Luminant

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

June 3, 2024

Illinois Environmental Protection Agency
DWPC – Permits MC#15
Attn: Part 845 Coal Combustion Residual Rule Submittal
1021 North Grand Avenue East
Springfield, IL 62794

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

Dear Mr. LeCrone:

In accordance with Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.610(b)(3)(D), Kincaid Generation, LLC is submitting groundwater monitoring data for the Quarter 1, 2024 sampling event at the Kincaid Power Plant Ash Pond, identified by Illinois Environmental Protection Agency (IEPA) ID No. W0218140002-01. This data is being submitted and placed in the facility's operating record as required by 35 I.A.C. § 845.800(d)(15) within 60 days of receiving final laboratory analytical data. Results were compared with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine statistical exceedances of the GWPS.

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

A Corrective Measures Assessment (CMA) was initiated on December 14, 2023 and submitted to IEPA on May 12, 2024 in accordance with 35 I.A.C. § 845.660. GWPS exceedances for subsequent events will be incorporated into the CMA on a case by case basis, as opposed to generating a new CMA.

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

Sincerely,

Phil Morris, PE
Senior Director, Environmental

Enclosures

Groundwater Monitoring Data and Detected Exceedances, Quarter 1, 2024, Ash Pond, Kincaid Power Plant, Kincaid, Illinois

35 I.A.C. § 845.610(b)(3)(D)
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES
QUARTER 1, 2024
ASH POND, KINCAID POWER PLANT, KINCAID, ILLINOIS

June 3, 2024

Samples were collected between March 4 and March 6, 2024 and analyzed for the parameters listed in Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.600(a), calcium, and turbidity. Final laboratory analytical data was received on April 4, 2024.

The monitoring well locations are included in **Figure 1**. **Attachment A** summarizes the groundwater elevation data for the Quarter 1, 2024 sampling event. Groundwater elevation data was not able to be collected for wells MW-7S and MW-8S because the water level was below the top of the dedicated submersible pump. **Table 1** is a summary of the field parameters and analytical results. **Attachment B** contains the associated laboratory analytical reports and field data sheets for the Quarter 1, 2024 sampling event. Monitoring well MW-8S was dry at the time of sampling; therefore, no groundwater sample was collected from this well.

Statistical procedures used to evaluate groundwater results are provided in Appendix A of the Groundwater Monitoring Plan[1] provided in the operating permit application. In accordance with 35 I.A.C. § 845.610(b)(3)(B), the Quarter 1, 2024 groundwater monitoring data were evaluated for statistical exceedances over background levels for the constituents listed in 35 I.A.C. § 845.600. **Attachment C** shows the statistically derived values compared to background levels.

In accordance with 35 I.A.C. § 845.610(b)(3)(C), the statistically derived values identified as Statistical Results in **Table 2** were compared with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine statistical exceedances of the GWPS, as shown in **Table 2**. The date of this submittal is considered to be the date that the exceedances were detected.

A Corrective Measures Assessment[2] (CMA) was initiated on December 14, 2023 and submitted to Illinois Environmental Protection Agency (IEPA) on May 12, 2024 in accordance with 35 I.A.C. § 845.660. GWPS exceedances for subsequent events will be incorporated into the CMA on a case-by-case basis, as opposed to generating a new CMA.

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

TABLES

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

[2] Ramboll, 2024. *35 I.A.C. § 845 Corrective Measures Assessment. Kincaid Power Plant, Ash Pond, IEPA ID: W0218140002-01.* May 12, 2024.

FIGURES

ATTACHMENTS

TABLES

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-1	Background	E004	03/04/2024	Antimony, total	0.0004 U	mg/L
MW-1	Background	E004	03/04/2024	Arsenic, total	0.0004 J	mg/L
MW-1	Background	E004	03/04/2024	Barium, total	0.0534	mg/L
MW-1	Background	E004	03/04/2024	Beryllium, total	0.0002 U	mg/L
MW-1	Background	E004	03/04/2024	Boron, total	0.221	mg/L
MW-1	Background	E004	03/04/2024	Cadmium, total	0.0002 U	mg/L
MW-1	Background	E004	03/04/2024	Calcium, total	56.1	mg/L
MW-1	Background	E004	03/04/2024	Chloride, total	16.0	mg/L
MW-1	Background	E004	03/04/2024	Chromium, total	0.00180	mg/L
MW-1	Background	E004	03/04/2024	Cobalt, total	0.0003 J	mg/L
MW-1	Background	E004	03/04/2024	Dissolved Oxygen	1.13	mg/L
MW-1	Background	E004	03/04/2024	Fluoride, total	0.180	mg/L
MW-1	Background	E004	03/04/2024	Lead, total	0.0006 U	mg/L
MW-1	Background	E004	03/04/2024	Lithium, total	0.0022 J	mg/L
MW-1	Background	E004	03/04/2024	Mercury, total	0.00006 U	mg/L
MW-1	Background	E004	03/04/2024	Molybdenum, total	0.001 J	mg/L
MW-1	Background	E004	03/04/2024	Oxidation Reduction Potential	42.0	mV
MW-1	Background	E004	03/04/2024	pH (field)	6.6	SU
MW-1	Background	E004	03/04/2024	Radium 226 + Radium 228, total	0.387	pCi/L
MW-1	Background	E004	03/04/2024	Selenium, total	0.0006 U	mg/L
MW-1	Background	E004	03/04/2024	Specific Conductance @ 25C (field)	512	micromhos/cm
MW-1	Background	E004	03/04/2024	Sulfate, total	97.0	mg/L
MW-1	Background	E004	03/04/2024	Temperature	17.3	degrees C
MW-1	Background	E004	03/04/2024	Thallium, total	0.001 U	mg/L
MW-1	Background	E004	03/04/2024	Total Dissolved Solids	324	mg/L
MW-1	Background	E004	03/04/2024	Turbidity, field	18.0	NTU
MW-2	Background	E004	03/04/2024	Antimony, total	0.0004 U	mg/L
MW-2	Background	E004	03/04/2024	Arsenic, total	0.00230	mg/L
MW-2	Background	E004	03/04/2024	Barium, total	0.126	mg/L
MW-2	Background	E004	03/04/2024	Beryllium, total	0.0003 J	mg/L
MW-2	Background	E004	03/04/2024	Boron, total	0.03 U	mg/L
MW-2	Background	E004	03/04/2024	Cadmium, total	0.0002 U	mg/L
MW-2	Background	E004	03/04/2024	Calcium, total	97.1	mg/L
MW-2	Background	E004	03/04/2024	Chloride, total	18.0	mg/L
MW-2	Background	E004	03/04/2024	Chromium, total	0.00610	mg/L
MW-2	Background	E004	03/04/2024	Cobalt, total	0.00140	mg/L
MW-2	Background	E004	03/04/2024	Dissolved Oxygen	1.59	mg/L
MW-2	Background	E004	03/04/2024	Fluoride, total	0.430	mg/L
MW-2	Background	E004	03/04/2024	Lead, total	0.00190	mg/L
MW-2	Background	E004	03/04/2024	Lithium, total	0.00870	mg/L
MW-2	Background	E004	03/04/2024	Mercury, total	0.00006 U	mg/L
MW-2	Background	E004	03/04/2024	Molybdenum, total	0.00500	mg/L
MW-2	Background	E004	03/04/2024	Oxidation Reduction Potential	42.0	mV
MW-2	Background	E004	03/04/2024	pH (field)	7.2	SU
MW-2	Background	E004	03/04/2024	Radium 226 + Radium 228, total	0.153	pCi/L
MW-2	Background	E004	03/04/2024	Selenium, total	0.0006 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-2	Background	E004	03/04/2024	Specific Conductance @ 25C (field)	664	micromhos/cm
MW-2	Background	E004	03/04/2024	Sulfate, total	153	mg/L
MW-2	Background	E004	03/04/2024	Temperature	17.3	degrees C
MW-2	Background	E004	03/04/2024	Thallium, total	0.001 U	mg/L
MW-2	Background	E004	03/04/2024	Total Dissolved Solids	455	mg/L
MW-2	Background	E004	03/04/2024	Turbidity, field	84.0	NTU
MW-3	Compliance	E004	03/04/2024	Antimony, total	0.0004 U	mg/L
MW-3	Compliance	E004	03/04/2024	Arsenic, total	0.0005 J	mg/L
MW-3	Compliance	E004	03/04/2024	Barium, total	0.0478	mg/L
MW-3	Compliance	E004	03/04/2024	Beryllium, total	0.0002 U	mg/L
MW-3	Compliance	E004	03/04/2024	Boron, total	1.52	mg/L
MW-3	Compliance	E004	03/04/2024	Cadmium, total	0.0002 U	mg/L
MW-3	Compliance	E004	03/04/2024	Calcium, total	94.0	mg/L
MW-3	Compliance	E004	03/04/2024	Chloride, total	30.0	mg/L
MW-3	Compliance	E004	03/04/2024	Chromium, total	0.0008 U	mg/L
MW-3	Compliance	E004	03/04/2024	Cobalt, total	0.00210	mg/L
MW-3	Compliance	E004	03/04/2024	Dissolved Oxygen	1.50	mg/L
MW-3	Compliance	E004	03/04/2024	Fluoride, total	0.220	mg/L
MW-3	Compliance	E004	03/04/2024	Lead, total	0.0006 U	mg/L
MW-3	Compliance	E004	03/04/2024	Lithium, total	0.0021 J	mg/L
MW-3	Compliance	E004	03/04/2024	Mercury, total	0.00006 U	mg/L
MW-3	Compliance	E004	03/04/2024	Molybdenum, total	0.0009 J	mg/L
MW-3	Compliance	E004	03/04/2024	Oxidation Reduction Potential	68.0	mV
MW-3	Compliance	E004	03/04/2024	pH (field)	6.8	SU
MW-3	Compliance	E004	03/04/2024	Radium 226 + Radium 228, total	0.395	pCi/L
MW-3	Compliance	E004	03/04/2024	Selenium, total	0.0006 U	mg/L
MW-3	Compliance	E004	03/04/2024	Specific Conductance @ 25C (field)	821	micromhos/cm
MW-3	Compliance	E004	03/04/2024	Sulfate, total	143	mg/L
MW-3	Compliance	E004	03/04/2024	Temperature	15.8	degrees C
MW-3	Compliance	E004	03/04/2024	Thallium, total	0.0017 J	mg/L
MW-3	Compliance	E004	03/04/2024	Total Dissolved Solids	586	mg/L
MW-3	Compliance	E004	03/04/2024	Turbidity, field	12.0	NTU
MW-5	Compliance	E004	03/04/2024	Antimony, total	0.0004 U	mg/L
MW-5	Compliance	E004	03/04/2024	Arsenic, total	0.00180	mg/L
MW-5	Compliance	E004	03/04/2024	Barium, total	0.161	mg/L
MW-5	Compliance	E004	03/04/2024	Beryllium, total	0.0002 U	mg/L
MW-5	Compliance	E004	03/04/2024	Boron, total	0.482	mg/L
MW-5	Compliance	E004	03/04/2024	Cadmium, total	0.0002 U	mg/L
MW-5	Compliance	E004	03/04/2024	Calcium, total	156	mg/L
MW-5	Compliance	E004	03/04/2024	Chloride, total	47.0	mg/L
MW-5	Compliance	E004	03/04/2024	Chromium, total	0.00300	mg/L
MW-5	Compliance	E004	03/04/2024	Cobalt, total	0.00140	mg/L
MW-5	Compliance	E004	03/04/2024	Dissolved Oxygen	0.660	mg/L
MW-5	Compliance	E004	03/04/2024	Fluoride, total	0.150	mg/L
MW-5	Compliance	E004	03/04/2024	Lead, total	0.00140	mg/L
MW-5	Compliance	E004	03/04/2024	Lithium, total	0.00400	mg/L

