i>		DATE Signed (MM/DD/YYYY): <i>6-13-23</i>	
SIGNATURE of SAMPLER: <i>[Signature]</i>			
Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)



ANALYTICAL REPORT

July 13, 2023

Revised Report

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

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

TEKLAB, Inc.

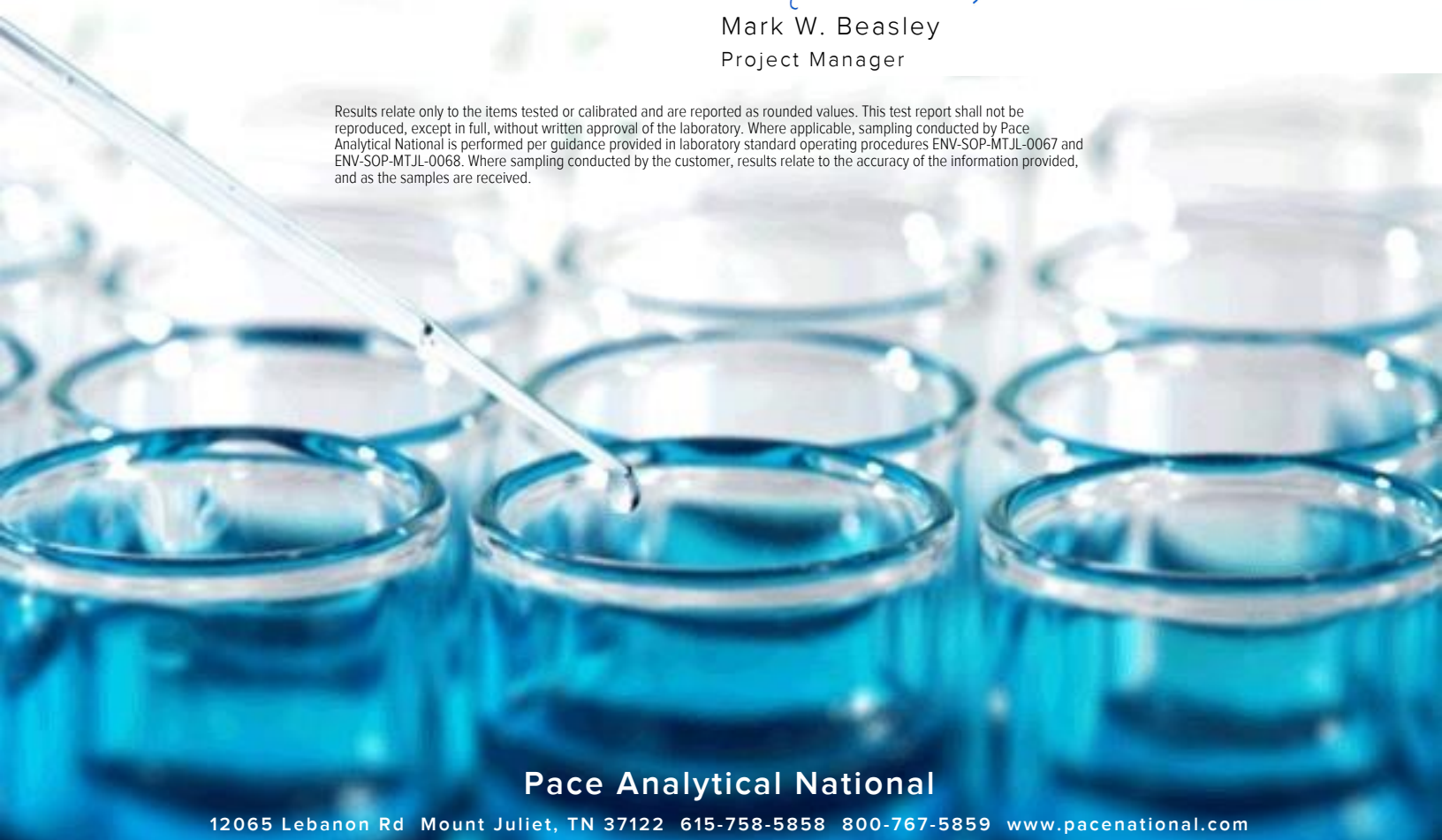
Sample Delivery Group: L1628140
 Samples Received: 06/21/2023
 Project Number: 23060003
 Description:

Report To: Elizabeth Hurley
 5445 Horseshoe Lake Road
 Collinsville, IL 62234

Entire Report Reviewed By:

Mark W. Beasley
Project Manager

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



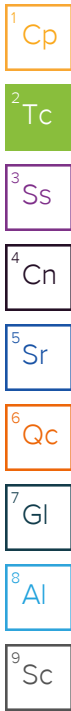
Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	7
Sr: Sample Results	8
23060003-001 L1628140-01	8
23060003-002 L1628140-02	9
23060003-003 L1628140-03	10
23060003-004 L1628140-04	11
23060003-005 L1628140-05	12
23060003-006 L1628140-06	13
23060003-008 L1628140-07	14
23060003-010 L1628140-08	15
23060003-011 L1628140-09	16
23060003-012 L1628140-10	17
23060003-013 L1628140-11	18
23060003-014 L1628140-12	19
23060003-016 L1628140-13	20
23060003-017 L1628140-14	21
23060003-018 L1628140-15	22
23060003-020 L1628140-16	23
23060003-021 L1628140-17	24
23060003-022 L1628140-18	25
23060003-023 L1628140-19	26
23060003-024 L1628140-20	27
23060003-025 L1628140-21	28
23060003-026 L1628140-22	29
23060003-027 L1628140-23	30
Qc: Quality Control Summary	31
Radiochemistry by Method 904/9320	31
Radiochemistry by Method SM7500Ra B M	33
Gl: Glossary of Terms	35
Al: Accreditations & Locations	36
Sc: Sample Chain of Custody	37



SAMPLE SUMMARY ATTACHMENT B.

845 QUARTERLY REPORT - QUARTER 2, 2023

KINCAID POWER PLANT ASH POND

Client KIN-845-141 06/12/23 12:33 06/21/23 09:00

23060003-001 L1628140-01 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087592	1	06/30/23 13:42	07/10/23 16:12	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/10/23 16:12	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:50	RGT	Mt. Juliet, TN

Collected by Client Collected date/time 06/12/23 13:16 Received date/time 06/21/23 09:00

23060003-002 L1628140-02 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087592	1	06/30/23 13:42	07/10/23 16:12	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/10/23 16:12	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:50	RGT	Mt. Juliet, TN

Collected by Client Collected date/time 06/13/23 10:45 Received date/time 06/21/23 09:00

23060003-003 L1628140-03 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087592	1	06/30/23 13:42	07/10/23 16:12	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/10/23 16:12	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:50	RGT	Mt. Juliet, TN

Collected by Client Collected date/time 06/13/23 11:00 Received date/time 06/21/23 09:00

23060003-004 L1628140-04 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087592	1	06/30/23 13:42	07/10/23 21:13	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/10/23 21:13	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:50	RGT	Mt. Juliet, TN

Collected by Client Collected date/time 06/13/23 13:03 Received date/time 06/21/23 09:00

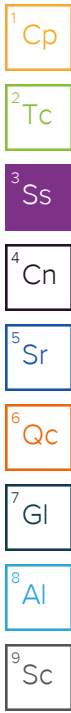
23060003-005 L1628140-05 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087592	1	06/30/23 13:42	07/10/23 21:13	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/10/23 21:13	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:50	RGT	Mt. Juliet, TN

Collected by Client Collected date/time 06/12/23 15:10 Received date/time 06/21/23 09:00

23060003-006 L1628140-06 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087592	1	06/30/23 13:42	07/10/23 21:13	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/10/23 21:13	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:50	RGT	Mt. Juliet, TN



SAMPLE SUMMARY ATTACHMENT B.

845 QUARTERLY REPORT - QUARTER 2, 2023

KINCAID POWER PLANT ASH POND

Client KIN-845-141 06/12/23 14:10 06/21/23 09:00

23060003-008 L1628140-07 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087592	1	06/30/23 13:42	07/10/23 21:13	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/10/23 21:13	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:50	RGT	Mt. Juliet, TN

Collected by Client Collected date/time 06/12/23 14:23 Received date/time 06/21/23 09:00

23060003-010 L1628140-08 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087592	1	06/30/23 13:42	07/10/23 21:13	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/10/23 21:13	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:51	RGT	Mt. Juliet, TN

Collected by Client Collected date/time 06/13/23 14:15 Received date/time 06/21/23 09:00

23060003-011 L1628140-09 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087592	1	06/30/23 13:42	07/10/23 21:13	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/10/23 21:13	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:51	RGT	Mt. Juliet, TN

Collected by Client Collected date/time 06/13/23 09:41 Received date/time 06/21/23 09:00

23060003-012 L1628140-10 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087592	1	06/30/23 13:42	07/10/23 21:13	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/10/23 21:13	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:51	RGT	Mt. Juliet, TN

Collected by Client Collected date/time 06/13/23 10:05 Received date/time 06/21/23 09:00

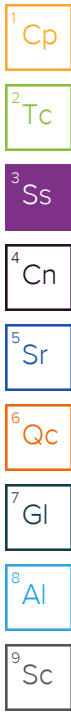
23060003-013 L1628140-11 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087592	1	06/30/23 13:42	07/10/23 21:13	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/10/23 21:13	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:51	RGT	Mt. Juliet, TN

Collected by Client Collected date/time 06/12/23 13:37 Received date/time 06/21/23 09:00

23060003-014 L1628140-12 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087592	1	06/30/23 13:42	07/10/23 21:13	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/10/23 21:13	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:51	RGT	Mt. Juliet, TN



SAMPLE SUMMARY ATTACHMENT B.

845 QUARTERLY REPORT - QUARTER 2, 2023

KINCAID POWER PLANT ASH POND

Client KIN-845-141 06/13/23 13:27 06/21/23 09:00

23060003-016 L1628140-13 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087690	1	06/30/23 17:42	07/06/23 16:05	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/07/23 10:51	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:51	RGT	Mt. Juliet, TN

Collected by Client Collected date/time 06/13/23 12:32 Received date/time 06/21/23 09:00

23060003-017 L1628140-14 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087690	1	06/30/23 17:42	07/06/23 16:05	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/07/23 10:51	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:51	RGT	Mt. Juliet, TN

Collected by Client Collected date/time 06/13/23 11:58 Received date/time 06/21/23 09:00

23060003-018 L1628140-15 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087690	1	06/30/23 17:42	07/06/23 16:05	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/07/23 10:51	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:51	RGT	Mt. Juliet, TN

Collected by Client Collected date/time 06/13/23 10:32 Received date/time 06/21/23 09:00

23060003-020 L1628140-16 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087690	1	06/30/23 17:42	07/06/23 21:02	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/07/23 10:51	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:51	RGT	Mt. Juliet, TN

Collected by Client Collected date/time 06/13/23 11:23 Received date/time 06/21/23 09:00

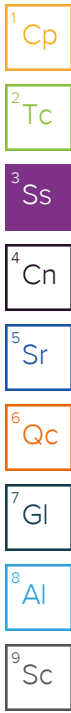
23060003-021 L1628140-17 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087690	1	06/30/23 17:42	07/06/23 21:02	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/07/23 10:51	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:51	RGT	Mt. Juliet, TN

Collected by Client Collected date/time 06/13/23 13:23 Received date/time 06/21/23 09:00

23060003-022 L1628140-18 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087690	1	06/30/23 17:42	07/06/23 21:02	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/07/23 10:51	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:51	RGT	Mt. Juliet, TN



SAMPLE SUMMARY ATTACHMENT B.

845 QUARTERLY REPORT - QUARTER 2, 2023

KINCAID POWER PLANT ASH POND

Client KIN-845-141 06/13/23 14:42 06/21/23 09:00

23060003-023 L1628140-19 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087690	1	06/30/23 17:42	07/06/23 21:02	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/07/23 10:51	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:51	RGT	Mt. Juliet, TN

Collected by Client Collected date/time 06/13/23 12:49 Received date/time 06/21/23 09:00

23060003-024 L1628140-20 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087690	1	06/30/23 17:42	07/06/23 21:02	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087647	1	07/05/23 10:11	07/07/23 10:51	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087647	1	07/05/23 10:11	07/07/23 10:51	RGT	Mt. Juliet, TN

Collected by Client Collected date/time 06/13/23 12:11 Received date/time 06/21/23 09:00

23060003-025 L1628140-21 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087690	1	06/30/23 17:42	07/06/23 21:02	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087644	1	07/05/23 11:52	07/06/23 21:02	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087644	1	07/05/23 11:52	07/06/23 17:45	RGT	Mt. Juliet, TN

Collected by Client Collected date/time 06/12/23 14:10 Received date/time 06/21/23 09:00

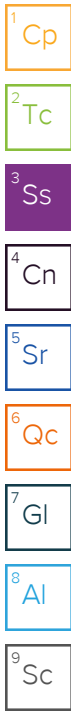
23060003-026 L1628140-22 Non-Potable Water

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087690	1	06/30/23 17:42	07/06/23 21:02	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087644	1	07/05/23 11:52	07/06/23 21:02	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087644	1	07/05/23 11:52	07/06/23 17:45	RGT	Mt. Juliet, TN

Collected by Client Collected date/time 06/13/23 13:54 Received date/time 06/21/23 09:00

23060003-027 L1628140-23 Non-Potable Water

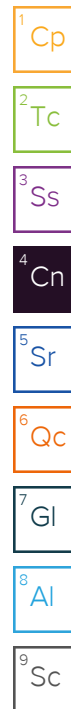
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Radiochemistry by Method 904/9320	WG2087690	1	06/30/23 17:42	07/06/23 21:02	SNR	Mt. Juliet, TN
Radiochemistry by Method Calculation	WG2087644	1	07/05/23 11:52	07/06/23 21:02	SNR	Mt. Juliet, TN
Radiochemistry by Method SM7500Ra B M	WG2087644	1	07/05/23 11:52	07/06/23 17:45	RGT	Mt. Juliet, TN



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



Mark W. Beasley
Project Manager



Report Revision History

Level II Report - Version 1: 07/12/23 21:43

Project Narrative

Revised collection time

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.214	J	0.219	0.406	07/10/2023 16:12	WG2087592
(T) Barium	92.9			30.0-143	07/10/2023 16:12	WG2087592
(T) Yttrium	103			30.0-136	07/10/2023 16:12	WG2087592

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

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.279	J	0.282	0.506	07/10/2023 16:12	WG2087647

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.0651	U	0.177	0.302	07/07/2023 10:50	WG2087647
(T) Barium-133	92.3			30.0-143	07/07/2023 10:50	WG2087647

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	7.31		0.684	1.04	07/10/2023 16:12	WG2087592
(T) Barium	92.3			30.0-143	07/10/2023 16:12	WG2087592
(T) Yttrium	102			30.0-136	07/10/2023 16:12	WG2087592

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

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	9.33		0.946	1.13	07/10/2023 16:12	WG2087647

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	2.02		0.653	0.430	07/07/2023 10:50	WG2087647
(T) Barium-133	69.4			30.0-143	07/07/2023 10:50	WG2087647

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.218	<u>U</u>	0.273	0.507	07/10/2023 16:12	WG2087592
(T) Barium	82.4			30.0-143	07/10/2023 16:12	WG2087592
(T) Yttrium	104			30.0-136	07/10/2023 16:12	WG2087592

1 Cp

2 Tc

3 Ss

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	2.75		0.750	0.621	07/10/2023 16:12	WG2087647

4 Cn

5 Sr

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	2.53		0.699	0.358	07/07/2023 10:50	WG2087647
(T) Barium-133	82.6			30.0-143	07/07/2023 10:50	WG2087647

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.426	J	0.269	0.504	07/10/2023 21:13	WG2087592
(T) Barium	93.8			30.0-143	07/10/2023 21:13	WG2087592
(T) Yttrium	112			30.0-136	07/10/2023 21:13	WG2087592

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	2.29		0.647	0.645	07/10/2023 21:13	WG2087647

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	1.87		0.588	0.403	07/07/2023 10:50	WG2087647
(T) Barium-133	81.0			30.0-143	07/07/2023 10:50	WG2087647

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

Radiochemistry by Method 904/9320

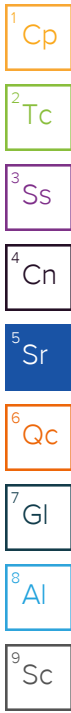
Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	1.45		0.331	0.592	07/10/2023 21:13	WG2087592
(T) Barium	74.4			30.0-143	07/10/2023 21:13	WG2087592
(T) Yttrium	121			30.0-136	07/10/2023 21:13	WG2087592

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.49		0.380	0.687	07/10/2023 21:13	WG2087647