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KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-5	Compliance	E004	03/04/2024	Mercury, total	0.00006 U	mg/L
MW-5	Compliance	E004	03/04/2024	Molybdenum, total	0.00200	mg/L
MW-5	Compliance	E004	03/04/2024	Oxidation Reduction Potential	32.0	mV
MW-5	Compliance	E004	03/04/2024	pH (field)	6.6	SU
MW-5	Compliance	E004	03/04/2024	Radium 226 + Radium 228, total	1.34	pCi/L
MW-5	Compliance	E004	03/04/2024	Selenium, total	0.0006 U	mg/L
MW-5	Compliance	E004	03/04/2024	Specific Conductance @ 25C (field)	1,150	micromhos/cm
MW-5	Compliance	E004	03/04/2024	Sulfate, total	14.0	mg/L
MW-5	Compliance	E004	03/04/2024	Temperature	16.9	degrees C
MW-5	Compliance	E004	03/04/2024	Thallium, total	0.0012 U	mg/L
MW-5	Compliance	E004	03/04/2024	Total Dissolved Solids	780	mg/L
MW-5	Compliance	E004	03/04/2024	Turbidity, field	54.0	NTU
MW-6	Compliance	E004	03/05/2024	Antimony, total	0.0004 U	mg/L
MW-6	Compliance	E004	03/05/2024	Arsenic, total	0.0004 J	mg/L
MW-6	Compliance	E004	03/05/2024	Barium, total	0.0408	mg/L
MW-6	Compliance	E004	03/05/2024	Beryllium, total	0.0002 U	mg/L
MW-6	Compliance	E004	03/05/2024	Boron, total	0.971	mg/L
MW-6	Compliance	E004	03/05/2024	Cadmium, total	0.0002 U	mg/L
MW-6	Compliance	E004	03/05/2024	Calcium, total	99.6	mg/L
MW-6	Compliance	E004	03/05/2024	Chloride, total	3 J	mg/L
MW-6	Compliance	E004	03/05/2024	Chromium, total	0.00280	mg/L
MW-6	Compliance	E004	03/05/2024	Cobalt, total	0.0003 J	mg/L
MW-6	Compliance	E004	03/05/2024	Dissolved Oxygen	7.09	mg/L
MW-6	Compliance	E004	03/05/2024	Fluoride, total	0.180	mg/L
MW-6	Compliance	E004	03/05/2024	Lead, total	0.0006 U	mg/L
MW-6	Compliance	E004	03/05/2024	Lithium, total	0.0015 U	mg/L
MW-6	Compliance	E004	03/05/2024	Mercury, total	0.00013 U	mg/L
MW-6	Compliance	E004	03/05/2024	Molybdenum, total	0.0006 U	mg/L
MW-6	Compliance	E004	03/05/2024	Oxidation Reduction Potential	119	mV
MW-6	Compliance	E004	03/05/2024	pH (field)	6.4	SU
MW-6	Compliance	E004	03/05/2024	Radium 226 + Radium 228, total	0.724	pCi/L
MW-6	Compliance	E004	03/05/2024	Selenium, total	0.0008 J	mg/L
MW-6	Compliance	E004	03/05/2024	Specific Conductance @ 25C (field)	652	micromhos/cm
MW-6	Compliance	E004	03/05/2024	Sulfate, total	144	mg/L
MW-6	Compliance	E004	03/05/2024	Temperature	12.1	degrees C
MW-6	Compliance	E004	03/05/2024	Thallium, total	0.001 U	mg/L
MW-6	Compliance	E004	03/05/2024	Total Dissolved Solids	486	mg/L
MW-6	Compliance	E004	03/05/2024	Turbidity, field	8.90	NTU
MW-7	Compliance	E004	03/05/2024	Antimony, total	0.0004 U	mg/L
MW-7	Compliance	E004	03/05/2024	Arsenic, total	0.00120	mg/L
MW-7	Compliance	E004	03/05/2024	Barium, total	0.0394	mg/L
MW-7	Compliance	E004	03/05/2024	Beryllium, total	0.0002 U	mg/L
MW-7	Compliance	E004	03/05/2024	Boron, total	0.269	mg/L
MW-7	Compliance	E004	03/05/2024	Cadmium, total	0.0002 U	mg/L
MW-7	Compliance	E004	03/05/2024	Calcium, total	140	mg/L
MW-7	Compliance	E004	03/05/2024	Chloride, total	2 J	mg/L

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KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-7	Compliance	E004	03/05/2024	Chromium, total	0.0014 J	mg/L
MW-7	Compliance	E004	03/05/2024	Cobalt, total	0.00100	mg/L
MW-7	Compliance	E004	03/05/2024	Dissolved Oxygen	0.940	mg/L
MW-7	Compliance	E004	03/05/2024	Fluoride, total	0.260	mg/L
MW-7	Compliance	E004	03/05/2024	Lead, total	0.0006 U	mg/L
MW-7	Compliance	E004	03/05/2024	Lithium, total	0.0025 J	mg/L
MW-7	Compliance	E004	03/05/2024	Mercury, total	0.00013 U	mg/L
MW-7	Compliance	E004	03/05/2024	Molybdenum, total	0.00190	mg/L
MW-7	Compliance	E004	03/05/2024	Oxidation Reduction Potential	27.0	mV
MW-7	Compliance	E004	03/05/2024	pH (field)	6.9	SU
MW-7	Compliance	E004	03/05/2024	Radium 226 + Radium 228, total	0.399	pCi/L
MW-7	Compliance	E004	03/05/2024	Selenium, total	0.0006 U	mg/L
MW-7	Compliance	E004	03/05/2024	Specific Conductance @ 25C (field)	803	micromhos/cm
MW-7	Compliance	E004	03/05/2024	Sulfate, total	235	mg/L
MW-7	Compliance	E004	03/05/2024	Temperature	10.8	degrees C
MW-7	Compliance	E004	03/05/2024	Thallium, total	0.001 U	mg/L
MW-7	Compliance	E004	03/05/2024	Total Dissolved Solids	620	mg/L
MW-7	Compliance	E004	03/05/2024	Turbidity, field	16.0	NTU
MW-7S	Compliance	E004	03/04/2024	Antimony, total	0.0004 U	mg/L
MW-7S	Compliance	E004	03/04/2024	Arsenic, total	0.00690	mg/L
MW-7S	Compliance	E004	03/04/2024	Barium, total	0.0390	mg/L
MW-7S	Compliance	E004	03/04/2024	Beryllium, total	0.0002 U	mg/L
MW-7S	Compliance	E004	03/04/2024	Boron, total	4.41	mg/L
MW-7S	Compliance	E004	03/04/2024	Cadmium, total	0.0002 U	mg/L
MW-7S	Compliance	E004	03/04/2024	Calcium, total	172	mg/L
MW-7S	Compliance	E004	03/04/2024	Chloride, total	10.0	mg/L
MW-7S	Compliance	E004	03/04/2024	Chromium, total	0.00250	mg/L
MW-7S	Compliance	E004	03/04/2024	Cobalt, total	0.0008 J	mg/L
MW-7S	Compliance	E004	03/04/2024	Dissolved Oxygen	0.900	mg/L
MW-7S	Compliance	E004	03/04/2024	Fluoride, total	0.290	mg/L
MW-7S	Compliance	E004	03/04/2024	Lead, total	0.0006 U	mg/L
MW-7S	Compliance	E004	03/04/2024	Lithium, total	0.0015 U	mg/L
MW-7S	Compliance	E004	03/04/2024	Mercury, total	0.00006 U	mg/L
MW-7S	Compliance	E004	03/04/2024	Molybdenum, total	0.0014 J	mg/L
MW-7S	Compliance	E004	03/04/2024	Oxidation Reduction Potential	0	mV
MW-7S	Compliance	E004	03/04/2024	pH (field)	6.8	SU
MW-7S	Compliance	E004	03/04/2024	Radium 226 + Radium 228, total	0.608	pCi/L
MW-7S	Compliance	E004	03/04/2024	Selenium, total	0.0006 U	mg/L
MW-7S	Compliance	E004	03/04/2024	Specific Conductance @ 25C (field)	1,500	micromhos/cm
MW-7S	Compliance	E004	03/04/2024	Sulfate, total	478	mg/L
MW-7S	Compliance	E004	03/04/2024	Temperature	17.9	degrees C
MW-7S	Compliance	E004	03/04/2024	Thallium, total	0.001 U	mg/L
MW-7S	Compliance	E004	03/04/2024	Total Dissolved Solids	1,150	mg/L
MW-7S	Compliance	E004	03/04/2024	Turbidity, field	1.00	NTU
MW-8	Compliance	E004	03/05/2024	Antimony, total	0.0004 U	mg/L
MW-8	Compliance	E004	03/05/2024	Arsenic, total	0.0004 U	mg/L

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845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-8	Compliance	E004	03/05/2024	Barium, total	0.0216	mg/L
MW-8	Compliance	E004	03/05/2024	Beryllium, total	0.0002 U	mg/L
MW-8	Compliance	E004	03/05/2024	Boron, total	0.994	mg/L
MW-8	Compliance	E004	03/05/2024	Cadmium, total	0.0002 U	mg/L
MW-8	Compliance	E004	03/05/2024	Calcium, total	163	mg/L
MW-8	Compliance	E004	03/05/2024	Chloride, total	23.0	mg/L
MW-8	Compliance	E004	03/05/2024	Chromium, total	0.0013 J	mg/L
MW-8	Compliance	E004	03/05/2024	Cobalt, total	0.00160	mg/L
MW-8	Compliance	E004	03/05/2024	Dissolved Oxygen	1.11	mg/L
MW-8	Compliance	E004	03/05/2024	Fluoride, total	0.210	mg/L
MW-8	Compliance	E004	03/05/2024	Lead, total	0.0006 U	mg/L
MW-8	Compliance	E004	03/05/2024	Lithium, total	0.0021 J	mg/L
MW-8	Compliance	E004	03/05/2024	Mercury, total	0.00013 U	mg/L
MW-8	Compliance	E004	03/05/2024	Molybdenum, total	0.0006 U	mg/L
MW-8	Compliance	E004	03/05/2024	Oxidation Reduction Potential	49.0	mV
MW-8	Compliance	E004	03/05/2024	pH (field)	6.7	SU
MW-8	Compliance	E004	03/05/2024	Radium 226 + Radium 228, total	0.255	pCi/L
MW-8	Compliance	E004	03/05/2024	Selenium, total	0.0006 U	mg/L
MW-8	Compliance	E004	03/05/2024	Specific Conductance @ 25C (field)	1,040	micromhos/cm
MW-8	Compliance	E004	03/05/2024	Sulfate, total	209	mg/L
MW-8	Compliance	E004	03/05/2024	Temperature	12.6	degrees C
MW-8	Compliance	E004	03/05/2024	Thallium, total	0.001 U	mg/L
MW-8	Compliance	E004	03/05/2024	Total Dissolved Solids	796	mg/L
MW-8	Compliance	E004	03/05/2024	Turbidity, field	5.90	NTU
MW-8S	Compliance	E004	--	Antimony, total	--	mg/L
MW-8S	Compliance	E004	--	Arsenic, total	--	mg/L
MW-8S	Compliance	E004	--	Barium, total	--	mg/L
MW-8S	Compliance	E004	--	Beryllium, total	--	mg/L
MW-8S	Compliance	E004	--	Boron, total	--	mg/L
MW-8S	Compliance	E004	--	Cadmium, total	--	mg/L
MW-8S	Compliance	E004	--	Calcium, total	--	mg/L
MW-8S	Compliance	E004	--	Chloride, total	--	mg/L
MW-8S	Compliance	E004	--	Chromium, total	--	mg/L
MW-8S	Compliance	E004	--	Cobalt, total	--	mg/L
MW-8S	Compliance	E004	--	Dissolved Oxygen	--	mg/L
MW-8S	Compliance	E004	--	Fluoride, total	--	mg/L
MW-8S	Compliance	E004	--	Lead, total	--	mg/L
MW-8S	Compliance	E004	--	Lithium, total	--	mg/L
MW-8S	Compliance	E004	--	Mercury, total	--	mg/L
MW-8S	Compliance	E004	--	Molybdenum, total	--	mg/L
MW-8S	Compliance	E004	--	Oxidation Reduction Potential	--	mV
MW-8S	Compliance	E004	--	pH (field)	--	SU
MW-8S	Compliance	E004	--	Radium 226 + Radium 228, total	--	pCi/L
MW-8S	Compliance	E004	--	Selenium, total	--	mg/L
MW-8S	Compliance	E004	--	Specific Conductance @ 25C (field)	--	micromhos/cm
MW-8S	Compliance	E004	--	Sulfate, total	--	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-8S	Compliance	E004	--	Temperature	--	degrees C
MW-8S	Compliance	E004	--	Thallium, total	--	mg/L
MW-8S	Compliance	E004	--	Total Dissolved Solids	--	mg/L
MW-8S	Compliance	E004	--	Turbidity, field	--	NTU
MW-11	Compliance	E004	03/05/2024	Antimony, total	0.0004 U	mg/L
MW-11	Compliance	E004	03/05/2024	Arsenic, total	0.0005 J	mg/L
MW-11	Compliance	E004	03/05/2024	Barium, total	0.114	mg/L
MW-11	Compliance	E004	03/05/2024	Beryllium, total	0.0002 U	mg/L
MW-11	Compliance	E004	03/05/2024	Boron, total	1.51	mg/L
MW-11	Compliance	E004	03/05/2024	Cadmium, total	0.0002 U	mg/L
MW-11	Compliance	E004	03/05/2024	Calcium, total	128	mg/L
MW-11	Compliance	E004	03/05/2024	Chloride, total	34.0	mg/L
MW-11	Compliance	E004	03/05/2024	Chromium, total	0.0012 J	mg/L
MW-11	Compliance	E004	03/05/2024	Cobalt, total	0.0003 J	mg/L
MW-11	Compliance	E004	03/05/2024	Dissolved Oxygen	1.85	mg/L
MW-11	Compliance	E004	03/05/2024	Fluoride, total	0.440	mg/L
MW-11	Compliance	E004	03/05/2024	Lead, total	0.0006 U	mg/L
MW-11	Compliance	E004	03/05/2024	Lithium, total	0.002 J	mg/L
MW-11	Compliance	E004	03/05/2024	Mercury, total	0.00013 U	mg/L
MW-11	Compliance	E004	03/05/2024	Molybdenum, total	0.00260	mg/L
MW-11	Compliance	E004	03/05/2024	Oxidation Reduction Potential	118	mV
MW-11	Compliance	E004	03/05/2024	pH (field)	6.6	SU
MW-11	Compliance	E004	03/05/2024	Radium 226 + Radium 228, total	0.56	pCi/L
MW-11	Compliance	E004	03/05/2024	Selenium, total	0.0006 U	mg/L
MW-11	Compliance	E004	03/05/2024	Specific Conductance @ 25C (field)	887	micromhos/cm
MW-11	Compliance	E004	03/05/2024	Sulfate, total	115	mg/L
MW-11	Compliance	E004	03/05/2024	Temperature	13.8	degrees C
MW-11	Compliance	E004	03/05/2024	Thallium, total	0.001 U	mg/L
MW-11	Compliance	E004	03/05/2024	Total Dissolved Solids	685	mg/L
MW-11	Compliance	E004	03/05/2024	Turbidity, field	9.30	NTU
MW-12	Compliance	E004	03/05/2024	Antimony, total	0.0004 U	mg/L
MW-12	Compliance	E004	03/05/2024	Arsenic, total	0.00190	mg/L
MW-12	Compliance	E004	03/05/2024	Barium, total	0.143	mg/L
MW-12	Compliance	E004	03/05/2024	Beryllium, total	0.0002 U	mg/L
MW-12	Compliance	E004	03/05/2024	Boron, total	2.59	mg/L
MW-12	Compliance	E004	03/05/2024	Cadmium, total	0.0002 U	mg/L
MW-12	Compliance	E004	03/05/2024	Calcium, total	217	mg/L
MW-12	Compliance	E004	03/05/2024	Chloride, total	31.0	mg/L
MW-12	Compliance	E004	03/05/2024	Chromium, total	0.00210	mg/L
MW-12	Compliance	E004	03/05/2024	Cobalt, total	0.0003 J	mg/L
MW-12	Compliance	E004	03/05/2024	Dissolved Oxygen	0.660	mg/L
MW-12	Compliance	E004	03/05/2024	Fluoride, total	0.220	mg/L
MW-12	Compliance	E004	03/05/2024	Lead, total	0.00110	mg/L
MW-12	Compliance	E004	03/05/2024	Lithium, total	0.0103	mg/L
MW-12	Compliance	E004	03/05/2024	Mercury, total	0.00013 U	mg/L
MW-12	Compliance	E004	03/05/2024	Molybdenum, total	0.00160	mg/L