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.0335	<u>U</u>	0.187	0.349	07/07/2023 10:50	WG2087647
(T) Barium-133	84.7			30.0-143	07/07/2023 10:50	WG2087647



Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.176	<u>U</u>	0.288	0.551	07/10/2023 21:13	WG2087592
(T) Barium	79.9			30.0-143	07/10/2023 21:13	WG2087592
(T) Yttrium	110			30.0-136	07/10/2023 21:13	WG2087592

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

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.296	<u>J</u>	0.346	0.625	07/10/2023 21:13	WG2087647

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.120	<u>J</u>	0.191	0.296	07/07/2023 10:50	WG2087647
(T) Barium-133	74.9			30.0-143	07/07/2023 10:50	WG2087647

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.704		0.274	0.505	07/10/2023 21:13	WG2087592
(T) Barium	78.0			30.0-143	07/10/2023 21:13	WG2087592
(T) Yttrium	105			30.0-136	07/10/2023 21:13	WG2087592

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.990		0.394	0.621	07/10/2023 21:13	WG2087647

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.286	J	0.283	0.361	07/07/2023 10:50	WG2087647
(T) Barium-133	75.8			30.0-143	07/07/2023 10:50	WG2087647

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

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.928		0.303	0.553	07/10/2023 21:13	WG2087592
(T) Barium	93.4			30.0-143	07/10/2023 21:13	WG2087592
(T) Yttrium	97.8			30.0-136	07/10/2023 21:13	WG2087592

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

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.54		0.442	0.596	07/10/2023 21:13	WG2087647

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.611		0.322	0.221	07/07/2023 10:51	WG2087647
(T) Barium-133	74.3			30.0-143	07/07/2023 10:51	WG2087647

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.643		0.296	0.549	07/10/2023 21:13	WG2087592
(T) Barium	87.0			30.0-143	07/10/2023 21:13	WG2087592
(T) Yttrium	110			30.0-136	07/10/2023 21:13	WG2087592

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.52		0.525	0.646	07/10/2023 21:13	WG2087647

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.874		0.433	0.341	07/07/2023 10:51	WG2087647
(T) Barium-133	71.6			30.0-143	07/07/2023 10:51	WG2087647

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

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.460	J	0.322	0.607	07/10/2023 21:13	WG2087592
(T) Barium	93.8			30.0-143	07/10/2023 21:13	WG2087592
(T) Yttrium	107			30.0-136	07/10/2023 21:13	WG2087592

1 Cp

2 Tc

3 Ss

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.742		0.395	0.648	07/10/2023 21:13	WG2087647

4 Cn

5 Sr

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.282		0.228	0.226	07/07/2023 10:51	WG2087647
(T) Barium-133	67.2			30.0-143	07/07/2023 10:51	WG2087647

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	-0.423	<u>U</u>	0.306	0.600	07/10/2023 21:13	WG2087592
(T) Barium	85.2			30.0-143	07/10/2023 21:13	WG2087592
(T) Yttrium	117			30.0-136	07/10/2023 21:13	WG2087592

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.000	<u>U</u>	0.335	0.684	07/10/2023 21:13	WG2087647

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	-0.0181	<u>U</u>	0.137	0.329	07/07/2023 10:51	WG2087647
(T) Barium-133	71.3			30.0-143	07/07/2023 10:51	WG2087647

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

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.687		0.263	0.485	07/10/2023 21:13	WG2087592
(T) Barium	88.4			30.0-143	07/10/2023 21:13	WG2087592
(T) Yttrium	110			30.0-136	07/10/2023 21:13	WG2087592

¹Cp

²Tc

³Ss

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.923		0.348	0.562	07/10/2023 21:13	WG2087647

⁴Cn

⁵Sr

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.236	J	0.228	0.283	07/07/2023 10:51	WG2087647
(T) Barium-133	82.3			30.0-143	07/07/2023 10:51	WG2087647

⁶Qc

⁷Gl

⁸Al

⁹Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.0923	<u>U</u>	0.240	0.451	07/06/2023 16:05	WG2087690
(T) Barium	88.0			30.0-143	07/06/2023 16:05	WG2087690
(T) Yttrium	107			30.0-136	07/06/2023 16:05	WG2087690

¹Cp

²Tc

³Ss

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.494	<u>J</u>	0.412	0.603	07/07/2023 10:51	WG2087647

⁴Cn

⁵Sr

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.402		0.335	0.401	07/07/2023 10:51	WG2087647
(T) Barium-133	81.0			30.0-143	07/07/2023 10:51	WG2087647

⁶Qc

⁷Gl

⁸Al

⁹Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	-0.579	<u>U</u>	0.256	0.506	07/06/2023 16:05	WG2087690
(T) Barium	83.1			30.0-143	07/06/2023 16:05	WG2087690
(T) Yttrium	100			30.0-136	07/06/2023 16:05	WG2087690

¹Cp

²Tc

³Ss

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.453	<u>J</u>	0.400	0.578	07/07/2023 10:51	WG2087647

⁴Cn

⁵Sr

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.453		0.307	0.279	07/07/2023 10:51	WG2087647
(T) Barium-133	77.9			30.0-143	07/07/2023 10:51	WG2087647

⁶Qc

⁷Gl

⁸Al

⁹Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.224	<u>U</u>	0.284	0.527	07/06/2023 16:05	WG2087690
(T) Barium	84.8			30.0-143	07/06/2023 16:05	WG2087690
(T) Yttrium	111			30.0-136	07/06/2023 16:05	WG2087690

¹Cp

²Tc

³Ss

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.568	<u>J</u>	0.405	0.619	07/07/2023 10:51	WG2087647

⁴Cn

⁵Sr

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.344		0.289	0.324	07/07/2023 10:51	WG2087647
(T) Barium-133	77.1			30.0-143	07/07/2023 10:51	WG2087647

⁶Qc

⁷Gl

⁸Al

⁹Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.115	<u>U</u>	0.292	0.554	07/06/2023 21:02	WG2087690
(T) Barium	90.0			30.0-143	07/06/2023 21:02	WG2087690
(T) Yttrium	97.7			30.0-136	07/06/2023 21:02	WG2087690

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.243	<u>U</u>	0.366	0.653	07/07/2023 10:51	WG2087647

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.128	<u>J</u>	0.221	0.345	07/07/2023 10:51	WG2087647
(T) Barium-133	80.2			30.0-143	07/07/2023 10:51	WG2087647

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

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	-0.214	<u>U</u>	0.264	0.511	07/06/2023 21:02	WG2087690
(T) Barium	92.7			30.0-143	07/06/2023 21:02	WG2087690
(T) Yttrium	126			30.0-136	07/06/2023 21:02	WG2087690

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.426	<u>J</u>	0.416	0.627	07/07/2023 10:51	WG2087647

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.426		0.321	0.363	07/07/2023 10:51	WG2087647
(T) Barium-133	85.5			30.0-143	07/07/2023 10:51	WG2087647

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.443	J	0.264	0.492	07/06/2023 21:02	WG2087690
(T) Barium	81.1			30.0-143	07/06/2023 21:02	WG2087690
(T) Yttrium	113			30.0-136	07/06/2023 21:02	WG2087690

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.684		0.372	0.604	07/07/2023 10:51	WG2087647

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.241	J	0.262	0.351	07/07/2023 10:51	WG2087647
(T) Barium-133	83.6			30.0-143	07/07/2023 10:51	WG2087647

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

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.297	J	0.256	0.482	07/06/2023 21:02	WG2087690
(T) Barium	79.9			30.0-143	07/06/2023 21:02	WG2087690
(T) Yttrium	122			30.0-136	07/06/2023 21:02	WG2087690

1 Cp

2 Tc

3 Ss

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.635		0.354	0.535	07/07/2023 10:51	WG2087647

4 Cn

5 Sr

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.338		0.244	0.233	07/07/2023 10:51	WG2087647
(T) Barium-133	72.3			30.0-143	07/07/2023 10:51	WG2087647

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.0925	<u>U</u>	0.326	0.621	07/06/2023 21:02	WG2087690
(T) Barium	80.6			30.0-143	07/06/2023 21:02	WG2087690
(T) Yttrium	109			30.0-136	07/06/2023 21:02	WG2087690

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.240	<u>U</u>	0.367	0.657	07/07/2023 10:51	WG2087647

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.148	<u>J</u>	0.168	0.216	07/07/2023 10:51	WG2087647
(T) Barium-133	78.0			30.0-143	07/07/2023 10:51	WG2087647

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

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.710		0.270	0.493	07/06/2023 21:02	WG2087690
(T) Barium	90.3			30.0-143	07/06/2023 21:02	WG2087690
(T) Yttrium	108			30.0-136	07/06/2023 21:02	WG2087690

1 Cp

2 Tc

3 Ss

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	1.09		0.416	0.632	07/06/2023 21:02	WG2087644

4 Cn

5 Sr

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.379	J	0.317	0.396	07/06/2023 17:45	WG2087644
(T) Barium-133	88.6			30.0-143	07/06/2023 17:45	WG2087644

6 Qc

7 Gl

8 Al

9 Sc

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.334	J	0.236	0.442	07/06/2023 21:02	WG2087690
(T) Barium	85.5			30.0-143	07/06/2023 21:02	WG2087690
(T) Yttrium	120			30.0-136	07/06/2023 21:02	WG2087690

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.395	J	0.288	0.524	07/06/2023 21:02	WG2087644

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.0608	U	0.165	0.282	07/06/2023 17:45	WG2087644
(T) Barium-133	98.8			30.0-143	07/06/2023 17:45	WG2087644

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

Radiochemistry by Method 904/9320

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-228	0.670		0.257	0.469	07/06/2023 21:02	WG2087690
(T) Barium	95.3			30.0-143	07/06/2023 21:02	WG2087690
(T) Yttrium	123			30.0-136	07/06/2023 21:02	WG2087690

¹Cp

²Tc

³Ss

Radiochemistry by Method Calculation

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
Combined Radium	0.751		0.315	0.556	07/06/2023 21:02	WG2087644

⁴Cn

⁵Sr

Radiochemistry by Method SM7500Ra B M

Analyte	Result	Qualifier	Uncertainty	MDA	Analysis Date	Batch
	pCi/l		+ / -	pCi/l	date / time	
RADIUM-226	0.0812	<u>U</u>	0.183	0.298	07/06/2023 17:45	WG2087644
(T) Barium-133	105			30.0-143	07/06/2023 17:45	WG2087644

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3947046-1 07/10/23 16:12

Analyte	MB Result pCi/l	MB Qualifier	MB Uncertainty + / -	MB MDA pCi/l
Radium-228	-0.379	<u>U</u>	0.168	0.327
(T) Barium	100		100	
(T) Yttrium	122		122	

L1628140-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1628140-10 07/10/23 21:13 • (DUP) R3947046-5 07/10/23 16:12

Analyte	Original Result pCi/l	Original Uncertainty + / -	Original MDA pCi/l	DUP Result pCi/l	DUP Uncertainty + / -	DUP MDA pCi/l	Dilution	DUP RPD %	DUP RER	DUP Qualifier	DUP RPD Limits %	DUP RER Limit
Radium-228	0.460	0.322	0.607	1.18	0.472	0.607	1	88.2	1.27		20	3
(T) Barium	93.8			82.5	82.5							
(T) Yttrium	107			113	113							

Laboratory Control Sample (LCS)

(LCS) R3947046-2 07/10/23 16:12

Analyte	Spike Amount pCi/l	LCS Result pCi/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Radium-228	5.00	5.09	102	80.0-120	
(T) Barium			98.5		
(T) Yttrium			107		

L1623583-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1623583-01 07/10/23 16:12 • (MS) R3947046-3 07/10/23 16:12 • (MSD) R3947046-4 07/10/23 16:12

Analyte	Spike Amount pCi/l	Original Result pCi/l	MS Result pCi/l	MSD Result pCi/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	MS RER	RPD Limits %
Radium-228	16.7	-0.477	19.7	18.0	118	108	1	70.0-130			9.08		20
(T) Barium		85.0			82.7	93.5							
(T) Yttrium		119			116	118							

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3947048-1 07/06/23 16:05

Analyte	MB Result	MB Qualifier	MB Uncertainty	MB MDA
	pCi/l		+ / -	pCi/l
Radium-228	-0.208	<u>U</u>	0.192	0.367
(T) Barium	91.7		91.7	
(T) Yttrium	110		110	

L1623626-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1623626-01 07/06/23 16:05 • (DUP) R3947048-5 07/06/23 16:05

Analyte	Original Result	Original Uncertainty	Original MDA	DUP Result	DUP Uncertainty	DUP MDA	Dilution	DUP RPD	DUP RER	DUP Qualifier	DUP RPD Limits	DUP RER Limit
	pCi/l	+ / -	pCi/l	pCi/l	+ / -	pCi/l		%			%	
Radium-228	0.217	0.246	0.00440	0.258	0.393	0.00440	1	17.3	0.0884	<u>U</u>	20	3
(T) Barium	88.9			96.6	96.6							
(T) Yttrium	94.6			108	108							

Laboratory Control Sample (LCS)

(LCS) R3947048-2 07/06/23 16:05

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	pCi/l	pCi/l	%	%	
Radium-228	5.00	4.95	99.1	80.0-120	
(T) Barium			89.2		
(T) Yttrium			125		

L1623409-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1623409-01 07/06/23 16:05 • (MS) R3947048-3 07/06/23 16:05 • (MSD) R3947048-4 07/06/23 16:05

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	MS RER	RPD Limits
	pCi/l	pCi/l	pCi/l	pCi/l	%	%		%			%		%
Radium-228	10.0	0.127	10.4	11.2	103	111	1	70.0-130			7.51		20
(T) Barium		92.6			99.8	89.4							
(T) Yttrium		109			109	115							

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3946754-1 07/06/23 17:45

Analyte	MB Result	MB Qualifier	MB Uncertainty	MB MDA
	pCi/l		+ / -	pCi/l
Radium-226	0.00425	<u>U</u>	0.0395	0.0803
(T) Barium-133	92.2		92.2	

L1628140-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1628140-23 07/06/23 17:45 • (DUP) R3946754-5 07/06/23 17:45

Analyte	Original Result	Original Uncertainty	Original MDA	DUP Result	DUP Uncertainty	DUP MDA	Dilution	DUP RPD	DUP RER	DUP Qualifier	DUP RPD Limits	DUP RER Limit
	pCi/l	+ / -	pCi/l	pCi/l	+ / -	pCi/l		%			%	
Radium-226	0.0812	0.183	0.298	-0.0667	0.0975	0.298	1	200	0.714	<u>U</u>	20	3
(T) Barium-133	105			94.2	94.2							

Laboratory Control Sample (LCS)

(LCS) R3946754-2 07/06/23 17:45

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	pCi/l	pCi/l	%	%	
Radium-226	5.01	4.01	80.0	80.0-120	
(T) Barium-133			91.2		

L1623471-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1623471-05 07/06/23 17:45 • (MS) R3946754-6 07/07/23 23:34 • (MSD) R3946754-4 07/06/23 17:45

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	MS RER	RPD Limits
	pCi/l	pCi/l	pCi/l	pCi/l	%	%		%			%		%
Radium-226	20.0	2.26	17.4	19.1	75.8	84.4	1	75.0-125			9.41		20
(T) Barium-133		100			90.1	86.9							

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3946098-1 07/07/23 10:50

Analyte	MB Result	MB Qualifier	MB Uncertainty	MB MDA
	pCi/l		+ / -	pCi/l
Radium-226	0.00201	<u>U</u>	0.0474	0.0907
(T) Barium-133	86.6		86.6	

L1628140-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1628140-19 07/07/23 10:51 • (DUP) R3946098-5 07/07/23 10:50

Analyte	Original Result	Original Uncertainty	Original MDA	DUP Result	DUP Uncertainty	DUP MDA	Dilution	DUP RPD	DUP RER	DUP Qualifier	DUP RPD Limits	DUP RER Limit
	pCi/l	+ / -	pCi/l	pCi/l	+ / -	pCi/l		%			%	
Radium-226	0.338	0.244	0.233	0.00792	0.266	0.233	1	191	0.914	<u>U</u>	20	3
(T) Barium-133	72.3			75.9	75.9							

Laboratory Control Sample (LCS)

(LCS) R3946098-2 07/07/23 10:50

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	pCi/l	pCi/l	%	%	
Radium-226	5.01	4.52	90.3	80.0-120	
(T) Barium-133			93.8		

L1628140-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1628140-01 07/07/23 10:50 • (MS) R3946098-3 07/07/23 10:50 • (MSD) R3946098-4 07/07/23 10:50

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	MS RER	RPD Limits
	pCi/l	pCi/l	pCi/l	pCi/l	%	%		%			%		%
Radium-226	20.0	0.0651	18.1	21.3	90.2	106	1	75.0-125			16.2		20
(T) Barium-133		92.3			80.4	76.8							



GLOSSARY OF TERMS

ATTACHMENT B.

845 QUARTERLY REPORT - QUARTER 2, 2023

KINCAID POWER PLANT, ASH POND

KIN-845-141

Guide to Reading and Understanding Your Laboratory Report

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

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

Abbreviations and Definitions

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

Qualifier Description

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

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCREDITATIONS & LOCATIONS

ATTACHMENT B.

845 QUARTERLY REPORT - QUARTER 2, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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

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

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

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

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

TEKLAB, INC. Chain of Custody

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

42

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

Teklab Inc
 5445 Horseshoe Lake Road
 Collinsville, IL 62234

Cooler Temp: Sampler: QC Level:

Comments: **Please Issue reports and invoices via email only**
 Please analyze for Radium 22/228 per methods specified for Vistra/Ramboll projects.
 ICollected at an IL site.
 Batch QC is required for all analyses requested. EDD requested.

Project#

Contact: Email:
 Requested Due Date: Billing/PO:

Phone:

J190

PLEASE NOTE:

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

Ra226/228	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix
L162540-01	23060003-001	6/12/23 1233	HNO3	Groundwater
-02	23060003-002	6/12/23 1316	HNO3	Groundwater
-03	23060003-003	6/13/23 1045	HNO3	Groundwater
-04	23060003-004	6/13/23 1100	HNO3	Groundwater
-05	23060003-005	6/13/23 1303	HNO3	Groundwater
-06	23060003-006	6/12/23 1510	HNO3	Groundwater
-07	23060003-008	6/12/23 1410	HNO3	Groundwater
-08	23060003-010	6/12/23 1423	HNO3	Groundwater
-09	23060003-011	6/13/23 1415	HNO3	Groundwater
-10	23060003-012	6/13/23 0941	HNO3	Groundwater
-11	23060003-013	6/13/23 1005	HNO3	Groundwater

*Relinquished By: <i>[Signature]</i>	Date/Time: <i>6/19/23</i>	Received By: <i>[Signature]</i>	Date/Time: <i>6/21/23 0900</i>
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Sample Receipt Checklist

QC Seal Present/Intact: Y N If Applicable
 SOC Signed/Accurate: Y N VOA Zero Headspace: Y N
 Bottles arrive intact: Y N Pres. Correct/Check: Y N
 Correct bottles used: Y N
 Sufficient volume sent: Y N
 RAD Screen <0.5 mR/hr: Y N

This document does not provide client/sampler information without proper authorization, and proprietary rights, directed by local, state or federal laws. (Teklab QAM Section 9.1, TNI V1 M2 Section 4.1.5 c)

TEKLAB, INC. Chain of Custody

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

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

Teklab Inc
 5445 Horseshoe Lake Road
 Collinsville, IL 62234

Cooler Temp: Sampler: QC Level:

Project#

Comments:

Contact: Email:
 Requested Due Date: Billing/PO:
TATE

Phone:

PLEASE NOTE:

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

Ra226/228	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix
L1628140-12	23060003-014	6/12/23 1337	HNO3	Groundwater
-13	23060003-016	6/13/23 1327	HNO3	Groundwater
-14	23060003-017	6/13/23 1232	HNO3	Groundwater
-15	23060003-018	6/13/23 1150	HNO3	Groundwater
-16	23060003-020	6/13/23 1032	HNO3	Groundwater
-17	23060003-021	6/13/23 1123	HNO3	Groundwater
-18	23060003-022	6/13/23 1323	HNO3	Groundwater
-19	23060003-023	6/13/23 1442	HNO3	Groundwater
-20	23060003-024	6/13/23 1249	HNO3	Groundwater
-21	23060003-025	6/13/23 1211	HNO3	Groundwater
-22	23060003-026	6/12/23 1410	HNO3	Groundwater

*Relinquished By	Date/Time	Received By	Date/Time
	6/19/23		6/21/23 0900

TEKLAB, INC. Chain of Custody

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

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

Teklab Inc
 5445 Horseshoe Lake Road
 Collinsville, IL 62234

Cooler Temp: Sampler: QC Level:

Project#

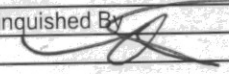
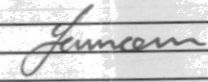
Comments: **Please Issue reports and invoices via email only**
 Please analyze for Radium 22/228 per methods specified for Vistra/Ramboll projects.
 ICollected at an IL site.
 Batch QC is required for all analyses requested. EDD requested.

Contact: Email:
 Requested Due Date: Billing/PO: Phone:

PLEASE NOTE:
 NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately. Any changes to analysis/methods must be approved by Teklab, Inc.

Ra226/228	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix
11023140-23	23060003-027	613/23 1354	HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater
			HNO3	Groundwater

*Relinquished By 	Date/Time <input type="text" value="6/21/23"/>	Received By 	Date/Time <input type="text" value="6/21/23 0900"/>
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Tracking Numbers		Temperature
6319 3616 3487		19.3 + 0 = 19.3
6319 3616 3476		21.7 + 0 = 21.7

11028140

SAR-3: Depth to Groundwater Measurements

Plant: KIN
 Event: KIN-23Q2 Rev 1

ATTACHMENT B.
 845 QUARTERLY REPORT, QUARTER 2, 2023
 KINCAID POWER PLANT, ASH POND
 KIN-845-141

Well	Unique ID	Episodic	Transducer	Date	Time	Measured Depth to Water (ft bmp)	Groundwater Elevation from Transducer (ft NGVD)	Transducer			Initials	Notes
								Data Logger Serial No.	Batt %	Data Downloaded?		
Lake	KIN-LAKE	X					589.2057					obtain from the Plant
MW-1	KIN-MW-01		X	6-12-23	1131	15.57	179.5894	21615755	High			
MW-2	KIN-MW-02		X	6-12-23	1129	7.37	N/A	21618523	N/A			
MW-3	KIN-MW-03		X	6-12-23	1155	8.84	592.6384	21615760	High			
MW-4	KIN-MW-04	X		6-12-23	1204	7.62						not in a sampling program; WLO
MW-5	KIN-MW-05		X	6-12-23	1210	26.82	N/A	21615743	High			
MW-6	KIN-MW-06		X	6-12-23	1241	10.19	N/A	21629271	High			
MW-7	KIN-MW-07		X	6-12-23	1237	9.45	587.9024	21615759	High			
MW-7S	KIN-MW-07#S		X	6-12-23	1238	DRY	587.9029	21629276	High			
MW-8	KIN-MW-08		X	6-12-23	1229	9.75	593.4630	21229277	High			
MW-8S	KIN-MW-08#S		X	6-12-23	1228	DRY	593.4630	21615742	High			
MW-9	KIN-MW-09	X		6-12-23	1120	10.14						not in a sampling program; WLO
MW-10	KIN-MW-10	X		6-12-23	1123	12.79						not in a sampling program; WLO
MW-11	KIN-MW-11		X	6-12-23	1147	11.73	590.8934	21615764	High			
MW-12	KIN-MW-12		X	6-12-23	1249	3.70	699 N/A	21629273	High			
MW-12S	KIN-MW-12#S		X	6-12-23	1250	6.50	587.7852	21629275	High			
MW-12D	KIN-MW-12&D		X	6-12-23	1248	3.70	587.3878	21618552	High			
MW-20	KIN-MW-20		X	6-12-23	1201	6.40	594.5520	21629274	High			
MW-20S	KIN-MW-20#S		X	6-12-23	1202	6.38	595.0476	21629303	High			
MW-23	KIN-MW-23		X	6-12-23	1152	16.67	593.6424	21629299	High			
MW-27	KIN-MW-27		X	6-12-23	1235	14.45	585.7638	21615758	High			
MW-28	KIN-MW-28		X	6-12-23	1245	7.42	594.4987	21618547	High			
MW-30	KIN-MW-30		X	6-12-23	1217	25.20	593.5339	21618546	High			
MW-31	KIN-MW-31		X	6-12-23	1212	31.22	596.2376	21615594	High			
MW-31S	KIN-MW-31#S		X	6-12-23	1213	23.83	594.0399	21629272	High			
MW-32	KIN-MW-32		X	6-12-23	1208	28.75	595.8669	21629297	Low			
PZ-4C	KIN-PZ4/C		X	6-12-23	1159	7.15	593.5257	21629302	High			
XPW01	KIN-XPW01-pore		X	6-12-23	1302	24.99	602.8667	21615762	High			
XPW02	KIN-XPW02-pore		X	6-12-23	1224	16.97	603.4165	21615757	High			
XPW03	KIN-XPW03-pore		X	6-12-23	1222	15.54	600.645	21618545	High			
XPW04	KIN-XPW04-pore		X	6-12-23	1126	3.94	448 N/A	21618551	High			
XSG-01	KIN-XSG-01		X	6-12-23	1121	3.33		TBD				
SG-02	KIN-YSG-02		X	6-12-23	1115	3.73		TBD				

Site Sampling Event Kincaid 2Q 2023

LIMS Workorder 23060002

Technician JC,BG, TAC

hmm

hhmm

ATTACHMENT B.

845 QUARTERLY REPORT - QUA Page 12 of 23

KINCAID POWER PLANT, ASH POND

KIN-845-141

WO Sample	Well ID	Date	Time	Time (adj)	DTB (ft)	DTW (ft)	MP Elev (ft)	GW Elev (ft)	Well Condition	Sampling Device
001A	MW01	06/12/2023	1233	1233		15.62			Good	Bladder Pump
002A	MW02	06/12/2023	1316	1316		7.39			Good	Bladder Pump
003A	MW03	06/13/2023	1045	1045		8.84			Good	Bladder Pump
004A	MW05	6.13.23	1100	1100		26.82			Good	Bladder Pump
005A	MW06	6.13.23	1303	1303		10.19			Good	Bladder Pump
006A	MW07	6.12.23	1510	1510		9.95			Good	Bladder Pump
007A	MW7S	6.12.23	1504	1504		DRY				
008A	MW08	6.12.23	1410	1410		9.75			Good	Bladder Pump
009A	MW8S	6.12.23	1404	1404		DRY				
010A	MW11	06/12/2023	1423	1423		11.73			Good	Bladder Pump
011A	MW12	6.13.23	1415	1415		6.99			Good	Bladder Pump
012A	MW12S	06/12/2023	1250	1250		6.5				
013A	MW12D	06/12/2023	1248	1248		3.7				
014A	MW20	6.13.23	941	0941		6.4			Good	Bladder Pump
015A	MW20S	6.13.23	1005	1005		6.38			Good	Bladder Pump
016A	MW23	6.12.23	1337	1337		16.67			Good	Bladder Pump
017A	MW27	6.12.23	1437	1437		14.45			Good	Bladder Pump
018A	MW28	6.13.23	1327	1327		7.42			Good	Bladder Pump
019A	MW30	6.13.23	1232	1232		25.2			Good	Bladder Pump
020A	MW31	6.13.23	1158	1158		31.22			Good	Bladder Pump
021A	MW31S	6.13.23	1140	1140		23.83			Good	Bladder Pump
022A	MW32	6.13.23	1032	1032		28.75			Good	Bladder Pump
023A	PZ4C	06/13/2023	1123	1123		7.15			Good	Bladder Pump
024A	XPW01	06/13/2023	1323	1323		24.99			Good	Bladder Pump
025A	XPW02	06/13/2023	1442	1442		16.97			Good	Bladder Pump
026A	XPW03	06/13/2023	1249	1249		15.54			Good	Bladder Pump
027A	XPW04	06/13/2023	1211	1211		3.94			Good	Bladder Pump
028A	XSG01	06/12/2023	1121	1121		3.33				
029A	YSG02	06/12/2023	1115	1115		8.73				
030A	MW08 DUP	6.12.23	1410	1410		9.75				
031A	FB	6.13.23	1354	1354						

Site Sampling Event	Kincaid 2Q 202:
LIMS Workorder	23060002
Technician	JC,BG, TAC
WO Sample	Well ID
001A	MW01
002A	MW02
003A	MW03
004A	MW05
005A	MW06
006A	MW07
007A	MW7S
008A	MW08
009A	MW8S
010A	MW11
011A	MW12
012A	MW12S
013A	MW12D
014A	MW20
015A	MW20S
016A	MW23
017A	MW27
018A	MW28
019A	MW30
020A	MW31
021A	MW31S
022A	MW32
023A	PZ4C
024A	XPW01
025A	XPW02
026A	XPW03
027A	XPW04
028A	XSG01
029A	YSG02
030A	MW08 DUP
031A	FB

Trubidty would not stablize

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FILE CREATED: 6/16/2023 13:28

DATE	TIME	SITE	DATA ID	Barometer Temp (°C)		Cond (µS/c	Sp Cond (µ	Sal (psu)	nLFCond (µ	TDS (mg/L)	Sigma-T (s	Sigma (s)
6/12/2023	1:29:47 PM	Kincaid	MW23	742.7	14.4	861	1078.9	0.54	1095.9	701	-0.4	-0.4
6/12/2023	1:32:47 PM	Kincaid	MW23	742.6	14.3	857.6	1078.8	0.54	1095.9	701	-0.4	-0.4
6/12/2023	1:35:47 PM	Kincaid	MW23	742.6	14	870.9	1101.3	0.55	1118.9	716	-0.3	-0.3
6/12/2023	2:04:39 PM	Kincaid	MW08	742.8	13.5	1009.4	1294.5	0.65	1315.8	841	-0.2	-0.2
6/12/2023	2:07:39 PM	Kincaid	MW08	742.8	13.4	1001.2	1287.3	0.65	1308.6	837	-0.2	-0.2
6/12/2023	2:10:39 PM	Kincaid	MW08	742.8	13.4	1001	1286.5	0.65	1307.7	836	-0.2	-0.2
6/12/2023	2:31:27 PM	Kincaid	MW27	742.8	13.1	1365.5	1767.5	0.9	1797	1149	0.1	0.1
6/12/2023	2:34:27 PM	Kincaid	MW27	742.8	13.2	1362.3	1759.6	0.9	1788.8	1144	0.1	0.1
6/12/2023	2:37:27 PM	Kincaid	MW27	742.7	13.3	1363.7	1754.8	0.89	1783.8	1141	0	0
6/12/2023	3:04:48 PM	Kincaid	MW07	742.7	13	755.1	979	0.49	995.4	636	-0.2	-0.2
6/12/2023	3:07:48 PM	Kincaid	MW07	742.7	13.3	730.1	939.9	0.47	955.5	611	-0.3	-0.3
6/12/2023	3:10:48 PM	Kincaid	MW07	742.7	13.4	732	940.1	0.47	955.6	611	-0.3	-0.3
6/13/2023	9:35:14 AM	Kincaid	MW20	739.2	13.9	882.4	1120.5	0.56	1138.6	728	-0.3	-0.3
6/13/2023	9:38:14 AM	Kincaid	MW20	739.2	13.8	880.3	1121.1	0.56	1139.3	729	-0.3	-0.3
6/13/2023	9:41:14 AM	Kincaid	MW20	739.2	13.8	880.1	1120.3	0.56	1138.5	728	-0.3	-0.3
6/13/2023	9:59:09 AM	Kincaid	MW20s	739.1	14.6	1479.3	1845.6	0.94	1874.3	1200	-0.1	-0.1
6/13/2023	10:02:09 AM	Kincaid	MW20s	739	14.7	1423.5	1770.7	0.9	1798	1151	-0.2	-0.2
6/13/2023	10:05:09 AM	Kincaid	MW20s	739.2	14.8	1377.1	1711	0.87	1737.3	1112	-0.2	-0.2
6/13/2023	10:26:34 AM	Kincaid	MW32	738.6	15.7	1347.7	1638	0.83	1661.7	1065	-0.4	-0.4
6/13/2023	10:29:34 AM	Kincaid	MW32	738.6	15.7	1316.7	1602.2	0.81	1625.5	1041	-0.4	-0.4
6/13/2023	10:32:34 AM	Kincaid	MW32	738.6	15.6	1318.9	1608.1	0.82	1631.6	1045	-0.4	-0.4
6/13/2023	10:54:00 AM	Kincaid	MW05	738.5	14.6	1079.1	1347.3	0.68	1368.3	876	-0.3	-0.3
6/13/2023	10:57:00 AM	Kincaid	MW05	738.6	14.5	1073.7	1344.5	0.68	1365.5	874	-0.3	-0.3
6/13/2023	11:00:00 AM	Kincaid	MW05	738.6	14.5	1083.9	1356.9	0.68	1378.1	882	-0.3	-0.3
6/13/2023	11:31:21 AM	Kincaid	MW31s	738.5	15.2	1158.7	1425	0.72	1446.3	926	-0.4	-0.4
6/13/2023	11:34:21 AM	Kincaid	MW31s	738.5	15.7	1174.7	1429.3	0.72	1450.1	929	-0.4	-0.4
6/13/2023	11:37:21 AM	Kincaid	MW31s	738.4	16	1187.8	1433.5	0.72	1453.8	932	-0.5	-0.5
6/13/2023	11:40:21 AM	Kincaid	MW31s	738.4	16.4	1201.6	1437.6	0.73	1457.3	934	-0.6	-0.6
6/13/2023	11:49:31 AM	Kincaid	MW31	738.4	15	941.8	1165	0.58	1182.8	757	-0.4	-0.4
6/13/2023	11:52:31 AM	Kincaid	MW31	738.3	14.9	952.4	1179.6	0.59	1197.6	767	-0.4	-0.4
6/13/2023	11:55:31 AM	Kincaid	MW31	738.4	15	963.4	1192.2	0.6	1210.3	775	-0.4	-0.4
6/13/2023	11:58:31 AM	Kincaid	MW31	738.3	14.9	965.7	1196.4	0.6	1214.6	778	-0.4	-0.4
6/13/2023	12:26:25 PM	Kincaid	MW30	738.3	14.7	956.8	1189.9	0.6	1208.2	773	-0.4	-0.4
6/13/2023	12:29:25 PM	Kincaid	MW30	738.3	14.6	953.7	1189.5	0.6	1208	773	-0.4	-0.4