TABLE 1.
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ASH POND
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-12	Compliance	E004	03/05/2024	Oxidation Reduction Potential	0	mV
MW-12	Compliance	E004	03/05/2024	pH (field)	6.7	SU
MW-12	Compliance	E004	03/05/2024	Radium 226 + Radium 228, total	0.742	pCi/L
MW-12	Compliance	E004	03/05/2024	Selenium, total	0.0006 U	mg/L
MW-12	Compliance	E004	03/05/2024	Specific Conductance @ 25C (field)	1,300	micromhos/cm
MW-12	Compliance	E004	03/05/2024	Sulfate, total	346	mg/L
MW-12	Compliance	E004	03/05/2024	Temperature	11.4	degrees C
MW-12	Compliance	E004	03/05/2024	Thallium, total	0.001 U	mg/L
MW-12	Compliance	E004	03/05/2024	Total Dissolved Solids	995	mg/L
MW-12	Compliance	E004	03/05/2024	Turbidity, field	200	NTU
MW-20	Compliance	E004	03/05/2024	Antimony, total	0.0004 U	mg/L
MW-20	Compliance	E004	03/05/2024	Arsenic, total	0.0006 J	mg/L
MW-20	Compliance	E004	03/05/2024	Barium, total	0.0922	mg/L
MW-20	Compliance	E004	03/05/2024	Beryllium, total	0.0002 U	mg/L
MW-20	Compliance	E004	03/05/2024	Boron, total	0.603	mg/L
MW-20	Compliance	E004	03/05/2024	Cadmium, total	0.0002 U	mg/L
MW-20	Compliance	E004	03/05/2024	Calcium, total	142	mg/L
MW-20	Compliance	E004	03/05/2024	Chloride, total	21.0	mg/L
MW-20	Compliance	E004	03/05/2024	Chromium, total	0.00150 J	mg/L
MW-20	Compliance	E004	03/05/2024	Cobalt, total	0.0004 J	mg/L
MW-20	Compliance	E004	03/05/2024	Dissolved Oxygen	2.36	mg/L
MW-20	Compliance	E004	03/05/2024	Fluoride, total	0.330	mg/L
MW-20	Compliance	E004	03/05/2024	Lead, total	0.0006 U	mg/L
MW-20	Compliance	E004	03/05/2024	Lithium, total	0.00450	mg/L
MW-20	Compliance	E004	03/05/2024	Mercury, total	0.00013 U	mg/L
MW-20	Compliance	E004	03/05/2024	Molybdenum, total	0.00320	mg/L
MW-20	Compliance	E004	03/05/2024	Oxidation Reduction Potential	108	mV
MW-20	Compliance	E004	03/05/2024	pH (field)	6.9	SU
MW-20	Compliance	E004	03/05/2024	Radium 226 + Radium 228, total	0.354	pCi/L
MW-20	Compliance	E004	03/05/2024	Selenium, total	0.0006 U	mg/L
MW-20	Compliance	E004	03/05/2024	Specific Conductance @ 25C (field)	913	micromhos/cm
MW-20	Compliance	E004	03/05/2024	Sulfate, total	166	mg/L
MW-20	Compliance	E004	03/05/2024	Temperature	12.1	degrees C
MW-20	Compliance	E004	03/05/2024	Thallium, total	0.001 U	mg/L
MW-20	Compliance	E004	03/05/2024	Total Dissolved Solids	674	mg/L
MW-20	Compliance	E004	03/05/2024	Turbidity, field	27.0	NTU
MW-20S	Compliance	E004	03/04/2024	Antimony, total	0.0004 U	mg/L
MW-20S	Compliance	E004	03/04/2024	Arsenic, total	0.0004 U	mg/L
MW-20S	Compliance	E004	03/04/2024	Barium, total	0.0328	mg/L
MW-20S	Compliance	E004	03/04/2024	Beryllium, total	0.0002 U	mg/L
MW-20S	Compliance	E004	03/04/2024	Boron, total	1.70	mg/L
MW-20S	Compliance	E004	03/04/2024	Cadmium, total	0.0002 U	mg/L
MW-20S	Compliance	E004	03/04/2024	Calcium, total	181	mg/L
MW-20S	Compliance	E004	03/04/2024	Chloride, total	22.0	mg/L
MW-20S	Compliance	E004	03/04/2024	Chromium, total	0.0014 J	mg/L
MW-20S	Compliance	E004	03/04/2024	Cobalt, total	0.0004 J	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 2024
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-20S	Compliance	E004	03/04/2024	Dissolved Oxygen	3.29	mg/L
MW-20S	Compliance	E004	03/04/2024	Fluoride, total	0.160	mg/L
MW-20S	Compliance	E004	03/04/2024	Lead, total	0.0006 U	mg/L
MW-20S	Compliance	E004	03/04/2024	Lithium, total	0.0015 U	mg/L
MW-20S	Compliance	E004	03/04/2024	Mercury, total	0.00006 U	mg/L
MW-20S	Compliance	E004	03/04/2024	Molybdenum, total	0.0006 U	mg/L
MW-20S	Compliance	E004	03/04/2024	Oxidation Reduction Potential	118	mV
MW-20S	Compliance	E004	03/04/2024	pH (field)	6.7	SU
MW-20S	Compliance	E004	03/04/2024	Radium 226 + Radium 228, total	0.505	pCi/L
MW-20S	Compliance	E004	03/04/2024	Selenium, total	0.0006 U	mg/L
MW-20S	Compliance	E004	03/04/2024	Specific Conductance @ 25C (field)	1,340	micromhos/cm
MW-20S	Compliance	E004	03/04/2024	Sulfate, total	351	mg/L
MW-20S	Compliance	E004	03/04/2024	Temperature	20.4	degrees C
MW-20S	Compliance	E004	03/04/2024	Thallium, total	0.0012 U	mg/L
MW-20S	Compliance	E004	03/04/2024	Total Dissolved Solids	990	mg/L
MW-20S	Compliance	E004	03/04/2024	Turbidity, field	4.80	NTU
MW-23	Compliance	E004	03/05/2024	Antimony, total	0.0004 U	mg/L
MW-23	Compliance	E004	03/05/2024	Arsenic, total	0.00120	mg/L
MW-23	Compliance	E004	03/05/2024	Barium, total	0.0928	mg/L
MW-23	Compliance	E004	03/05/2024	Beryllium, total	0.0002 U	mg/L
MW-23	Compliance	E004	03/05/2024	Boron, total	2.15	mg/L
MW-23	Compliance	E004	03/05/2024	Cadmium, total	0.0002 U	mg/L
MW-23	Compliance	E004	03/05/2024	Calcium, total	120	mg/L
MW-23	Compliance	E004	03/05/2024	Chloride, total	27.0	mg/L
MW-23	Compliance	E004	03/05/2024	Chromium, total	0.0013 J	mg/L
MW-23	Compliance	E004	03/05/2024	Cobalt, total	0.0006 J	mg/L
MW-23	Compliance	E004	03/05/2024	Dissolved Oxygen	2.44	mg/L
MW-23	Compliance	E004	03/05/2024	Fluoride, total	0.340	mg/L
MW-23	Compliance	E004	03/05/2024	Lead, total	0.0006 U	mg/L
MW-23	Compliance	E004	03/05/2024	Lithium, total	0.0015 U	mg/L
MW-23	Compliance	E004	03/05/2024	Mercury, total	0.00013 U	mg/L
MW-23	Compliance	E004	03/05/2024	Molybdenum, total	0.0013 J	mg/L
MW-23	Compliance	E004	03/05/2024	Oxidation Reduction Potential	115	mV
MW-23	Compliance	E004	03/05/2024	pH (field)	6.7	SU
MW-23	Compliance	E004	03/05/2024	Radium 226 + Radium 228, total	0.69	pCi/L
MW-23	Compliance	E004	03/05/2024	Selenium, total	0.0006 U	mg/L
MW-23	Compliance	E004	03/05/2024	Specific Conductance @ 25C (field)	875	micromhos/cm
MW-23	Compliance	E004	03/05/2024	Sulfate, total	48.0	mg/L
MW-23	Compliance	E004	03/05/2024	Temperature	13.6	degrees C
MW-23	Compliance	E004	03/05/2024	Thallium, total	0.001 U	mg/L
MW-23	Compliance	E004	03/05/2024	Total Dissolved Solids	586	mg/L
MW-23	Compliance	E004	03/05/2024	Turbidity, field	6.10	NTU
MW-27	Compliance	E004	03/05/2024	Antimony, total	0.00130	mg/L
MW-27	Compliance	E004	03/05/2024	Arsenic, total	0.0114	mg/L
MW-27	Compliance	E004	03/05/2024	Barium, total	0.201	mg/L
MW-27	Compliance	E004	03/05/2024	Beryllium, total	0.0005 J	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 2024
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-27	Compliance	E004	03/05/2024	Boron, total	1.04	mg/L
MW-27	Compliance	E004	03/05/2024	Cadmium, total	0.0002 J	mg/L
MW-27	Compliance	E004	03/05/2024	Calcium, total	188	mg/L
MW-27	Compliance	E004	03/05/2024	Chloride, total	17.0	mg/L
MW-27	Compliance	E004	03/05/2024	Chromium, total	0.0246	mg/L
MW-27	Compliance	E004	03/05/2024	Cobalt, total	0.0103	mg/L
MW-27	Compliance	E004	03/05/2024	Dissolved Oxygen	6.27	mg/L
MW-27	Compliance	E004	03/05/2024	Fluoride, total	0.170	mg/L
MW-27	Compliance	E004	03/05/2024	Lead, total	0.0116	mg/L
MW-27	Compliance	E004	03/05/2024	Lithium, total	0.0108	mg/L
MW-27	Compliance	E004	03/05/2024	Mercury, total	0.00013 U	mg/L
MW-27	Compliance	E004	03/05/2024	Molybdenum, total	0.0101	mg/L
MW-27	Compliance	E004	03/05/2024	Oxidation Reduction Potential	60.0	mV
MW-27	Compliance	E004	03/05/2024	pH (field)	6.8	SU
MW-27	Compliance	E004	03/05/2024	Radium 226 + Radium 228, total	1.23	pCi/L
MW-27	Compliance	E004	03/05/2024	Selenium, total	0.0006 U	mg/L
MW-27	Compliance	E004	03/05/2024	Specific Conductance @ 25C (field)	1,450	micromhos/cm
MW-27	Compliance	E004	03/05/2024	Sulfate, total	311	mg/L
MW-27	Compliance	E004	03/05/2024	Temperature	13.1	degrees C
MW-27	Compliance	E004	03/05/2024	Thallium, total	0.001 J	mg/L
MW-27	Compliance	E004	03/05/2024	Total Dissolved Solids	885	mg/L
MW-27	Compliance	E004	03/05/2024	Turbidity, field	45.0	NTU
MW-28	Compliance	E004	03/06/2024	Antimony, total	0.0004 U	mg/L
MW-28	Compliance	E004	03/06/2024	Arsenic, total	0.0006 J	mg/L
MW-28	Compliance	E004	03/06/2024	Barium, total	0.0257	mg/L
MW-28	Compliance	E004	03/06/2024	Beryllium, total	0.0002 U	mg/L
MW-28	Compliance	E004	03/06/2024	Boron, total	10.4	mg/L
MW-28	Compliance	E004	03/06/2024	Cadmium, total	0.0002 U	mg/L
MW-28	Compliance	E004	03/06/2024	Calcium, total	257	mg/L
MW-28	Compliance	E004	03/06/2024	Chloride, total	12.0	mg/L
MW-28	Compliance	E004	03/06/2024	Chromium, total	0.0009 J	mg/L
MW-28	Compliance	E004	03/06/2024	Cobalt, total	0.0009 J	mg/L
MW-28	Compliance	E004	03/06/2024	Dissolved Oxygen	0.450	mg/L
MW-28	Compliance	E004	03/06/2024	Fluoride, total	0.320	mg/L
MW-28	Compliance	E004	03/06/2024	Lead, total	0.0006 U	mg/L
MW-28	Compliance	E004	03/06/2024	Lithium, total	0.00750	mg/L
MW-28	Compliance	E004	03/06/2024	Mercury, total	0.00006 U	mg/L
MW-28	Compliance	E004	03/06/2024	Molybdenum, total	0.0006 U	mg/L
MW-28	Compliance	E004	03/06/2024	Oxidation Reduction Potential	-8.00	mV
MW-28	Compliance	E004	03/06/2024	pH (field)	6.7	SU
MW-28	Compliance	E004	03/06/2024	Radium 226 + Radium 228, total	0.789	pCi/L
MW-28	Compliance	E004	03/06/2024	Selenium, total	0.0006 U	mg/L
MW-28	Compliance	E004	03/06/2024	Specific Conductance @ 25C (field)	1,750	micromhos/cm
MW-28	Compliance	E004	03/06/2024	Sulfate, total	771	mg/L
MW-28	Compliance	E004	03/06/2024	Temperature	12.4	degrees C
MW-28	Compliance	E004	03/06/2024	Thallium, total	0.001 U	mg/L