FILE CREATED: 6/16/2023 13:28

DATE	TIME	SITE	DATA ID	Barometer Temp (°C)	Cond (µS/c Sp	Cond (µ Sal (psu)	nLFCond (µ TDS (mg/L)	Sigma-T (s	Sigma (s)			
6/13/2023	12:32:25 PM	Kincaid	MW30	738.3	14.7	953.7	1187.5	0.59	1205.8	772	-0.4	-0.4
6/13/2023	12:57:18 PM	Kincaid	MW06	738.6	14.2	630.7	794.7	0.39	807.3	517	-0.5	-0.5
6/13/2023	1:00:18 PM	Kincaid	MW06	738.6	13.9	640.5	813.3	0.4	826.4	529	-0.4	-0.4
6/13/2023	1:03:18 PM	Kincaid	MW06	738.6	13.8	636.2	808.8	0.4	821.8	526	-0.4	-0.4
6/13/2023	1:21:23 PM	Kincaid	MW28	738.6	14.3	1903.1	2394.7	1.24	2432.6	1557	0.2	0.2
6/13/2023	1:24:23 PM	Kincaid	MW28	738.6	14.2	1879.7	2370.5	1.23	2408.2	1541	0.2	0.2
6/13/2023	1:27:23 PM	Kincaid	MW28	738.5	14.1	1914	2415.9	1.25	2454.5	1570	0.2	0.2
6/13/2023	2:09:35 PM	Kincaid	MW12	738.6	14.4	1285.7	1612.6	0.82	1637.9	1048	-0.2	-0.2
6/13/2023	2:12:34 PM	Kincaid	MW12	738.6	14.4	1295.2	1622.3	0.82	1647.8	1055	-0.2	-0.2
6/13/2023	2:15:34 PM	Kincaid	MW12	738.5	14.4	1302	1632	0.83	1657.7	1061	-0.2	-0.2
DATE	TIME	SITE	DATA ID	Barometer Temp (°C)	Cond (µS/c Sp	Cond (µ Sal (psu)	nLFCond (µ TDS (mg/L)	Sigma-T (s	Sigma (s)			
6/12/2023	12:27:10 PM	<None>	MW01	751.5	13.1	410.6	531.6	0.26	540.5	346	-0.4	-0.4
6/12/2023	12:30:10 PM	<None>	MW01	751.6	12.9	408.1	530.9	0.26	539.8	345	-0.4	-0.4
6/12/2023	12:33:10 PM	<None>	MW01	751.6	12.8	405.3	528.5	0.26	537.4	344	-0.4	-0.4
6/12/2023	1:04:59 PM	Kincaid	MW02	751.9	12.5	587.2	770.9	0.38	784	501	-0.3	-0.3
6/12/2023	1:07:59 PM	Kincaid	MW02	751.9	12.6	585.8	767.9	0.38	781	499	-0.3	-0.3
6/12/2023	1:10:59 PM	Kincaid	MW02	751.7	12.7	585.4	765.5	0.38	778.5	498	-0.3	-0.3
6/12/2023	1:13:59 PM	Kincaid	MW02	751.8	12.7	583.4	763.1	0.38	776	496	-0.3	-0.3
6/12/2023	1:16:59 PM	Kincaid	MW02	751.8	12.6	582.7	763.1	0.38	776	496	-0.3	-0.3
6/12/2023	2:17:06 PM	Kincaid	MW11	751.7	14.6	822.8	1026.2	0.51	1042.1	667	-0.4	-0.4
6/12/2023	2:20:06 PM	Kincaid	MW11	751.7	14.6	825.3	1029.2	0.51	1045.1	669	-0.4	-0.4
6/12/2023	2:23:06 PM	Kincaid	MW11	751.7	14.6	826.7	1030.4	0.51	1046.4	670	-0.4	-0.4
6/13/2023	10:39:40 AM	Kincaid	MW03	748	13.1	757.4	980.2	0.49	996.5	637	-0.3	-0.3
6/13/2023	10:42:40 AM	Kincaid	MW03	748	13	754.9	978.7	0.49	995.1	636	-0.2	-0.2
6/13/2023	10:45:40 AM	Kincaid	MW03	747.9	13	754.6	978.2	0.49	994.6	636	-0.2	-0.2
6/13/2023	11:17:04 AM	Kincaid	PZ4c	747.9	14.2	771.6	972.5	0.48	988	632	-0.4	-0.4
6/13/2023	11:20:04 AM	Kincaid	PZ4c	747.9	14.3	772.6	970.5	0.48	985.8	631	-0.4	-0.4
6/13/2023	11:23:04 AM	Kincaid	PZ4c	747.9	14.4	773.7	971	0.48	986.3	631	-0.4	-0.4
6/13/2023	12:05:59 PM	Kincaid	XPW04	747.6	10.6	447.3	617.4	0.3	628.3	401	-0.1	-0.1
6/13/2023	12:08:59 PM	Kincaid	XPW04	747.7	10.5	447.1	617.8	0.3	628.7	402	-0.1	-0.1
6/13/2023	12:11:59 PM	Kincaid	XPW04	747.6	10.5	446.9	617.8	0.3	628.7	402	-0.1	-0.1
6/13/2023	12:43:31 PM	Kincaid	XPW03	747.1	16.2	1884.3	2266.9	1.17	2298.6	1473	-0.2	-0.2
6/13/2023	12:46:31 PM	Kincaid	XPW03	747.1	16.2	1787	2148.8	1.11	2178.8	1397	-0.2	-0.2

FILE CREATED: 6/16/2023 13:28

DATE	TIME	SITE	DATA ID	Barometer	Temp (°C)	Cond (µS/c	Sp Cond (µ	Sal (psu)	nLFCond (µ	TDS (mg/L)	Sigma-T (s	Sigma (s)
6/13/2023	12:49:31 PM	Kincaid	XPW03	746.9	16.2	1730.3	2081.8	1.07	2111	1353	-0.3	-0.3
6/13/2023	1:17:55 PM	Kincaid	XPW01	746.8	19.8	748.2	831.5	0.41	839.2	541	-1.4	-1.4
6/13/2023	1:20:55 PM	Kincaid	XPW01	746.7	19.7	754.4	838.7	0.41	846.5	545	-1.4	-1.4
6/13/2023	1:23:55 PM	Kincaid	XPW01	746.7	19.7	752.8	837.5	0.41	845.3	544	-1.4	-1.4
6/13/2023	2:18:08 PM	Kincaid	XPW02	746.5	15.5	779	950.8	0.47	964.7	618	-0.6	-0.6
6/13/2023	2:21:08 PM	Kincaid	XPW02	746.5	15.5	788.3	962.5	0.48	976.7	626	-0.6	-0.6
6/13/2023	2:24:08 PM	Kincaid	XPW02	746.5	15.5	790.5	965.9	0.48	980.2	628	-0.6	-0.6
6/13/2023	2:27:08 PM	Kincaid	XPW02	746.5	15.5	795	971.4	0.48	985.7	631	-0.6	-0.6
6/13/2023	2:30:08 PM	Kincaid	XPW02	746.5	15.5	797.5	974.5	0.48	988.8	633	-0.6	-0.6
6/13/2023	2:33:08 PM	Kincaid	XPW02	746.5	15.5	799	975.2	0.48	989.5	634	-0.6	-0.6
6/13/2023	2:36:08 PM	Kincaid	XPW02	746.6	15.5	799.6	977.1	0.49	991.5	635	-0.6	-0.6
6/13/2023	2:39:08 PM	Kincaid	XPW02	746.5	15.5	799.7	976.4	0.48	990.7	635	-0.6	-0.6
6/13/2023	2:42:08 PM	Kincaid	XPW02	746.4	15.5	800.2	977.6	0.49	991.9	635	-0.6	-0.6

FILE CREATED: 6/16/2023 13:28

DATE	TIME	SITE	DATA ID	TSS (mg/L)	Turbidity (NTU)	ODO (mg/L)	pH	pH (mV)	ORP (mV)
6/12/2023	1:29:47 PM	Kincaid	MW23	0	4.21	1.52	6.44	-8.3	159.2
6/12/2023	1:32:47 PM	Kincaid	MW23	0	1.48	1.16	6.43	-8.2	149.4
6/12/2023	1:35:47 PM	Kincaid	MW23	0	0.47	1.07	6.45	-9	144.2
6/12/2023	2:04:39 PM	Kincaid	MW08	0	7.63	0.98	6.76	-25.9	-54.2
6/12/2023	2:07:39 PM	Kincaid	MW08	0	1.29	0.86	6.51	-12.4	-34.4
6/12/2023	2:10:39 PM	Kincaid	MW08	0	0.1	0.83	6.45	-8.9	-22.4
6/12/2023	2:31:27 PM	Kincaid	MW27	0	9.58	1.51	6.95	-36.9	-51.7
6/12/2023	2:34:27 PM	Kincaid	MW27	0	9	1.35	6.78	-27.3	-53.1
6/12/2023	2:37:27 PM	Kincaid	MW27	0	12.69	1.17	6.72	-24	-48.4
6/12/2023	3:04:48 PM	Kincaid	MW07	0	7.25	1.08	7.1	-44.6	29.2
6/12/2023	3:07:48 PM	Kincaid	MW07	0	0.89	0.96	6.92	-35.2	34.3
6/12/2023	3:10:48 PM	Kincaid	MW07	0	-0.33	1.02	6.87	-32.3	36.1
6/13/2023	9:35:14 AM	Kincaid	MW20	0	10.16	1.02	7.09	-44.4	123.4
6/13/2023	9:38:14 AM	Kincaid	MW20	0	4.77	0.92	6.99	-38.7	119.3
6/13/2023	9:41:14 AM	Kincaid	MW20	0	4.51	0.89	6.95	-36.9	114.3
6/13/2023	9:59:09 AM	Kincaid	MW20s	0	8.77	1.53	7.03	-40.8	88
6/13/2023	10:02:09 AM	Kincaid	MW20s	0	1.06	1.3	6.83	-29.7	99.2
6/13/2023	10:05:09 AM	Kincaid	MW20s	0	0	1.25	6.77	-26.8	104.6
6/13/2023	10:26:34 AM	Kincaid	MW32	0	1.56	1.39	6.78	-27.2	105.6
6/13/2023	10:29:34 AM	Kincaid	MW32	0	-0.58	1.17	6.63	-19	101.8
6/13/2023	10:32:34 AM	Kincaid	MW32	0	-0.85	1.05	6.58	-16.3	104
6/13/2023	10:54:00 AM	Kincaid	MW05	0	9.65	1.73	7.08	-43.8	108.8
6/13/2023	10:57:00 AM	Kincaid	MW05	0	2.31	1.67	6.83	-29.8	102.1
6/13/2023	11:00:00 AM	Kincaid	MW05	0	-0.02	1.47	6.74	-25.2	97.3
6/13/2023	11:31:21 AM	Kincaid	MW31s	0	19.45	1.01	6.75	-25.3	-65.4
6/13/2023	11:34:21 AM	Kincaid	MW31s	0	17.75	1	6.7	-22.5	-71
6/13/2023	11:37:21 AM	Kincaid	MW31s	0	14.67	1	6.7	-22.5	-74.9
6/13/2023	11:40:21 AM	Kincaid	MW31s	0	15.61	1	6.7	-22.7	-77.5
6/13/2023	11:49:31 AM	Kincaid	MW31	0	7.74	1.07	6.87	-32.4	-52.5
6/13/2023	11:52:31 AM	Kincaid	MW31	0	2.51	1.02	6.81	-28.9	-51.3
6/13/2023	11:55:31 AM	Kincaid	MW31	0	0.94	0.99	6.77	-26.9	-50.3
6/13/2023	11:58:31 AM	Kincaid	MW31	0	-0.15	0.9	6.76	-26	-50.2
6/13/2023	12:26:25 PM	Kincaid	MW30	0	15.58	0.88	6.72	-24.1	-9.4
6/13/2023	12:29:25 PM	Kincaid	MW30	0	5.7	0.85	6.69	-22.1	-13

FILE CREATED: 6/16/2023 13:28

DATE	TIME	SITE	DATA ID	TSS (mg/L)	Turbidity (NTU)	ODO (mg/L)	pH	ORP (mV)
6/13/2023	12:32:25 PM	Kincaid	MW30	0	7.26	0.83	6.67	-21.3
6/13/2023	12:57:18 PM	Kincaid	MW06	0	9.21	5.7	7.04	-41.4
6/13/2023	1:00:18 PM	Kincaid	MW06	0	3.68	5.1	6.65	-20.3
6/13/2023	1:03:18 PM	Kincaid	MW06	0	2.54	5.13	6.57	-15.5
6/13/2023	1:21:23 PM	Kincaid	MW28	0	8.98	1.31	6.93	-35.5
6/13/2023	1:24:23 PM	Kincaid	MW28	0	2.56	1.08	6.8	-28.2
6/13/2023	1:27:23 PM	Kincaid	MW28	0	0.61	1.01	6.76	-26.4
6/13/2023	2:09:35 PM	Kincaid	MW12	0	9.7	0.85	6.74	-25
6/13/2023	2:12:34 PM	Kincaid	MW12	0	8.2	0.84	6.73	-24.5
6/13/2023	2:15:34 PM	Kincaid	MW12	0	8.38	0.83	6.72	-24.2

DATE	TIME	SITE	DATA ID	ODO (mg/L)	pH	pH (mV)	ORP (mV)	TSS (mg/L)	Turbidity (NTU)
6/12/2023	12:27:10 PM	<None>	MW01	1.16	6.2	9.2	112.5	0	3.64
6/12/2023	12:30:10 PM	<None>	MW01	0.81	6.15	12	113.5	0	0.88
6/12/2023	12:33:10 PM	<None>	MW01	0.68	6.14	12.3	112.7	0	0.54
6/12/2023	1:04:59 PM	Kincaid	MW02	0.63	7.01	-34.9	123.2	0	79.56
6/12/2023	1:07:59 PM	Kincaid	MW02	0.55	6.99	-33.9	120.3	0	77.31
6/12/2023	1:10:59 PM	Kincaid	MW02	0.53	6.97	-33	117.3	0	83.28
6/12/2023	1:13:59 PM	Kincaid	MW02	0.58	6.97	-32.6	114.2	0	94.3
6/12/2023	1:16:59 PM	Kincaid	MW02	0.64	6.96	-32.2	111.3	0	221.83
6/12/2023	2:17:06 PM	Kincaid	MW11	0.59	6.74	-20.2	131.4	0	6.23
6/12/2023	2:20:06 PM	Kincaid	MW11	0.55	6.72	-19	128	0	3.53
6/12/2023	2:23:06 PM	Kincaid	MW11	0.54	6.71	-18.4	125.3	0	2.26
6/13/2023	10:39:40 AM	Kincaid	MW03	0.67	6.5	-6.6	102.3	0	8.44
6/13/2023	10:42:40 AM	Kincaid	MW03	0.57	6.49	-5.7	103.4	0	5
6/13/2023	10:45:40 AM	Kincaid	MW03	0.53	6.49	-5.8	103.3	0	3.82
6/13/2023	11:17:04 AM	Kincaid	PZ4c	0.88	6.77	-21.3	-91.8	0	7.18
6/13/2023	11:20:04 AM	Kincaid	PZ4c	0.78	6.76	-20.5	-105.8	0	4.4
6/13/2023	11:23:04 AM	Kincaid	PZ4c	0.72	6.77	-21.1	-118	0	3.74
6/13/2023	12:05:59 PM	Kincaid	XPW04	0.59	6.83	-24.6	-8.1	0	53.99
6/13/2023	12:08:59 PM	Kincaid	XPW04	0.55	6.81	-23.2	-15.8	0	50.8
6/13/2023	12:11:59 PM	Kincaid	XPW04	0.52	6.79	-22.3	-21.8	0	46.77
6/13/2023	12:43:31 PM	Kincaid	XPW03	0.6	6.9	-28.1	50.2	0	384.99
6/13/2023	12:46:31 PM	Kincaid	XPW03	0.58	6.89	-27.7	48.2	0	84.48

FILE CREATED: 6/16/2023 13:28

DATE	TIME	SITE	DATA ID	TSS (mg/L)	Turbidity (NTU)	ODO (mg/L)	pH	pH (mV)	ORP (mV)
6/13/2023	12:49:31 PM	Kincaid	XPW03	0.56	6.88	-27.2	46.8	0	155.43
6/13/2023	1:17:55 PM	Kincaid	XPW01	2.39	7.43	-57.7	71.7	0	13.53
6/13/2023	1:20:55 PM	Kincaid	XPW01	2.02	7.44	-58.3	71.5	0	8.63
6/13/2023	1:23:55 PM	Kincaid	XPW01	1.42	7.44	-58	71	0	11.16
6/13/2023	2:18:08 PM	Kincaid	XPW02	0.93	6.69	-16.8	80.9	0	632.07
6/13/2023	2:21:08 PM	Kincaid	XPW02	0.88	6.68	-16	71.5	0	213.42
6/13/2023	2:24:08 PM	Kincaid	XPW02	0.84	6.67	-15.5	62.8	0	223.06
6/13/2023	2:27:08 PM	Kincaid	XPW02	0.54	6.66	-14.8	55.6	0	56.81
6/13/2023	2:30:08 PM	Kincaid	XPW02	0.51	6.66	-14.8	48.6	0	35.57
6/13/2023	2:33:08 PM	Kincaid	XPW02	0.49	6.66	-14.7	42.7	0	77.14
6/13/2023	2:36:08 PM	Kincaid	XPW02	0.48	6.65	-14.6	37.4	0	79.25
6/13/2023	2:39:08 PM	Kincaid	XPW02	0.46	6.65	-14.5	32.6	0	78.97
6/13/2023	2:42:08 PM	Kincaid	XPW02	0.46	6.65	-14.4	27.7	0	70.93

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)
MW01	6/12/2023	12:33	1233	12.8	55.04	6.14	528.5	528.5	0.68
MW02	6/12/2023	13:16	1316	12.6	54.68	6.96	763.1	763.1	0.64
MW03	6/13/2023	10:45	1045	13	55.4	6.49	978.2	978.2	0.53
MW05	6/13/2023	11:00	1100	14.5	58.1	6.74	1356.9	1356.9	1.47
MW06	6/13/2023	13:03	1303	13.8	56.84	6.57	808.8	808.8	5.13
MW07	6/12/2023	15:10	1510	13.4	56.12	6.87	940.1	940.1	1.02
Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)
MW08	6/12/2023	14:10	1410	13.4	56.12	6.45	1286.5	1286.5	0.83
Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)
MW11	6/12/2023	14:23	1423	14.6	58.28	6.71	1030.4	1030.4	0.54
MW12	6/13/2023	14:15	1415	14.4	57.92	6.72	1632	1632	0.83
Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)
Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)
MW20	6/13/2023	9:41	0941	13.8	56.84	6.95	1120.3	1120.3	0.89
MW20S	6/13/2023	10:05	1005	14.8	58.64	6.77	1711	1711	1.25
MW23	6/12/2023	13:35	1335	14	57.2	6.45	1101.3	1101.3	1.07
MW27	6/12/2023	14:37	1437	13.3	55.94	6.72	1754.8	1754.8	1.17
MW28	6/13/2023	13:27	1327	14.1	57.38	6.76	2415.9	2415.9	1.01
MW30	6/13/2023	12:32	1232	14.7	58.46	6.67	1187.5	1187.5	0.83
MW31	6/13/2023	11:58	1158	14.9	58.82	6.76	1196.4	1196.4	0.9
MW31S	6/13/2023	11:40	1140	16.4	61.52	6.7	1437.6	1437.6	1
MW32	6/13/2023	10:32	1032	15.6	60.08	6.58	1608.1	1608.1	1.05
PZ4C	6/13/2023	11:23	1123	14.4	57.92	6.77	971	971	0.72
XPW01	6/13/2023	13:23	1323	19.7	67.46	7.44	837.5	837.5	1.42
XPW02	6/13/2023	14:42	1442	15.5	59.9	6.65	977.6	977.6	0.46
XPW03	6/13/2023	12:49	1249	16.2	61.16	6.88	2081.8	2081.8	0.56
XPW04	6/13/2023	12:11	1211	10.5	50.9	6.79	617.8	617.8	0.52
Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)
Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)
Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)
Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

Well ID	Date	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)	DTB (ft)	DTW (ft)	MP Elev (ft)	GW Elev (ft)	LIMS ID
MW01	6/12/2023	0.54	112.7			15.62			23060002-001A
MW02	6/12/2023	221.83	111.3			7.39			23060002-002A
MW03	6/13/2023	3.82	103.3			8.84			23060002-003A
MW05	6/13/2023	-0.02	97.3			26.82			23060002-004A
MW06	6/13/2023	2.54	96.1			10.19			23060002-005A
MW07	6/12/2023	-0.33	36.1			9.95			23060002-006A
Well ID	Date	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)		DRY			23060002-007A
MW08	6/12/2023	0.1	-22.4			9.75			23060002-008A
Well ID	Date	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)		DRY			23060002-009A
MW11	6/12/2023	2.26	125.3			11.73			23060002-010A
MW12	6/13/2023	8.38	-35.1			6.99			23060002-011A
Well ID	Date	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)		6.5			23060002-012A
Well ID	Date	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)		3.7			23060002-013A
MW20	6/13/2023	4.51	114.3			6.4			23060002-014A
MW20S	6/13/2023	0	104.6			6.38			23060002-015A
MW23	6/12/2023	0.47	144.2			16.67			23060002-016A
MW27	6/12/2023	12.69	-48.4			14.45			23060002-017A
MW28	6/13/2023	0.61	108.1			7.42			23060002-018A
MW30	6/13/2023	7.26	-17.3			25.2			23060002-019A
MW31	6/13/2023	-0.15	-50.2			31.22			23060002-020A
MW31S	6/13/2023	15.61	-77.5			23.83			23060002-021A
MW32	6/13/2023	-0.85	104			28.75			23060002-022A
PZ4C	6/13/2023	3.74	-118			7.15			23060002-023A
XPW01	6/13/2023	11.16	71			24.99			23060002-024A
XPW02	6/13/2023	70.93	27.7			16.97			23060002-025A
XPW03	6/13/2023	155.43	46.8			15.54			23060002-026A
XPW04	6/13/2023	46.77	-21.8			3.94			23060002-027A
Well ID	Date	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)		3.33			23060002-028A
Well ID	Date	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)		8.73			23060002-029A
Well ID	Date	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)					23060002-030A
Well ID	Date	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)					23060002-031A

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page 12 of 17
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)
MW01	6/12/2023	12:27	1227	15.62		13.1	55.58	6.2	531.6	531.6
MW01	6/12/2023	12:30	1230	15.62		12.9	55.22	6.15	530.9	530.9
MW01	6/12/2023	12:33	1233	15.62		12.8	55.04	6.14	528.5	528.5

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW01	6/12/2023
MW01	6/12/2023
MW01	6/12/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.16	3.64	112.5	
0.81	0.88	113.5	
0.68	0.54	112.7	

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page 14 of 23
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW02	6/12/2023	13:04	1304	7.39		12.5	54.5	7.01	770.9	770.9
MW02	6/12/2023	13:07	1307	7.39		12.6	54.68	6.99	767.9	767.9
MW02	6/12/2023	13:10	1310	7.39		12.7	54.86	6.97	765.5	765.5
MW02	6/12/2023	13:13	1313	7.39		12.7	54.86	6.97	763.1	763.1
MW02	6/12/2023	13:16	1316	7.39		12.6	54.68	6.96	763.1	763.1

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW02	6/12/2023
MW02	6/12/2023
MW02	6/12/2023
MW02	6/12/2023
MW02	6/12/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.63	79.56	123.2	
0.55	77.31	120.3	
0.53	83.28	117.3	
0.58	94.3	114.2	
0.64	221.83	111.3	

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page 16 of 17
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW03	6/13/2023	10:39	1039	8.84		13.1	55.58	6.5	980.2	980.2
MW03	6/13/2023	10:42	1042	8.84		13	55.4	6.49	978.7	978.7
MW03	6/13/2023	10:45	1045	8.84		13	55.4	6.49	978.2	978.2

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW03	6/13/2023
MW03	6/13/2023
MW03	6/13/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.67	8.44	102.3	
0.57	5	103.4	
0.53	3.82	103.3	

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page 18 of 23
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW05	6/13/2023	10:54	1054	26.82		14.6	58.28	7.08	1347.3	1347.3
MW05	6/13/2023	10:57	1057	26.82		14.5	58.1	6.83	1344.5	1344.5
MW05	6/13/2023	11:00	1100	26.82		14.5	58.1	6.74	1356.9	1356.9

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW05	6/13/2023
MW05	6/13/2023
MW05	6/13/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.73	9.65	108.8	
1.67	2.31	102.1	
1.47	-0.02	97.3	

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 & Q2 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW06	6/13/2023	12:57	1257	10.19		14.2	57.56	7.04	794.7	794.7
MW06	6/13/2023	13:00	1300	10.19		13.9	57.02	6.65	813.3	813.3
MW06	6/13/2023	13:03	1303	10.19		13.8	56.84	6.57	808.8	808.8

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

Well ID	Date	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW06	6/13/2023	5.7	9.21	80.4	
MW06	6/13/2023	5.1	3.68	91.1	
MW06	6/13/2023	5.13	2.54	96.1	

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page 2 of 2
KINCAID POWER PLANT, ASH POND
KIN-845-141

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 & Q2 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW07	6/12/2023	15:04	1504	9.95		13	55.4	7.1	979	979
MW07	6/12/2023	15:07	1507	9.95		13.3	55.94	6.92	939.9	939.9
MW07	6/12/2023	15:10	1510	9.95		13.4	56.12	6.87	940.1	940.1

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW07	6/12/2023
MW07	6/12/2023
MW07	6/12/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.08	7.25	29.2	
0.96	0.89	34.3	
1.02	-0.33	36.1	

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW07S	6/12/2023

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
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Site Sampling Event	Kincaid 2Q 2023				
LIMS Workorder	23060002				
Technician	JC,BG, TAC				
Well ID	Date	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW07S	6/12/2023				

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page 26 of 27
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW08	6/12/2023	14:04	1404	9.75		13.5	56.3	6.76	1294.5	1294.5
MW08	6/12/2023	14:07	1407	9.75		13.4	56.12	6.51	1287.3	1287.3
MW08	6/12/2023	14:10	1410	9.75		13.4	56.12	6.45	1286.5	1286.5

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

Well ID	Date	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW08	6/12/2023	0.98	7.63	-54.2	
MW08	6/12/2023	0.86	1.29	-34.4	
MW08	6/12/2023	0.83	0.1	-22.4	

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page 27 of 27
KINCAID POWER PLANT, ASH POND
KIN-845-141

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW08S	6/12/2023

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
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Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW08S	6/12/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
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ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page 80 of 107
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW11	6/12/2023	14:17	1417	11.73		14.6	58.28	6.74	1026.2	1026.2
MW11	6/12/2023	14:20	1420	11.73		14.6	58.28	6.72	1029.2	1029.2
MW11	6/12/2023	14:23	1423	11.73		14.6	58.28	6.71	1030.4	1030.4

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW11	6/12/2023
MW11	6/12/2023
MW11	6/12/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.59	6.23	131.4	
0.55	3.53	128	
0.54	2.26	125.3	

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 & Q2 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW12	6/13/2023	14:09	1409	6.99		14.4	57.92	6.74	1612.6	1612.6
MW12	6/13/2023	14:12	1412	6.99		14.4	57.92	6.73	1622.3	1622.3
MW12	6/13/2023	14:15	1415	6.99		14.4	57.92	6.72	1632	1632

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

Well ID	Date	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW12	6/13/2023	0.85	9.7	-34.6	
MW12	6/13/2023	0.84	8.2	-34.9	
MW12	6/13/2023	0.83	8.38	-35.1	

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page 83 of 173
KINCAID POWER PLANT, ASH POND
KIN-845-141

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW12S	6/12/2023

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
1250	1250							

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW12S	6/12/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
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ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW12D	6/12/2023

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
1248	1248							

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

Site Sampling Event	Kincaid 2Q 2023				
LIMS Workorder	23060002				
Technician	JC,BG, TAC				
Well ID	Date	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW12D	6/12/2023				

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page 88 of 107
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)
MW20	6/13/2023	9:35	0935	6.4		13.9	57.02	7.09	1120.5	1120.5
MW20	6/13/2023	9:38	0938	6.4		13.8	56.84	6.99	1121.1	1121.1
MW20	6/13/2023	9:41	0941	6.4		13.8	56.84	6.95	1120.3	1120.3

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW20	6/13/2023
MW20	6/13/2023
MW20	6/13/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.02	10.16	123.4	
0.92	4.77	119.3	
0.89	4.51	114.3	

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page #02073
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW20S	6/13/2023	9:59	0959	6.38		14.6	58.28	7.03	1845.6	1845.6
MW20S	6/13/2023	10:02	1002	6.38		14.7	58.46	6.83	1770.7	1770.7
MW20S	6/13/2023	10:05	1005	6.38		14.8	58.64	6.77	1711	1711

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW20S	6/13/2023
MW20S	6/13/2023
MW20S	6/13/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.53	8.77	88	
1.3	1.06	99.2	
1.25	0	104.6	

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page #2 of 7
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW23	6/12/2023	13:29	1329	16.67		14.4	57.92	6.44	1078.9	1078.9
MW23	6/12/2023	13:32	1332	16.67		14.3	57.74	6.43	1078.8	1078.8
MW23	6/12/2023	13:35	1335	16.67		14	57.2	6.45	1101.3	1101.3

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW23	6/12/2023
MW23	6/12/2023
MW23	6/12/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.52	4.21	159.2	
1.16	1.48	149.4	
1.07	0.47	144.2	

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page #3 of 7
KINCAID POWER PLANT, ASH POND
KIN-845-141

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1-2023
Page #4 of 17
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW27	6/12/2023	14:31	1431	14.45		13.1	55.58	6.95	1767.5	1767.5
MW27	6/12/2023	14:34	1434	14.45		13.2	55.76	6.78	1759.6	1759.6
MW27	6/12/2023	14:37	1437	14.45		13.3	55.94	6.72	1754.8	1754.8

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW27	6/12/2023
MW27	6/12/2023
MW27	6/12/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.51	9.58	-51.7	
1.35	9	-53.1	
1.17	12.69	-48.4	

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page #5 of 7
KINCAID POWER PLANT, ASH POND
KIN-845-141

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page #6 of 7
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW28	6/13/2023	13:21	1321	7.42		14.3	57.74	6.93	2394.7	2394.7
MW28	6/13/2023	13:24	1324	7.42		14.2	57.56	6.8	2370.5	2370.5
MW28	6/13/2023	13:27	1327	7.42		14.1	57.38	6.76	2415.9	2415.9

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW28	6/13/2023
MW28	6/13/2023
MW28	6/13/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.31	8.98	113.4	
1.08	2.56	110.4	
1.01	0.61	108.1	

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page #8 of 17
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW30	6/13/2023	12:26	1226	25.2		14.7	58.46	6.72	1189.9	1189.9
MW30	6/13/2023	12:29	1229	25.2		14.6	58.28	6.69	1189.5	1189.5
MW30	6/13/2023	12:32	1232	25.2		14.7	58.46	6.67	1187.5	1187.5

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW30	6/13/2023
MW30	6/13/2023
MW30	6/13/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.88	15.58	-9.4	
0.85	5.7	-13	
0.83	7.26	-17.3	

ATTACHMENT B.
845 QUARTERLY REPORT - Q1, Q2, Q3, Q4 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW31	6/13/2023
MW31	6/13/2023
MW31	6/13/2023
MW31	6/13/2023

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
11:49	1149	31.22		15	59	6.87	1165	1165
11:52	1152	31.22		14.9	58.82	6.81	1179.6	1179.6
11:55	1155	31.22		15	59	6.77	1192.2	1192.2
11:58	1158	31.22		14.9	58.82	6.76	1196.4	1196.4

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW31	6/13/2023
MW31	6/13/2023
MW31	6/13/2023
MW31	6/13/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.07	7.74	-52.5	
1.02	2.51	-51.3	
0.99	0.94	-50.3	
0.9	-0.15	-50.2	

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW31S	6/13/2023
MW31S	6/13/2023
MW31S	6/13/2023
MW31S	6/13/2023