TABLE 1.
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-28	Compliance	E004	03/06/2024	Total Dissolved Solids	1,600	mg/L
MW-28	Compliance	E004	03/06/2024	Turbidity, field	7.40	NTU
MW-30	Compliance	E004	03/06/2024	Antimony, total	0.0004 U	mg/L
MW-30	Compliance	E004	03/06/2024	Arsenic, total	0.00660	mg/L
MW-30	Compliance	E004	03/06/2024	Barium, total	0.152	mg/L
MW-30	Compliance	E004	03/06/2024	Beryllium, total	0.0002 U	mg/L
MW-30	Compliance	E004	03/06/2024	Boron, total	1.68	mg/L
MW-30	Compliance	E004	03/06/2024	Cadmium, total	0.0002 U	mg/L
MW-30	Compliance	E004	03/06/2024	Calcium, total	111	mg/L
MW-30	Compliance	E004	03/06/2024	Chloride, total	42.0	mg/L
MW-30	Compliance	E004	03/06/2024	Chromium, total	0.001 J	mg/L
MW-30	Compliance	E004	03/06/2024	Cobalt, total	0.00400	mg/L
MW-30	Compliance	E004	03/06/2024	Dissolved Oxygen	1.65	mg/L
MW-30	Compliance	E004	03/06/2024	Fluoride, total	0.560	mg/L
MW-30	Compliance	E004	03/06/2024	Lead, total	0.0006 U	mg/L
MW-30	Compliance	E004	03/06/2024	Lithium, total	0.0015 U	mg/L
MW-30	Compliance	E004	03/06/2024	Mercury, total	0.00006 U	mg/L
MW-30	Compliance	E004	03/06/2024	Molybdenum, total	0.00220	mg/L
MW-30	Compliance	E004	03/06/2024	Oxidation Reduction Potential	2.00	mV
MW-30	Compliance	E004	03/06/2024	pH (field)	6.7	SU
MW-30	Compliance	E004	03/06/2024	Radium 226 + Radium 228, total	1.52	pCi/L
MW-30	Compliance	E004	03/06/2024	Selenium, total	0.0006 U	mg/L
MW-30	Compliance	E004	03/06/2024	Specific Conductance @ 25C (field)	951	micromhos/cm
MW-30	Compliance	E004	03/06/2024	Sulfate, total	9 J-	mg/L
MW-30	Compliance	E004	03/06/2024	Temperature	13.2	degrees C
MW-30	Compliance	E004	03/06/2024	Thallium, total	0.001 U	mg/L
MW-30	Compliance	E004	03/06/2024	Total Dissolved Solids	615	mg/L
MW-30	Compliance	E004	03/06/2024	Turbidity, field	9.30	NTU
MW-31	Compliance	E004	03/06/2024	Antimony, total	0.0004 U	mg/L
MW-31	Compliance	E004	03/06/2024	Arsenic, total	0.00320	mg/L
MW-31	Compliance	E004	03/06/2024	Barium, total	0.187	mg/L
MW-31	Compliance	E004	03/06/2024	Beryllium, total	0.0002 U	mg/L
MW-31	Compliance	E004	03/06/2024	Boron, total	0.376	mg/L
MW-31	Compliance	E004	03/06/2024	Cadmium, total	0.0002 U	mg/L
MW-31	Compliance	E004	03/06/2024	Calcium, total	129	mg/L
MW-31	Compliance	E004	03/06/2024	Chloride, total	52.0	mg/L
MW-31	Compliance	E004	03/06/2024	Chromium, total	0.0008 U	mg/L
MW-31	Compliance	E004	03/06/2024	Cobalt, total	0.00120	mg/L
MW-31	Compliance	E004	03/06/2024	Dissolved Oxygen	1.63	mg/L
MW-31	Compliance	E004	03/06/2024	Fluoride, total	0.390	mg/L
MW-31	Compliance	E004	03/06/2024	Lead, total	0.0006 U	mg/L
MW-31	Compliance	E004	03/06/2024	Lithium, total	0.00660	mg/L
MW-31	Compliance	E004	03/06/2024	Mercury, total	0.00006 U	mg/L
MW-31	Compliance	E004	03/06/2024	Molybdenum, total	0.0007 J	mg/L
MW-31	Compliance	E004	03/06/2024	Oxidation Reduction Potential	-7.00	mV
MW-31	Compliance	E004	03/06/2024	pH (field)	6.8	SU