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
11:31	1131	23.83		15.2	59.36	6.75	1425	1425
11:34	1134	23.83		15.7	60.26	6.7	1429.3	1429.3
11:37	1137	23.83		16	60.8	6.7	1433.5	1433.5
11:40	1140	23.83		16.4	61.52	6.7	1437.6	1437.6

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW31S	6/13/2023
MW31S	6/13/2023
MW31S	6/13/2023
MW31S	6/13/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.01	19.45	-65.4	
1	17.75	-71	
1	14.67	-74.9	
1	15.61	-77.5	

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page 54 of 73
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
MW32	6/13/2023	10:26	1026	28.75		15.7	60.26	6.78	1638	1638
MW32	6/13/2023	10:29	1029	28.75		15.7	60.26	6.63	1602.2	1602.2
MW32	6/13/2023	10:32	1032	28.75		15.6	60.08	6.58	1608.1	1608.1

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
MW32	6/13/2023
MW32	6/13/2023
MW32	6/13/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
1.39	1.56	105.6	
1.17	-0.58	101.8	
1.05	-0.85	104	

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page 56 of 73
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
PZ4C	6/13/2023	11:17	1117	7.15		14.2	57.56	6.77	972.5	972.5
PZ4C	6/13/2023	11:20	1120	7.15		14.3	57.74	6.76	970.5	970.5
PZ4C	6/13/2023	11:23	1123	7.15		14.4	57.92	6.77	971	971

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
PZ4C	6/13/2023
PZ4C	6/13/2023
PZ4C	6/13/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.88	7.18	-91.8	
0.78	4.4	-105.8	
0.72	3.74	-118	

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page 58 of 73
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
XPW01	6/13/2023	13:17	1317	24.99		19.8	67.64	7.43	831.5	831.5
XPW01	6/13/2023	13:20	1320	24.99		19.7	67.46	7.44	838.7	838.7
XPW01	6/13/2023	13:23	1323	24.99		19.7	67.46	7.44	837.5	837.5

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
XPW01	6/13/2023
XPW01	6/13/2023
XPW01	6/13/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
2.39	13.53	71.7	
2.02	8.63	71.5	
1.42	11.16	71	

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page 60 of 73
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
XPW02	6/13/2023	14:18	1418	16.97		15.5	59.9	6.69	950.8	950.8
XPW02	6/13/2023	14:21	1421	16.97		15.5	59.9	6.68	962.5	962.5
XPW02	6/13/2023	14:24	1424	16.97		15.5	59.9	6.67	965.9	965.9
XPW02	6/13/2023	14:27	1427	16.97		15.5	59.9	6.66	971.4	971.4
XPW02	6/13/2023	14:30	1430	16.97		15.5	59.9	6.66	974.5	974.5
XPW02	6/13/2023	14:33	1433	16.97		15.5	59.9	6.66	975.2	975.2
XPW02	6/13/2023	14:36	1436	16.97		15.5	59.9	6.65	977.1	977.1
XPW02	6/13/2023	14:39	1439	16.97		15.5	59.9	6.65	976.4	976.4
XPW02	6/13/2023	14:42	1442	16.97		15.5	59.9	6.65	977.6	977.6

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
XPW02	6/13/2023
XPW02	6/13/2023
XPW02	6/13/2023
XPW02	6/13/2023
XPW02	6/13/2023
XPW02	6/13/2023
XPW02	6/13/2023
XPW02	6/13/2023
XPW02	6/13/2023
XPW02	6/13/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.93	632.07	80.9	
0.88	213.42	71.5	
0.84	223.06	62.8	
0.54	56.81	55.6	
0.51	35.57	48.6	
0.49	77.14	42.7	
0.48	79.25	37.4	
0.46	78.97	32.6	
0.46	70.93	27.7	

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page 62 of 73
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
XPW03	6/13/2023	12:43	1243	15.54		16.2	61.16	6.9	2266.9	2266.9
XPW03	6/13/2023	12:46	1246	15.54		16.2	61.16	6.89	2148.8	2148.8
XPW03	6/13/2023	12:49	1249	15.54		16.2	61.16	6.88	2081.8	2081.8

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
XPW03	6/13/2023
XPW03	6/13/2023
XPW03	6/13/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.6	384.99	50.2	
0.58	84.48	48.2	
0.56	155.43	46.8	

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page 64 of 73
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)
XPW04	6/13/2023	12:05	1205	3.94		10.6	51.08	6.83	617.4	617.4
XPW04	6/13/2023	12:08	1208	3.94		10.5	50.9	6.81	617.8	617.8
XPW04	6/13/2023	12:11	1211	3.94		10.5	50.9	6.79	617.8	617.8

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
XPW04	6/13/2023
XPW04	6/13/2023
XPW04	6/13/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
0.59	53.99	-8.1	
0.55	50.8	-15.8	
0.52	46.77	-21.8	

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
XSG01	6/12/2023

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)
1121	1121							

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

Site Sampling Event	Kincaid 2Q 2023				
LIMS Workorder	23060002				
Technician	JC,BG, TAC				
Well ID	Date	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
XSG01	6/12/2023				

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
YSG02	6/12/2023

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
1115	1115							

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
YSG02	6/12/2023

ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
------------	-----------------	----------	--------------------

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page 10 of 17
KINCAID POWER PLANT, ASH POND
KIN-845-141

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)
MW08 Duplicate	6/12/2023	14:04	1404	9.75		13.5	56.3	6.76	1294.5	1294.5
MW08 Duplicate	6/12/2023	14:07	1407	9.75		13.4	56.12	6.51	1287.3	1287.3
MW08 Duplicate	6/12/2023	14:10	1410	9.75		13.4	56.12	6.45	1286.5	1286.5

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC

Well ID	Date	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW08 Duplicate	6/12/2023	0.98	7.63	-54.2	
MW08 Duplicate	6/12/2023	0.86	1.29	-34.4	
MW08 Duplicate	6/12/2023	0.83	0.1	-22.4	

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

Site Sampling Event	Kincaid 2Q 2023
LIMS Workorder	23060002
Technician	JC,BG, TAC
Well ID	Date
Field Blank	6/13/2023

Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (μS/cm)	Sp Cond (μmhos/cm @25C)
1354	1354							

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

Site Sampling Event	Kincaid 2Q 2023				
LIMS Workorder	23060002				
Technician	JC,BG, TAC				
Well ID	Date	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
Field Blank	6/13/2023				

ATTACHMENT B.
845 QUARTERLY REPORT - Q1 2023
Page 13 of 17
KINCAID POWER PLANT, ASH POND
KIN-845-141

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results			Conductivity			Other:				
				Reading 1	Reading 2	LCSD	Range Factor	Reading 1	Reading 2	DF	Read1/units	DF	Read2/units	
LCS	6/12/23	12:09	21.9		7.09			1413						
ccv	6/12/23	15:17	22.5		7.10			1436						

**** Field Meter ID for Temp, pH & Conductivity : _____ **** Field Meter ID for (_____) : _____

Field Temp SOP 1156	SW846	Std Methods	2550 B	pH 4.0 Buffer	Lot #	WC 230118A	Conductivity Std.	1412	Lot #	74610	Std.	_____	Lot #	_____
pH in the Field SOP 1152	9040B	4500-H B		pH 7.0 Buffer	WC 230210B		Conductivity Std.	_____	_____	_____	Std.	_____	_____	_____
Field Cond. SOP 1155	9050A	2510 B		pH 10.0 Buffer	WC 230126C		Conductivity Std.	_____	_____	_____	Std.	_____	_____	_____
Other: _____				pH LCS/LCSD _7_	WC 221117B		Conductivity LCS/LCSD	_____	_____	_____	LCS/LCSD	_____	_____	_____

pH Calibration			Conductivity Calibration			_____ Calibration		
Date: 6/12/23	Reading	4.00	_____	Reading	units	_____	_____	_____
Time: 12:03	7.00	7.02	1412	_____	_____	_____	_____	_____
	10.00	10.04	_____	_____	_____	_____	_____	_____

Field Analyst Sig & Date: Juan Carlos 6/12/23 Field Analyst Sig & Date: Juan Carlos 6/12/23 Field Analyst Sig & Date: _____
 Reviewed By & Date: _____ Reviewed By & Date: _____ Reviewed By & Date: _____
 Reviewed By & Date: _____ Reviewed By & Date: _____ Reviewed By & Date: _____

Comments:

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results			Conductivity		Other:				
				Reading 1	Reading 2	LCSD	Range Factor	Reading 1	Reading 2	DF	Read1/units	DF	Read2/units
LCS	6-17-23	1501	21.2	7.06	7.06			1426					
ccv	6-17-23	1515	19.8	7.07	7.07			1432					

**** Field Meter ID for Temp, pH & Conductivity : Eco Rental

**** Field Meter ID for (): _____

	SW846	Std Methods		Lot #		Lot #	Lot #
Field Temp SOP 1156		2550 B	pH 4.0 Buffer	WC 230105A	Conductivity Std. 1412	74610	Std. _____
pH in the Field SOP 1152	9040B	4500-H B	pH 7.0 Buffer	WC 230210B	Conductivity Std. _____	_____	Std. _____
Field Cond. SOP 1155	9050A	2510 B	pH 10.0 Buffer	WC 230126C	Conductivity Std. _____	_____	Std. _____
Other: _____			pH LCS/LCSD 7	WC 221117B	Conductivity LCS/LCSD _____	_____	LCS/LCSD _____

pH Calibration

	Reading
4.00	4.05
7.00	7.05
10.00	9.95

Date: 6-17-23
 Time: 6-17-23

Conductivity Calibration

	Reading	units
_____	_____	µS
1412	_____	µS
_____	_____	mS

Calibration

	Reading
Std. _____	_____
Std. _____	_____
Std. _____	_____

Field Analyst Sig & Date: [Signature] 6-17-23
 Reviewed By & Date: _____
 Reviewed By & Date: _____

Field Analyst Sig & Date: [Signature] 6-17-23
 Reviewed By & Date: _____
 Reviewed By & Date: _____

Field Analyst Sig & Date: _____
 Reviewed By & Date: _____
 Reviewed By & Date: _____

Comments:

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results			Conductivity		Other:				
				Reading 1	Reading 2	LCSD	Range Factor	Reading 1	Reading 2	DF	Read1/units	DF	Read2/units
LCS	6-13-23	0918	21.1	7.04	7.05			1422					
ccv	6-13-23	1432	20.5	7.05	7.05			1441					

**** Field Meter ID for Temp, pH & Conductivity : _____

**** Field Meter ID for (_____) : _____

SW846	Std Methods	Lot #	Lot #	Lot #
Field Temp SOP 1156	2550 B	pH 4.0 Buffer	WC	Conductivity Std. 1412
pH in the Field SOP 1152	9040B	pH 7.0 Buffer	WC 230210B	Conductivity Std. _____
Field Cond. SOP 1155	9050A	pH 10.0 Buffer	WC 230126C	Conductivity Std. _____
Other: _____		pH LCS/LCSD 7	WC 221117B	Conductivity LCS/LCSD _____

pH Calibration

	Reading
Date: 6-13-23	4.00 <u>4.02</u>
Time: 0905	7.00 <u>7.01</u>
	10.00 <u>9.98</u>

Conductivity Calibration

Reading	units
1412	μ S
1415	μ S
	mS

Calibration

Std	Units	Reading
_____	_____	_____
_____	_____	_____
_____	_____	_____

Field Analyst Sig & Date: [Signature] 6-13-23
 Reviewed By & Date: _____
 Reviewed By & Date: _____

Field Analyst Sig & Date: [Signature] 6-13-23
 Reviewed By & Date: _____
 Reviewed By & Date: _____

Field Analyst Sig & Date: _____
 Reviewed By & Date: _____
 Reviewed By & Date: _____

Comments:

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results			Conductivity			Other:				
				Reading 1	Reading 2	LCSD	Range Factor	Reading 1	Reading 2	DF	Read1/units	DF	Read2/units	
LCS	6/13/23	10:15	21.2		7.10			1412						
ccv	6/13/23	1454	24.6		7.09			1406						

**** Field Meter ID for Temp, pH & Conductivity : Rentor Pine

**** Field Meter ID for (): _____

SW846	Std Methods	Lot #	Lot #	Lot #
Field Temp SOP 1156	2550 B	pH 4.0 Buffer	WC 230418R	Conductivity Std. 1412
pH in the Field SOP 1152	9040B	pH 7.0 Buffer	WC 230210B	Conductivity Std. _____
Field Cond. SOP 1155	9050A	pH 10.0 Buffer	WC 230126C	Conductivity Std. _____
Other: _____		pH LCS/LCSD _7_	WC 221117B	Conductivity LCS/LCSD _____

pH Calibration

	Reading
Date: 6/13/23	4.00 <u>4.00</u>
Time: 10:00	7.00 <u>7.02</u>
	10.00 <u>10.05</u>

Conductivity Calibration

	Reading	units
	1412	µS
		mS

Calibration

	Reading
Std	Units
Std	Units
Std	Units

Field Analyst Sig & Date: Jessy Caszda 6/13/23
 Reviewed By & Date: _____
 Reviewed By & Date: _____

Field Analyst Sig & Date: Jessy Caszda 6/13/23
 Reviewed By & Date: _____
 Reviewed By & Date: _____

Field Analyst Sig & Date: _____
 Reviewed By & Date: _____
 Reviewed By & Date: _____

Comments:

**ATTACHMENT C
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND
QUARTER 2 2023**

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023
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	E001	Antimony, total	mg/L	12/15/15 - 06/13/23	24	100	All ND - Last	0.001	0.001
MW-3	UA	E001	Arsenic, total	mg/L	12/15/15 - 06/13/23	24	100	All ND - Last	0.01	0.0048
MW-3	UA	E001	Barium, total	mg/L	12/15/15 - 06/13/23	24	0	CI around median	0.0461	0.15
MW-3	UA	E001	Beryllium, total	mg/L	12/15/15 - 06/13/23	24	100	All ND - Last	0.0005	0.001
MW-3	UA	E001	Boron, total	mg/L	12/15/15 - 06/13/23	24	0	CI around median	1.57	0.296
MW-3	UA	E001	Cadmium, total	mg/L	12/15/15 - 06/13/23	24	100	All ND - Last	0.002	0.001
MW-3	UA	E001	Chloride, total	mg/L	12/15/15 - 06/13/23	24	0	CI around mean	30.7	18
MW-3	UA	E001	Chromium, total	mg/L	12/15/15 - 06/13/23	24	97	CB around T-S line	0.0015	0.0095
MW-3	UA	E001	Cobalt, total	mg/L	12/15/15 - 06/13/23	24	90	CI around median	0.001	0.0039
MW-3	UA	E001	Fluoride, total	mg/L	12/15/15 - 06/13/23	24	0	CI around mean	0.242	0.51
MW-3	UA	E001	Lead, total	mg/L	12/15/15 - 06/13/23	24	100	All ND - Last	0.0075	0.0051
MW-3	UA	E001	Lithium, total	mg/L	02/25/21 - 06/13/23	10	90	CI around median	0.003	0.012
MW-3	UA	E001	Mercury, total	mg/L	12/15/15 - 06/13/23	24	100	All ND - Last	0.0002	0.0002
MW-3	UA	E001	Molybdenum, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.01	0.0062
MW-3	UA	E001	pH (field)	SU	12/15/15 - 06/13/23	24	0	CB around linear reg	6.4/6.7	5.6/7.6
MW-3	UA	E001	Radium 226 + Radium 228, total	pCi/L	11/06/17 - 06/13/23	20	0	CI around median	0.195	1
MW-3	UA	E001	Selenium, total	mg/L	12/15/15 - 06/13/23	24	100	All ND - Last	0.001	0.0018
MW-3	UA	E001	Sulfate, total	mg/L	12/15/15 - 06/13/23	24	0	CB around linear reg	114	151
MW-3	UA	E001	Thallium, total	mg/L	12/15/15 - 06/13/23	24	97	CB around T-S line	0.002	0.002
MW-3	UA	E001	Total Dissolved Solids	mg/L	12/15/15 - 06/13/23	24	0	CB around linear reg	539	494
MW-5	UA	E001	Antimony, total	mg/L	12/15/15 - 06/13/23	26	100	All ND - Last	0.001	0.001
MW-5	UA	E001	Arsenic, total	mg/L	12/15/15 - 06/13/23	28	91	CI around median	0.001	0.0048
MW-5	UA	E001	Barium, total	mg/L	12/15/15 - 06/13/23	28	0	CI around mean	0.142	0.15
MW-5	UA	E001	Beryllium, total	mg/L	12/15/15 - 06/13/23	26	100	All ND - Last	0.0005	0.001
MW-5	UA	E001	Boron, total	mg/L	12/15/15 - 06/13/23	28	0	CI around mean	0.529	0.296
MW-5	UA	E001	Cadmium, total	mg/L	12/15/15 - 06/13/23	25	100	All ND - Last	0.002	0.001
MW-5	UA	E001	Chloride, total	mg/L	12/15/15 - 06/13/23	28	0	CB around linear reg	45.1	18