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-31	Compliance	E004	03/06/2024	Radium 226 + Radium 228, total	1.44	pCi/L
MW-31	Compliance	E004	03/06/2024	Selenium, total	0.0006 U	mg/L
MW-31	Compliance	E004	03/06/2024	Specific Conductance @ 25C (field)	957	micromhos/cm
MW-31	Compliance	E004	03/06/2024	Sulfate, total	8 J	mg/L
MW-31	Compliance	E004	03/06/2024	Temperature	13.1	degrees C
MW-31	Compliance	E004	03/06/2024	Thallium, total	0.001 U	mg/L
MW-31	Compliance	E004	03/06/2024	Total Dissolved Solids	680	mg/L
MW-31	Compliance	E004	03/06/2024	Turbidity, field	7.30	NTU
MW-31S	Compliance	E004	03/04/2024	Antimony, total	0.0004 U	mg/L
MW-31S	Compliance	E004	03/04/2024	Arsenic, total	0.0113	mg/L
MW-31S	Compliance	E004	03/04/2024	Barium, total	0.234	mg/L
MW-31S	Compliance	E004	03/04/2024	Beryllium, total	0.0002 U	mg/L
MW-31S	Compliance	E004	03/04/2024	Boron, total	0.03 U	mg/L
MW-31S	Compliance	E004	03/04/2024	Cadmium, total	0.0002 U	mg/L
MW-31S	Compliance	E004	03/04/2024	Calcium, total	149	mg/L
MW-31S	Compliance	E004	03/04/2024	Chloride, total	15.0	mg/L
MW-31S	Compliance	E004	03/04/2024	Chromium, total	0.0012 J	mg/L
MW-31S	Compliance	E004	03/04/2024	Cobalt, total	0.00480	mg/L
MW-31S	Compliance	E004	03/04/2024	Dissolved Oxygen	2.23	mg/L
MW-31S	Compliance	E004	03/04/2024	Fluoride, total	0.290	mg/L
MW-31S	Compliance	E004	03/04/2024	Lead, total	0.0008 J	mg/L
MW-31S	Compliance	E004	03/04/2024	Lithium, total	0.0015 U	mg/L
MW-31S	Compliance	E004	03/04/2024	Mercury, total	0.00013 U	mg/L
MW-31S	Compliance	E004	03/04/2024	Molybdenum, total	0.0007 J	mg/L
MW-31S	Compliance	E004	03/04/2024	Oxidation Reduction Potential	-27.0	mV
MW-31S	Compliance	E004	03/04/2024	pH (field)	6.7	SU
MW-31S	Compliance	E004	03/04/2024	Radium 226 + Radium 228, total	1.28	pCi/L
MW-31S	Compliance	E004	03/04/2024	Selenium, total	0.0007 J	mg/L
MW-31S	Compliance	E004	03/04/2024	Specific Conductance @ 25C (field)	1,260	micromhos/cm
MW-31S	Compliance	E004	03/04/2024	Sulfate, total	14 J	mg/L
MW-31S	Compliance	E004	03/04/2024	Temperature	20.6	degrees C
MW-31S	Compliance	E004	03/04/2024	Thallium, total	0.001 U	mg/L
MW-31S	Compliance	E004	03/04/2024	Total Dissolved Solids	730	mg/L
MW-31S	Compliance	E004	03/04/2024	Turbidity, field	17.0	NTU
MW-32	Compliance	E004	03/06/2024	Antimony, total	0.0004 U	mg/L
MW-32	Compliance	E004	03/06/2024	Arsenic, total	0.0007 J	mg/L
MW-32	Compliance	E004	03/06/2024	Barium, total	0.0462	mg/L
MW-32	Compliance	E004	03/06/2024	Beryllium, total	0.0002 U	mg/L
MW-32	Compliance	E004	03/06/2024	Boron, total	2.33	mg/L
MW-32	Compliance	E004	03/06/2024	Cadmium, total	0.0002 U	mg/L
MW-32	Compliance	E004	03/06/2024	Calcium, total	166	mg/L
MW-32	Compliance	E004	03/06/2024	Chloride, total	11.0	mg/L
MW-32	Compliance	E004	03/06/2024	Chromium, total	0.0009 J	mg/L
MW-32	Compliance	E004	03/06/2024	Cobalt, total	0.0008 J	mg/L
MW-32	Compliance	E004	03/06/2024	Dissolved Oxygen	1.96	mg/L
MW-32	Compliance	E004	03/06/2024	Fluoride, total	0.400	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-32	Compliance	E004	03/06/2024	Lead, total	0.0006 U	mg/L
MW-32	Compliance	E004	03/06/2024	Lithium, total	0.0019 J	mg/L
MW-32	Compliance	E004	03/06/2024	Mercury, total	0.00006 U	mg/L
MW-32	Compliance	E004	03/06/2024	Molybdenum, total	0.0006 U	mg/L
MW-32	Compliance	E004	03/06/2024	Oxidation Reduction Potential	36.0	mV
MW-32	Compliance	E004	03/06/2024	pH (field)	6.6	SU
MW-32	Compliance	E004	03/06/2024	Radium 226 + Radium 228, total	1.42	pCi/L
MW-32	Compliance	E004	03/06/2024	Selenium, total	0.0006 U	mg/L
MW-32	Compliance	E004	03/06/2024	Specific Conductance @ 25C (field)	1,270	micromhos/cm
MW-32	Compliance	E004	03/06/2024	Sulfate, total	358	mg/L
MW-32	Compliance	E004	03/06/2024	Temperature	13.1	degrees C
MW-32	Compliance	E004	03/06/2024	Thallium, total	0.001 U	mg/L
MW-32	Compliance	E004	03/06/2024	Total Dissolved Solids	1,020	mg/L
MW-32	Compliance	E004	03/06/2024	Turbidity, field	8.90	NTU
PZ-4C	Compliance	E004	03/06/2024	Antimony, total	0.00270	mg/L
PZ-4C	Compliance	E004	03/06/2024	Arsenic, total	0.00180	mg/L
PZ-4C	Compliance	E004	03/06/2024	Barium, total	0.247	mg/L
PZ-4C	Compliance	E004	03/06/2024	Beryllium, total	0.0002 U	mg/L
PZ-4C	Compliance	E004	03/06/2024	Boron, total	1.48	mg/L
PZ-4C	Compliance	E004	03/06/2024	Cadmium, total	0.0002 U	mg/L
PZ-4C	Compliance	E004	03/06/2024	Calcium, total	113	mg/L
PZ-4C	Compliance	E004	03/06/2024	Chloride, total	34.0	mg/L
PZ-4C	Compliance	E004	03/06/2024	Chromium, total	0.00150 J	mg/L
PZ-4C	Compliance	E004	03/06/2024	Cobalt, total	0.0002 J	mg/L
PZ-4C	Compliance	E004	03/06/2024	Dissolved Oxygen	1.48	mg/L
PZ-4C	Compliance	E004	03/06/2024	Fluoride, total	0.340	mg/L
PZ-4C	Compliance	E004	03/06/2024	Lead, total	0.0006 J	mg/L
PZ-4C	Compliance	E004	03/06/2024	Lithium, total	0.00990	mg/L
PZ-4C	Compliance	E004	03/06/2024	Mercury, total	0.00006 U	mg/L
PZ-4C	Compliance	E004	03/06/2024	Molybdenum, total	0.00170	mg/L
PZ-4C	Compliance	E004	03/06/2024	Oxidation Reduction Potential	-12.0	mV
PZ-4C	Compliance	E004	03/06/2024	pH (field)	6.9	SU
PZ-4C	Compliance	E004	03/06/2024	Radium 226 + Radium 228, total	1.79	pCi/L
PZ-4C	Compliance	E004	03/06/2024	Selenium, total	0.0006 U	mg/L
PZ-4C	Compliance	E004	03/06/2024	Specific Conductance @ 25C (field)	829	micromhos/cm
PZ-4C	Compliance	E004	03/06/2024	Sulfate, total	77.0	mg/L
PZ-4C	Compliance	E004	03/06/2024	Temperature	11.4	degrees C
PZ-4C	Compliance	E004	03/06/2024	Thallium, total	0.001 U	mg/L
PZ-4C	Compliance	E004	03/06/2024	Total Dissolved Solids	630	mg/L
PZ-4C	Compliance	E004	03/06/2024	Turbidity, field	6.80	NTU