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-5	UA	E001	Chromium, total	mg/L	12/15/15 - 06/13/23	28	97	CB around T-S line	0.0015	0.0095
MW-5	UA	E001	Cobalt, total	mg/L	12/15/15 - 06/13/23	28	91	CI around median	0.001	0.0039
MW-5	UA	E001	Fluoride, total	mg/L	12/15/15 - 06/13/23	28	3	CB around T-S line	0.16	0.51
MW-5	UA	E001	Lead, total	mg/L	12/15/15 - 06/13/23	28	97	CI around median	0.001	0.0051
MW-5	UA	E001	Lithium, total	mg/L	12/15/15 - 06/13/23	20	30	CB around linear reg	0.0029	0.012
MW-5	UA	E001	Mercury, total	mg/L	12/15/15 - 06/13/23	25	100	All ND - Last	0.0002	0.0002
MW-5	UA	E001	Molybdenum, total	mg/L	12/15/15 - 06/13/23	20	100	All ND - Last	0.01	0.0062
MW-5	UA	E001	pH (field)	SU	12/15/15 - 06/13/23	28	0	CB around linear reg	6.3/6.7	5.6/7.6
MW-5	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 06/13/23	29	0	CI around median	0.265	1
MW-5	UA	E001	Selenium, total	mg/L	12/15/15 - 06/13/23	28	100	All ND - Last	0.001	0.0018
MW-5	UA	E001	Sulfate, total	mg/L	12/15/15 - 06/13/23	28	36	CI around median	10	151
MW-5	UA	E001	Thallium, total	mg/L	12/15/15 - 06/13/23	25	97	CB around T-S line	0.0018	0.002
MW-5	UA	E001	Total Dissolved Solids	mg/L	12/15/15 - 06/13/23	28	0	CB around linear reg	672	494
MW-6	UA	E001	Antimony, total	mg/L	12/15/15 - 06/13/23	26	100	All ND - Last	0.001	0.001
MW-6	UA	E001	Arsenic, total	mg/L	12/15/15 - 06/13/23	28	100	All ND - Last	0.01	0.0048
MW-6	UA	E001	Barium, total	mg/L	12/15/15 - 06/13/23	28	0	CI around mean	0.0338	0.15
MW-6	UA	E001	Beryllium, total	mg/L	12/15/15 - 06/13/23	26	100	All ND - Last	0.0005	0.001
MW-6	UA	E001	Boron, total	mg/L	12/15/15 - 06/13/23	28	0	CI around mean	0.94	0.296
MW-6	UA	E001	Cadmium, total	mg/L	12/15/15 - 06/13/23	25	100	All ND - Last	0.002	0.001
MW-6	UA	E001	Chloride, total	mg/L	12/15/15 - 06/13/23	28	54	CB around T-S line	2.18	18
MW-6	UA	E001	Chromium, total	mg/L	12/15/15 - 06/13/23	28	91	CB around T-S line	0.00149	0.0095
MW-6	UA	E001	Cobalt, total	mg/L	12/15/15 - 06/13/23	28	100	All ND - Last	0.001	0.0039
MW-6	UA	E001	Fluoride, total	mg/L	12/15/15 - 06/13/23	28	0	CB around linear reg	0.19	0.51
MW-6	UA	E001	Lead, total	mg/L	12/15/15 - 06/13/23	28	100	All ND - Last	0.0075	0.0051
MW-6	UA	E001	Lithium, total	mg/L	12/15/15 - 06/13/23	20	85	CB around T-S line	0.00223	0.012
MW-6	UA	E001	Mercury, total	mg/L	12/15/15 - 06/13/23	25	100	All ND - Last	0.0002	0.0002
MW-6	UA	E001	Molybdenum, total	mg/L	12/15/15 - 06/13/23	20	100	All ND - Last	0.01	0.0062

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-6	UA	E001	pH (field)	SU	12/15/15 - 06/13/23	28	0	CI around mean	6.5/6.7	5.6/7.6
MW-6	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 06/13/23	29	0	CI around median	0.35	1
MW-6	UA	E001	Selenium, total	mg/L	12/15/15 - 06/13/23	28	94	CI around median	0.001	0.0018
MW-6	UA	E001	Sulfate, total	mg/L	12/15/15 - 06/13/23	28	0	CB around linear reg	49.7	151
MW-6	UA	E001	Thallium, total	mg/L	12/15/15 - 06/13/23	25	100	All ND - Last	0.002	0.002
MW-6	UA	E001	Total Dissolved Solids	mg/L	12/15/15 - 06/13/23	28	0	CB around linear reg	350	494
MW-7	UA	E001	Antimony, total	mg/L	12/15/15 - 06/12/23	26	100	All ND - Last	0.001	0.001
MW-7	UA	E001	Arsenic, total	mg/L	12/15/15 - 06/12/23	28	76	CI around median	0.001	0.0048
MW-7	UA	E001	Barium, total	mg/L	12/15/15 - 06/12/23	28	0	CI around mean	0.0472	0.15
MW-7	UA	E001	Beryllium, total	mg/L	12/15/15 - 06/12/23	26	100	All ND - Last	0.0005	0.001
MW-7	UA	E001	Boron, total	mg/L	12/15/15 - 06/12/23	28	0	CI around mean	0.206	0.296
MW-7	UA	E001	Cadmium, total	mg/L	12/15/15 - 06/12/23	25	100	All ND - Last	0.002	0.001
MW-7	UA	E001	Chloride, total	mg/L	12/15/15 - 06/12/23	28	79	CB around T-S line	2.19	18
MW-7	UA	E001	Chromium, total	mg/L	12/15/15 - 06/12/23	28	94	CB around T-S line	0.0015	0.0095
MW-7	UA	E001	Cobalt, total	mg/L	12/15/15 - 06/12/23	28	88	CI around median	0.001	0.0039
MW-7	UA	E001	Fluoride, total	mg/L	12/15/15 - 06/12/23	28	0	CI around mean	0.251	0.51
MW-7	UA	E001	Lead, total	mg/L	12/15/15 - 06/12/23	28	100	All ND - Last	0.0075	0.0051
MW-7	UA	E001	Lithium, total	mg/L	12/15/15 - 06/12/23	20	30	CI around mean	0.00265	0.012
MW-7	UA	E001	Mercury, total	mg/L	12/15/15 - 06/12/23	25	100	All ND - Last	0.0002	0.0002
MW-7	UA	E001	Molybdenum, total	mg/L	12/15/15 - 06/12/23	20	5	CI around mean	0.00258	0.0062
MW-7	UA	E001	pH (field)	SU	12/15/15 - 06/12/23	28	0	CI around mean	7.0/7.1	5.6/7.6
MW-7	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 06/12/23	29	0	CI around geomean	0.442	1
MW-7	UA	E001	Selenium, total	mg/L	12/15/15 - 06/12/23	28	100	All ND - Last	0.001	0.0018
MW-7	UA	E001	Sulfate, total	mg/L	12/15/15 - 06/12/23	28	0	CI around geomean	169	151
MW-7	UA	E001	Thallium, total	mg/L	12/15/15 - 06/12/23	25	100	All ND - Last	0.002	0.002
MW-7	UA	E001	Total Dissolved Solids	mg/L	12/15/15 - 06/12/23	28	0	CI around mean	556	494
MW-8	UA	E001	Antimony, total	mg/L	12/15/15 - 06/12/23	26	100	All ND - Last	0.001	0.001

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-8	UA	E001	Arsenic, total	mg/L	12/15/15 - 06/12/23	28	100	All ND - Last	0.01	0.0048
MW-8	UA	E001	Barium, total	mg/L	12/15/15 - 06/12/23	28	0	CB around linear reg	0.0193	0.15
MW-8	UA	E001	Beryllium, total	mg/L	12/15/15 - 06/12/23	26	100	All ND - Last	0.0005	0.001
MW-8	UA	E001	Boron, total	mg/L	12/15/15 - 06/12/23	28	0	CI around geomean	0.954	0.296
MW-8	UA	E001	Cadmium, total	mg/L	12/15/15 - 06/12/23	25	100	All ND - Last	0.002	0.001
MW-8	UA	E001	Chloride, total	mg/L	12/15/15 - 06/12/23	28	0	CB around linear reg	14.3	18
MW-8	UA	E001	Chromium, total	mg/L	12/15/15 - 06/12/23	28	100	All ND - Last	0.005	0.0095
MW-8	UA	E001	Cobalt, total	mg/L	12/15/15 - 06/12/23	28	30	CB around linear reg	0.000827	0.0039
MW-8	UA	E001	Fluoride, total	mg/L	12/15/15 - 06/12/23	28	0	CB around linear reg	0.222	0.51
MW-8	UA	E001	Lead, total	mg/L	12/15/15 - 06/12/23	28	100	All ND - Last	0.0075	0.0051
MW-8	UA	E001	Lithium, total	mg/L	12/15/15 - 06/12/23	20	45	CB around linear reg	0.00293	0.012
MW-8	UA	E001	Mercury, total	mg/L	12/15/15 - 06/12/23	25	100	All ND - Last	0.0002	0.0002
MW-8	UA	E001	Molybdenum, total	mg/L	12/15/15 - 06/12/23	20	100	All ND - Last	0.01	0.0062
MW-8	UA	E001	pH (field)	SU	12/15/15 - 06/12/23	28	0	CI around mean	6.6/6.7	5.6/7.6
MW-8	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 06/12/23	29	0	CI around median	0.2	1
MW-8	UA	E001	Selenium, total	mg/L	12/15/15 - 06/12/23	28	100	All ND - Last	0.001	0.0018
MW-8	UA	E001	Sulfate, total	mg/L	12/15/15 - 06/12/23	28	0	CB around linear reg	225	151
MW-8	UA	E001	Thallium, total	mg/L	12/15/15 - 06/12/23	25	100	All ND - Last	0.002	0.002
MW-8	UA	E001	Total Dissolved Solids	mg/L	12/15/15 - 06/12/23	28	0	CB around linear reg	762	494
MW-11	UA	E001	Antimony, total	mg/L	12/15/15 - 06/12/23	26	100	All ND - Last	0.001	0.001
MW-11	UA	E001	Arsenic, total	mg/L	12/15/15 - 06/12/23	28	21	CI around median	0.0012	0.0048
MW-11	UA	E001	Barium, total	mg/L	12/15/15 - 06/12/23	28	0	CI around mean	0.129	0.15
MW-11	UA	E001	Beryllium, total	mg/L	12/15/15 - 06/12/23	26	100	All ND - Last	0.0005	0.001
MW-11	UA	E001	Boron, total	mg/L	12/15/15 - 06/12/23	28	0	CI around mean	1.55	0.296
MW-11	UA	E001	Cadmium, total	mg/L	12/15/15 - 06/12/23	25	100	All ND - Last	0.002	0.001
MW-11	UA	E001	Chloride, total	mg/L	12/15/15 - 06/12/23	28	0	CB around linear reg	30.1	18
MW-11	UA	E001	Chromium, total	mg/L	12/15/15 - 06/12/23	28	96	CB around T-S line	0.00147	0.0095

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023
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-11	UA	E001	Cobalt, total	mg/L	12/15/15 - 06/12/23	28	93	CI around median	0.001	0.0039
MW-11	UA	E001	Fluoride, total	mg/L	12/15/15 - 06/12/23	28	0	CI around mean	0.492	0.51
MW-11	UA	E001	Lead, total	mg/L	12/15/15 - 06/12/23	28	100	All ND - Last	0.0075	0.0051
MW-11	UA	E001	Lithium, total	mg/L	12/15/15 - 06/12/23	20	40	CB around linear reg	0.00277	0.012
MW-11	UA	E001	Mercury, total	mg/L	12/15/15 - 06/12/23	25	100	All ND - Last	0.0002	0.0002
MW-11	UA	E001	Molybdenum, total	mg/L	12/15/15 - 06/12/23	20	5	CI around median	0.0021	0.0062
MW-11	UA	E001	pH (field)	SU	12/15/15 - 06/12/23	28	0	CB around linear reg	6.5/6.8	5.6/7.6
MW-11	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 06/12/23	29	0	CI around mean	0.531	1
MW-11	UA	E001	Selenium, total	mg/L	12/15/15 - 06/12/23	28	61	CI around median	0.001	0.0018
MW-11	UA	E001	Sulfate, total	mg/L	12/15/15 - 06/12/23	28	0	CI around mean	107	151
MW-11	UA	E001	Thallium, total	mg/L	12/15/15 - 06/12/23	25	100	All ND - Last	0.002	0.002
MW-11	UA	E001	Total Dissolved Solids	mg/L	12/15/15 - 06/12/23	28	0	CB around linear reg	579	494
MW-12	UA	E001	Antimony, total	mg/L	12/15/15 - 06/13/23	26	100	All ND - Last	0.001	0.001
MW-12	UA	E001	Arsenic, total	mg/L	12/15/15 - 06/13/23	28	96	CI around median	0.001	0.0048
MW-12	UA	E001	Barium, total	mg/L	12/15/15 - 06/13/23	28	0	CB around linear reg	0.0531	0.15
MW-12	UA	E001	Beryllium, total	mg/L	12/15/15 - 06/13/23	26	100	All ND - Last	0.0005	0.001
MW-12	UA	E001	Boron, total	mg/L	12/15/15 - 06/13/23	28	0	CI around mean	2.64	0.296
MW-12	UA	E001	Cadmium, total	mg/L	12/15/15 - 06/13/23	25	100	All ND - Last	0.002	0.001
MW-12	UA	E001	Chloride, total	mg/L	12/15/15 - 06/13/23	28	0	CB around linear reg	18.5	18
MW-12	UA	E001	Chromium, total	mg/L	12/15/15 - 06/13/23	28	100	All ND - Last	0.005	0.0095
MW-12	UA	E001	Cobalt, total	mg/L	12/15/15 - 06/13/23	28	100	All ND - Last	0.001	0.0039
MW-12	UA	E001	Fluoride, total	mg/L	12/15/15 - 06/13/23	28	0	CI around median	0.18	0.51
MW-12	UA	E001	Lead, total	mg/L	12/15/15 - 06/13/23	28	100	All ND - Last	0.0075	0.0051
MW-12	UA	E001	Lithium, total	mg/L	12/15/15 - 06/13/23	20	0	CI around mean	0.00832	0.012
MW-12	UA	E001	Mercury, total	mg/L	12/15/15 - 06/13/23	25	100	All ND - Last	0.0002	0.0002
MW-12	UA	E001	Molybdenum, total	mg/L	12/15/15 - 06/13/23	20	90	CB around T-S line	0.00127	0.0062
MW-12	UA	E001	pH (field)	SU	12/15/15 - 06/13/23	28	0	CB around linear reg	6.4/6.7	5.6/7.6

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023
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-12	UA	E001	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 06/13/23	29	0	CI around median	0.429	1
MW-12	UA	E001	Selenium, total	mg/L	12/15/15 - 06/13/23	28	96	CI around median	0.001	0.0018
MW-12	UA	E001	Sulfate, total	mg/L	12/15/15 - 06/13/23	28	0	CI around mean	363	151
MW-12	UA	E001	Thallium, total	mg/L	12/15/15 - 06/13/23	25	100	All ND - Last	0.002	0.002
MW-12	UA	E001	Total Dissolved Solids	mg/L	12/15/15 - 06/13/23	28	0	CB around linear reg	981	494
MW-20	UA	E001	Antimony, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.001	0.001
MW-20	UA	E001	Arsenic, total	mg/L	02/26/21 - 06/13/23	10	40	CI around median	0.001	0.0048
MW-20	UA	E001	Barium, total	mg/L	02/26/21 - 06/13/23	10	0	CI around mean	0.103	0.15
MW-20	UA	E001	Beryllium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.0005	0.001
MW-20	UA	E001	Boron, total	mg/L	02/26/21 - 06/13/23	10	0	CB around linear reg	0.455	0.296
MW-20	UA	E001	Cadmium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.002	0.001
MW-20	UA	E001	Chloride, total	mg/L	02/26/21 - 06/13/23	10	0	CI around mean	23	18
MW-20	UA	E001	Chromium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.005	0.0095
MW-20	UA	E001	Cobalt, total	mg/L	02/26/21 - 06/13/23	10	90	CI around median	0.001	0.0039
MW-20	UA	E001	Fluoride, total	mg/L	02/26/21 - 06/13/23	10	0	CB around linear reg	0.306	0.51
MW-20	UA	E001	Lead, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.0075	0.0051
MW-20	UA	E001	Lithium, total	mg/L	02/26/21 - 06/13/23	10	0	CB around linear reg	-0.00639	0.012
MW-20	UA	E001	Mercury, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.0002	0.0002
MW-20	UA	E001	Molybdenum, total	mg/L	02/26/21 - 06/13/23	10	10	CB around linear reg	-0.00255	0.0062
MW-20	UA	E001	pH (field)	SU	02/26/21 - 06/13/23	10	0	CI around mean	6.8/7.1	5.6/7.6
MW-20	UA	E001	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 06/13/23	10	0	CI around mean	0.164	1
MW-20	UA	E001	Selenium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.001	0.0018
MW-20	UA	E001	Sulfate, total	mg/L	02/26/21 - 06/13/23	10	0	CB around linear reg	174	151
MW-20	UA	E001	Thallium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.002	0.002
MW-20	UA	E001	Total Dissolved Solids	mg/L	02/26/21 - 06/13/23	9	0	CB around linear reg	621	494
MW-20S	USCU	E001	Antimony, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.001	0.001
MW-20S	USCU	E001	Arsenic, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.01	0.0048

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023
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-20S	USCU	E001	Barium, total	mg/L	02/26/21 - 06/13/23	10	10	CI around median	0.0352	0.15
MW-20S	USCU	E001	Beryllium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.0005	0.001
MW-20S	USCU	E001	Boron, total	mg/L	02/26/21 - 06/13/23	10	0	CB around T-S line	1.6	0.296
MW-20S	USCU	E001	Cadmium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.002	0.001
MW-20S	USCU	E001	Chloride, total	mg/L	02/26/21 - 06/13/23	10	0	CI around mean	17	18
MW-20S	USCU	E001	Chromium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.005	0.0095
MW-20S	USCU	E001	Cobalt, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.001	0.0039
MW-20S	USCU	E001	Fluoride, total	mg/L	02/26/21 - 06/13/23	10	0	CI around mean	0.176	0.51
MW-20S	USCU	E001	Lead, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.0075	0.0051
MW-20S	USCU	E001	Lithium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.003	0.012
MW-20S	USCU	E001	Mercury, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.0002	0.0002
MW-20S	USCU	E001	Molybdenum, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.01	0.0062
MW-20S	USCU	E001	pH (field)	SU	02/26/21 - 06/13/23	10	0	CI around mean	6.4/6.8	5.6/7.6
MW-20S	USCU	E001	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 06/13/23	10	0	CI around mean	0.0448	1
MW-20S	USCU	E001	Selenium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.001	0.0018
MW-20S	USCU	E001	Sulfate, total	mg/L	02/26/21 - 06/13/23	10	0	CB around linear reg	404	151
MW-20S	USCU	E001	Thallium, total	mg/L	02/26/21 - 06/13/23	10	100	All ND - Last	0.002	0.002
MW-20S	USCU	E001	Total Dissolved Solids	mg/L	02/26/21 - 06/13/23	9	0	CB around linear reg	1,100	494
MW-23	UA	E001	Antimony, total	mg/L	02/26/21 - 06/12/23	10	100	All ND - Last	0.001	0.001
MW-23	UA	E001	Arsenic, total	mg/L	02/26/21 - 06/12/23	10	60	CI around median	0.001	0.0048
MW-23	UA	E001	Barium, total	mg/L	02/26/21 - 06/12/23	10	0	CI around mean	0.0784	0.15
MW-23	UA	E001	Beryllium, total	mg/L	02/26/21 - 06/12/23	10	100	All ND - Last	0.0005	0.001
MW-23	UA	E001	Boron, total	mg/L	02/26/21 - 06/12/23	10	0	CI around median	1.91	0.296
MW-23	UA	E001	Cadmium, total	mg/L	02/26/21 - 06/12/23	10	100	All ND - Last	0.002	0.001
MW-23	UA	E001	Chloride, total	mg/L	02/26/21 - 06/12/23	10	0	CI around mean	29	18
MW-23	UA	E001	Chromium, total	mg/L	02/26/21 - 06/12/23	10	100	All ND - Last	0.005	0.0095
MW-23	UA	E001	Cobalt, total	mg/L	02/26/21 - 06/12/23	10	30	CI around median	0.001	0.0039

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023
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-23	UA	E001	Fluoride, total	mg/L	02/26/21 - 06/12/23	10	0	CI around mean	0.341	0.51
MW-23	UA	E001	Lead, total	mg/L	02/26/21 - 06/12/23	10	100	All ND - Last	0.0075	0.0051
MW-23	UA	E001	Lithium, total	mg/L	02/26/21 - 06/12/23	10	100	All ND - Last	0.003	0.012
MW-23	UA	E001	Mercury, total	mg/L	02/26/21 - 06/12/23	10	100	All ND - Last	0.0002	0.0002
MW-23	UA	E001	Molybdenum, total	mg/L	02/26/21 - 06/12/23	10	90	CI around median	0.0015	0.0062
MW-23	UA	E001	pH (field)	SU	02/26/21 - 06/12/23	10	0	CI around mean	6.5/6.8	5.6/7.6
MW-23	UA	E001	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 06/12/23	10	0	CI around mean	0.14	1
MW-23	UA	E001	Selenium, total	mg/L	02/26/21 - 06/12/23	10	100	All ND - Last	0.001	0.0018
MW-23	UA	E001	Sulfate, total	mg/L	02/26/21 - 06/12/23	10	0	CI around mean	42.3	151
MW-23	UA	E001	Thallium, total	mg/L	02/26/21 - 06/12/23	10	100	All ND - Last	0.002	0.002
MW-23	UA	E001	Total Dissolved Solids	mg/L	02/26/21 - 06/12/23	9	0	CI around mean	575	494
MW-27	USCU	E001	pH (field)	SU	02/24/21 - 06/12/23	10	0	CI around mean	6.6/6.9	5.6/7.6
MW-28	UA	E001	Antimony, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.001	0.001
MW-28	UA	E001	Arsenic, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.01	0.0048
MW-28	UA	E001	Barium, total	mg/L	02/24/21 - 06/13/23	10	0	CI around mean	0.0214	0.15
MW-28	UA	E001	Beryllium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.0005	0.001
MW-28	UA	E001	Boron, total	mg/L	02/24/21 - 06/13/23	10	0	CI around mean	8.58	0.296
MW-28	UA	E001	Cadmium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.002	0.001
MW-28	UA	E001	Chloride, total	mg/L	02/24/21 - 06/13/23	10	0	CI around mean	12.4	18
MW-28	UA	E001	Chromium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.005	0.0095
MW-28	UA	E001	Cobalt, total	mg/L	02/24/21 - 06/13/23	10	80	CI around median	0.001	0.0039
MW-28	UA	E001	Fluoride, total	mg/L	02/24/21 - 06/13/23	10	0	CI around median	0.12	0.51
MW-28	UA	E001	Lead, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.0075	0.0051
MW-28	UA	E001	Lithium, total	mg/L	02/24/21 - 06/13/23	10	0	CI around mean	0.00596	0.012
MW-28	UA	E001	Mercury, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.0002	0.0002
MW-28	UA	E001	Molybdenum, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.01	0.0062
MW-28	UA	E001	pH (field)	SU	02/24/21 - 06/13/23	10	0	CI around mean	6.5/6.9	5.6/7.6

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

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MW-28	UA	E001	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 06/13/23	10	0	CI around mean	0.0382	1
MW-28	UA	E001	Selenium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.001	0.0018
MW-28	UA	E001	Sulfate, total	mg/L	02/24/21 - 06/13/23	10	0	CI around mean	808	151
MW-28	UA	E001	Thallium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.002	0.002
MW-28	UA	E001	Total Dissolved Solids	mg/L	02/24/21 - 06/13/23	9	0	CI around mean	1,610	494
MW-30	UA	E001	Antimony, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.001	0.001
MW-30	UA	E001	Arsenic, total	mg/L	02/25/21 - 06/13/23	10	10	CB around linear reg	-0.00022	0.0048
MW-30	UA	E001	Barium, total	mg/L	02/25/21 - 06/13/23	10	0	CI around mean	0.15	0.15
MW-30	UA	E001	Beryllium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.0005	0.001
MW-30	UA	E001	Boron, total	mg/L	02/25/21 - 06/13/23	10	0	CI around geomean	1.08	0.296
MW-30	UA	E001	Cadmium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.002	0.001
MW-30	UA	E001	Chloride, total	mg/L	02/25/21 - 06/13/23	10	0	CI around mean	47.9	18
MW-30	UA	E001	Chromium, total	mg/L	02/25/21 - 06/13/23	10	70	CI around median	0.0015	0.0095
MW-30	UA	E001	Cobalt, total	mg/L	02/25/21 - 06/13/23	10	0	CI around mean	0.00202	0.0039
MW-30	UA	E001	Fluoride, total	mg/L	02/25/21 - 06/13/23	10	0	CB around linear reg	0.248	0.51
MW-30	UA	E001	Lead, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.0075	0.0051
MW-30	UA	E001	Lithium, total	mg/L	02/25/21 - 06/13/23	10	80	CB around T-S line	-0.0119	0.012
MW-30	UA	E001	Mercury, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.0002	0.0002
MW-30	UA	E001	Molybdenum, total	mg/L	02/25/21 - 06/13/23	10	40	CI around geomean	0.00148	0.0062
MW-30	UA	E001	pH (field)	SU	02/25/21 - 06/13/23	10	0	CI around mean	6.4/6.6	5.6/7.6
MW-30	UA	E001	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 06/13/23	10	0	CI around geomean	0.536	1
MW-30	UA	E001	Selenium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.001	0.0018
MW-30	UA	E001	Sulfate, total	mg/L	02/25/21 - 06/13/23	10	20	CB around linear reg	-54.3	151
MW-30	UA	E001	Thallium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.002	0.002
MW-30	UA	E001	Total Dissolved Solids	mg/L	02/25/21 - 06/13/23	9	0	CI around median	642	494
MW-31	UA	E001	Antimony, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.001	0.001
MW-31	UA	E001	Arsenic, total	mg/L	02/24/21 - 06/13/23	10	10	CI around mean	0.00237	0.0048

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023
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-31	UA	E001	Barium, total	mg/L	02/24/21 - 06/13/23	10	0	CI around mean	0.217	0.15
MW-31	UA	E001	Beryllium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.0005	0.001
MW-31	UA	E001	Boron, total	mg/L	02/24/21 - 06/13/23	10	0	CI around mean	0.246	0.296
MW-31	UA	E001	Cadmium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.002	0.001
MW-31	UA	E001	Chloride, total	mg/L	02/24/21 - 06/13/23	10	0	CI around mean	48.1	18
MW-31	UA	E001	Chromium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.005	0.0095
MW-31	UA	E001	Cobalt, total	mg/L	02/24/21 - 06/13/23	10	80	CI around median	0.001	0.0039
MW-31	UA	E001	Fluoride, total	mg/L	02/24/21 - 06/13/23	10	0	CB around linear reg	0.131	0.51
MW-31	UA	E001	Lead, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.0075	0.0051
MW-31	UA	E001	Lithium, total	mg/L	02/24/21 - 06/13/23	10	0	CI around mean	0.00488	0.012
MW-31	UA	E001	Mercury, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.0002	0.0002
MW-31	UA	E001	Molybdenum, total	mg/L	02/24/21 - 06/13/23	10	40	CI around median	0.0015	0.0062
MW-31	UA	E001	pH (field)	SU	02/24/21 - 06/13/23	10	0	CI around mean	6.4/6.7	5.6/7.6
MW-31	UA	E001	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 06/13/23	10	0	CI around mean	0.491	1
MW-31	UA	E001	Selenium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.001	0.0018
MW-31	UA	E001	Sulfate, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	10	151
MW-31	UA	E001	Thallium, total	mg/L	02/24/21 - 06/13/23	10	100	All ND - Last	0.002	0.002
MW-31	UA	E001	Total Dissolved Solids	mg/L	02/24/21 - 06/13/23	9	0	CI around mean	574	494
MW-31S	USCU	E001	pH (field)	SU	02/24/21 - 06/13/23	10	0	CI around mean	6.4/6.7	5.6/7.6
MW-32	UA	E001	Antimony, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.001	0.001
MW-32	UA	E001	Arsenic, total	mg/L	02/25/21 - 06/13/23	10	90	CI around median	0.001	0.0048
MW-32	UA	E001	Barium, total	mg/L	02/25/21 - 06/13/23	10	0	CB around linear reg	0.0257	0.15
MW-32	UA	E001	Beryllium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.0005	0.001
MW-32	UA	E001	Boron, total	mg/L	02/25/21 - 06/13/23	10	0	CI around mean	1.5	0.296
MW-32	UA	E001	Cadmium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.002	0.001
MW-32	UA	E001	Chloride, total	mg/L	02/25/21 - 06/13/23	10	0	CB around linear reg	10.1	18
MW-32	UA	E001	Chromium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.005	0.0095

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023
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-32	UA	E001	Cobalt, total	mg/L	02/25/21 - 06/13/23	10	70	CI around median	0.001	0.0039
MW-32	UA	E001	Fluoride, total	mg/L	02/25/21 - 06/13/23	10	0	CI around mean	0.17	0.51
MW-32	UA	E001	Lead, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.0075	0.0051
MW-32	UA	E001	Lithium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.003	0.012
MW-32	UA	E001	Mercury, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.0002	0.0002
MW-32	UA	E001	Molybdenum, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.01	0.0062
MW-32	UA	E001	pH (field)	SU	02/25/21 - 06/13/23	10	0	CI around mean	6.2/6.5	5.6/7.6
MW-32	UA	E001	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 06/13/23	10	0	CI around median	0	1
MW-32	UA	E001	Selenium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.001	0.0018
MW-32	UA	E001	Sulfate, total	mg/L	02/25/21 - 06/13/23	10	0	CI around mean	429	151
MW-32	UA	E001	Thallium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.002	0.002
MW-32	UA	E001	Total Dissolved Solids	mg/L	02/25/21 - 06/13/23	9	0	CI around median	1,100	494
PZ-4C	UA	E001	Antimony, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.001	0.001
PZ-4C	UA	E001	Arsenic, total	mg/L	02/25/21 - 06/13/23	10	50	CB around T-S line	0.001	0.0048
PZ-4C	UA	E001	Barium, total	mg/L	02/25/21 - 06/13/23	10	0	CB around T-S line	0.274	0.15
PZ-4C	UA	E001	Beryllium, total	mg/L	02/25/21 - 06/13/23	10	90	CI around median	0.001	0.001
PZ-4C	UA	E001	Boron, total	mg/L	02/25/21 - 06/13/23	10	0	CI around mean	1.34	0.296
PZ-4C	UA	E001	Cadmium, total	mg/L	02/25/21 - 06/13/23	10	90	CI around median	0.001	0.001
PZ-4C	UA	E001	Chloride, total	mg/L	02/25/21 - 06/13/23	10	0	CB around linear reg	30.3	18
PZ-4C	UA	E001	Chromium, total	mg/L	02/25/21 - 06/13/23	10	40	CI around median	0.0015	0.0095
PZ-4C	UA	E001	Cobalt, total	mg/L	02/25/21 - 06/13/23	10	70	CI around median	0.001	0.0039
PZ-4C	UA	E001	Fluoride, total	mg/L	02/25/21 - 06/13/23	10	0	CI around mean	0.388	0.51
PZ-4C	UA	E001	Lead, total	mg/L	02/25/21 - 06/13/23	10	50	CB around T-S line	0.001	0.0051
PZ-4C	UA	E001	Lithium, total	mg/L	02/25/21 - 06/13/23	10	0	CI around median	0.0067	0.012
PZ-4C	UA	E001	Mercury, total	mg/L	02/25/21 - 06/13/23	10	90	CI around median	0.0002	0.0002
PZ-4C	UA	E001	Molybdenum, total	mg/L	02/25/21 - 06/13/23	10	80	CI around median	0.0015	0.0062
PZ-4C	UA	E001	pH (field)	SU	02/25/21 - 06/13/23	10	0	CI around mean	6.5/7.1	5.6/7.6

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 2, 2023

845 QUARTERLY REPORT
 KINCAID POWER PLANT
 ASH POND
 KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
PZ-4C	UA	E001	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 06/13/23	10	0	CI around geomean	0.439	1
PZ-4C	UA	E001	Selenium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.001	0.0018
PZ-4C	UA	E001	Sulfate, total	mg/L	02/25/21 - 06/13/23	10	0	CI around mean	65.8	151
PZ-4C	UA	E001	Thallium, total	mg/L	02/25/21 - 06/13/23	10	100	All ND - Last	0.002	0.002
PZ-4C	UA	E001	Total Dissolved Solids	mg/L	02/25/21 - 06/13/23	9	0	CI around median	546	494

Notes:

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

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

Statistical Result = calculated in accordance with Statistical Analysis Plan using constituent concentrations observed at 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