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

Notes:
– = no data available
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 low.
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 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-3	UA	E004	Antimony, total	mg/L	12/15/15 - 03/04/24	27	97	CI around median	0.001	0.006	Standard	No Exceedance
MW-3	UA	E004	Arsenic, total	mg/L	12/15/15 - 03/04/24	27	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-3	UA	E004	Barium, total	mg/L	12/15/15 - 03/04/24	27	0	CI around median	0.0461	2.0	Standard	No Exceedance
MW-3	UA	E004	Beryllium, total	mg/L	12/15/15 - 03/04/24	27	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-3	UA	E004	Boron, total	mg/L	12/15/15 - 03/04/24	27	0	CI around median	1.57	2	Standard	No Exceedance
MW-3	UA	E004	Cadmium, total	mg/L	12/15/15 - 03/04/24	27	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-3	UA	E004	Chloride, total	mg/L	12/15/15 - 03/04/24	27	0	CB around linear reg	27.3	200	Standard	No Exceedance
MW-3	UA	E004	Chromium, total	mg/L	12/15/15 - 03/04/24	27	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-3	UA	E004	Cobalt, total	mg/L	12/15/15 - 03/04/24	27	88	CI around median	0.001	0.006	Standard	No Exceedance
MW-3	UA	E004	Fluoride, total	mg/L	12/15/15 - 03/04/24	27	0	CI around mean	0.242	4.0	Standard	No Exceedance
MW-3	UA	E004	Lead, total	mg/L	12/15/15 - 03/04/24	27	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-3	UA	E004	Lithium, total	mg/L	02/25/21 - 03/04/24	13	92	CI around median	0.003	0.04	Standard	No Exceedance
MW-3	UA	E004	Mercury, total	mg/L	12/15/15 - 03/04/24	27	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-3	UA	E004	Molybdenum, total	mg/L	02/25/21 - 03/04/24	13	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-3	UA	E004	pH (field)	SU	12/15/15 - 03/04/24	27	0	CB around linear reg	6.4/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-3	UA	E004	Radium 226 + Radium 228, total	pCi/L	11/06/17 - 03/04/24	23	0	CI around median	0.271	5	Standard	No Exceedance
MW-3	UA	E004	Selenium, total	mg/L	12/15/15 - 03/04/24	27	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-3	UA	E004	Sulfate, total	mg/L	12/15/15 - 03/04/24	27	0	CB around linear reg	113	400	Standard	No Exceedance
MW-3	UA	E004	Thallium, total	mg/L	12/15/15 - 03/04/24	27	97	CB around T-S line	0.002	0.002	Standard	No Exceedance
MW-3	UA	E004	Total Dissolved Solids	mg/L	12/15/15 - 03/04/24	27	0	CB around linear reg	539	1,200	Standard	No Exceedance
MW-5	UA	E004	Antimony, total	mg/L	12/15/15 - 03/04/24	29	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-5	UA	E004	Arsenic, total	mg/L	12/15/15 - 03/04/24	31	86	CB around T-S line	0.001	0.010	Standard	No Exceedance
MW-5	UA	E004	Barium, total	mg/L	12/15/15 - 03/04/24	31	0	CB around linear reg	0.145	2.0	Standard	No Exceedance
MW-5	UA	E004	Beryllium, total	mg/L	12/15/15 - 03/04/24	29	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-5	UA	E004	Boron, total	mg/L	12/15/15 - 03/04/24	31	0	CI around mean	0.528	2	Standard	No Exceedance
MW-5	UA	E004	Cadmium, total	mg/L	12/15/15 - 03/04/24	28	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-5	UA	E004	Chloride, total	mg/L	12/15/15 - 03/04/24	31	0	CB around linear reg	45.1	200	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-5	UA	E004	Chromium, total	mg/L	12/15/15 - 03/04/24	31	94	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-5	UA	E004	Cobalt, total	mg/L	12/15/15 - 03/04/24	31	89	CI around median	0.001	0.006	Standard	No Exceedance
MW-5	UA	E004	Fluoride, total	mg/L	12/15/15 - 03/04/24	31	3	CI around median	0.16	4.0	Standard	No Exceedance
MW-5	UA	E004	Lead, total	mg/L	12/15/15 - 03/04/24	31	94	CI around median	0.001	0.0075	Standard	No Exceedance
MW-5	UA	E004	Lithium, total	mg/L	12/15/15 - 03/04/24	23	35	CB around T-S line	0.00299	0.04	Standard	No Exceedance
MW-5	UA	E004	Mercury, total	mg/L	12/15/15 - 03/04/24	28	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-5	UA	E004	Molybdenum, total	mg/L	12/15/15 - 03/04/24	23	96	CB around T-S line	0.00146	0.1	Standard	No Exceedance
MW-5	UA	E004	pH (field)	SU	12/15/15 - 03/04/24	31	0	CB around linear reg	6.4/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-5	UA	E004	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 03/04/24	32	0	CI around median	0.3	5	Standard	No Exceedance
MW-5	UA	E004	Selenium, total	mg/L	12/15/15 - 03/04/24	31	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-5	UA	E004	Sulfate, total	mg/L	12/15/15 - 03/04/24	31	33	CI around median	10	400	Standard	No Exceedance
MW-5	UA	E004	Thallium, total	mg/L	12/15/15 - 03/04/24	28	97	CB around T-S line	0.00187	0.002	Standard	No Exceedance
MW-5	UA	E004	Total Dissolved Solids	mg/L	12/15/15 - 03/04/24	31	0	CB around linear reg	698	1,200	Standard	No Exceedance
MW-6	UA	E004	Antimony, total	mg/L	12/15/15 - 03/05/24	29	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-6	UA	E004	Arsenic, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-6	UA	E004	Barium, total	mg/L	12/15/15 - 03/05/24	31	0	CB around T-S line	0.0372	2.0	Standard	No Exceedance
MW-6	UA	E004	Beryllium, total	mg/L	12/15/15 - 03/05/24	29	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-6	UA	E004	Boron, total	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	0.97	2	Standard	No Exceedance
MW-6	UA	E004	Cadmium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-6	UA	E004	Chloride, total	mg/L	12/15/15 - 03/05/24	31	53	CB around T-S line	2.15	200	Standard	No Exceedance
MW-6	UA	E004	Chromium, total	mg/L	12/15/15 - 03/05/24	31	86	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-6	UA	E004	Cobalt, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-6	UA	E004	Fluoride, total	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	0.186	4.0	Standard	No Exceedance
MW-6	UA	E004	Lead, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-6	UA	E004	Lithium, total	mg/L	12/15/15 - 03/05/24	23	87	CB around T-S line	0.00274	0.04	Standard	No Exceedance
MW-6	UA	E004	Mercury, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-6	UA	E004	Molybdenum, total	mg/L	12/15/15 - 03/05/24	23	100	All ND - Last	0.0015	0.1	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-6	UA	E004	pH (field)	SU	12/15/15 - 03/05/24	31	0	CB around linear reg	6.3/6.6	5.6/9.0	Background/Standard	No Exceedance
MW-6	UA	E004	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 03/05/24	32	0	CI around median	0.37	5	Standard	No Exceedance
MW-6	UA	E004	Selenium, total	mg/L	12/15/15 - 03/05/24	31	94	CI around median	0.001	0.05	Standard	No Exceedance
MW-6	UA	E004	Sulfate, total	mg/L	12/15/15 - 03/05/24	31	0	CI around geomean	138	400	Standard	No Exceedance
MW-6	UA	E004	Thallium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-6	UA	E004	Total Dissolved Solids	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	492	1,200	Standard	No Exceedance
MW-7	UA	E004	Antimony, total	mg/L	12/15/15 - 03/05/24	29	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-7	UA	E004	Arsenic, total	mg/L	12/15/15 - 03/05/24	31	72	CI around median	0.001	0.010	Standard	No Exceedance
MW-7	UA	E004	Barium, total	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	0.0313	2.0	Standard	No Exceedance
MW-7	UA	E004	Beryllium, total	mg/L	12/15/15 - 03/05/24	29	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-7	UA	E004	Boron, total	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	0.223	2	Standard	No Exceedance
MW-7	UA	E004	Cadmium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-7	UA	E004	Chloride, total	mg/L	12/15/15 - 03/05/24	31	75	CB around T-S line	2.44	200	Standard	No Exceedance
MW-7	UA	E004	Chromium, total	mg/L	12/15/15 - 03/05/24	31	94	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-7	UA	E004	Cobalt, total	mg/L	12/15/15 - 03/05/24	31	83	CI around median	0.001	0.006	Standard	No Exceedance
MW-7	UA	E004	Fluoride, total	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	0.254	4.0	Standard	No Exceedance
MW-7	UA	E004	Lead, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-7	UA	E004	Lithium, total	mg/L	12/15/15 - 03/05/24	23	39	CI around median	0.003	0.04	Standard	No Exceedance
MW-7	UA	E004	Mercury, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-7	UA	E004	Molybdenum, total	mg/L	12/15/15 - 03/05/24	23	4	CI around mean	0.00255	0.1	Standard	No Exceedance
MW-7	UA	E004	pH (field)	SU	12/15/15 - 03/05/24	31	0	CB around linear reg	6.7/7.0	5.6/9.0	Background/Standard	No Exceedance
MW-7	UA	E004	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 03/05/24	32	0	CI around geomean	0.461	5	Standard	No Exceedance
MW-7	UA	E004	Selenium, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-7	UA	E004	Sulfate, total	mg/L	12/15/15 - 03/05/24	31	0	CI around geomean	176	400	Standard	No Exceedance
MW-7	UA	E004	Thallium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-7	UA	E004	Total Dissolved Solids	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	571	1,200	Standard	No Exceedance
MW-7S	USCU	E004	Antimony, total	mg/L	02/24/21 - 03/04/24	11	91	CI around median	0.001	0.006	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-7S	USCU	E004	Arsenic, total	mg/L	02/24/21 - 03/04/24	11	0	CI around geomean	0.00482	0.010	Standard	No Exceedance
MW-7S	USCU	E004	Barium, total	mg/L	02/24/21 - 03/04/24	11	0	CI around median	0.039	2.0	Standard	No Exceedance
MW-7S	USCU	E004	Beryllium, total	mg/L	02/24/21 - 03/04/24	11	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-7S	USCU	E004	Boron, total	mg/L	02/24/21 - 03/04/24	11	0	CI around mean	3.81	2	Standard	Exceedance
MW-7S	USCU	E004	Cadmium, total	mg/L	02/24/21 - 03/04/24	11	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-7S	USCU	E004	Chloride, total	mg/L	02/24/21 - 03/04/24	11	0	CI around mean	9.97	200	Standard	No Exceedance
MW-7S	USCU	E004	Chromium, total	mg/L	02/24/21 - 03/04/24	11	54	CI around median	0.0015	0.1	Standard	No Exceedance
MW-7S	USCU	E004	Cobalt, total	mg/L	02/24/21 - 03/04/24	11	18	CI around median	0.0012	0.006	Standard	No Exceedance
MW-7S	USCU	E004	Fluoride, total	mg/L	02/24/21 - 03/04/24	11	0	CB around linear reg	0.25	4.0	Standard	No Exceedance
MW-7S	USCU	E004	Lead, total	mg/L	02/24/21 - 03/04/24	11	73	CI around median	0.001	0.0075	Standard	No Exceedance
MW-7S	USCU	E004	Lithium, total	mg/L	02/24/21 - 03/04/24	11	91	CI around median	0.003	0.04	Standard	No Exceedance
MW-7S	USCU	E004	Mercury, total	mg/L	02/24/21 - 03/04/24	11	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-7S	USCU	E004	Molybdenum, total	mg/L	02/24/21 - 03/04/24	11	73	CI around median	0.0015	0.1	Standard	No Exceedance
MW-7S	USCU	E004	pH (field)	SU	02/24/21 - 03/04/24	11	0	CI around median	6.5/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-7S	USCU	E004	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 03/04/24	11	0	CI around mean	0.134	5	Standard	No Exceedance
MW-7S	USCU	E004	Selenium, total	mg/L	02/24/21 - 03/04/24	11	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-7S	USCU	E004	Sulfate, total	mg/L	02/24/21 - 03/04/24	11	0	CI around mean	416	400	Standard	Exceedance
MW-7S	USCU	E004	Thallium, total	mg/L	02/24/21 - 03/04/24	11	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-7S	USCU	E004	Total Dissolved Solids	mg/L	02/24/21 - 03/04/24	10	0	CI around median	1,010	1,200	Standard	No Exceedance
MW-8	UA	E004	Antimony, total	mg/L	12/15/15 - 03/05/24	29	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-8	UA	E004	Arsenic, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-8	UA	E004	Barium, total	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	0.0199	2.0	Standard	No Exceedance
MW-8	UA	E004	Beryllium, total	mg/L	12/15/15 - 03/05/24	29	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-8	UA	E004	Boron, total	mg/L	12/15/15 - 03/05/24	31	0	CI around median	0.958	2	Standard	No Exceedance
MW-8	UA	E004	Cadmium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-8	UA	E004	Chloride, total	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	15.3	200	Standard	No Exceedance
MW-8	UA	E004	Chromium, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.0015	0.1	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-8	UA	E004	Cobalt, total	mg/L	12/15/15 - 03/05/24	31	28	CB around linear reg	0.00091	0.006	Standard	No Exceedance
MW-8	UA	E004	Fluoride, total	mg/L	12/15/15 - 03/05/24	31	0	CB around T-S line	0.217	4.0	Standard	No Exceedance
MW-8	UA	E004	Lead, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-8	UA	E004	Lithium, total	mg/L	12/15/15 - 03/05/24	23	52	CB around T-S line	0.00287	0.04	Standard	No Exceedance
MW-8	UA	E004	Mercury, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-8	UA	E004	Molybdenum, total	mg/L	12/15/15 - 03/05/24	23	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-8	UA	E004	pH (field)	SU	12/15/15 - 03/05/24	31	0	CI around mean	6.6/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-8	UA	E004	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 03/05/24	32	0	CI around median	0.21	5	Standard	No Exceedance
MW-8	UA	E004	Selenium, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-8	UA	E004	Sulfate, total	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	208	400	Standard	No Exceedance
MW-8	UA	E004	Thallium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-8	UA	E004	Total Dissolved Solids	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	762	1,200	Standard	No Exceedance
MW-8S	USCU	E004	Antimony, total	mg/L	--	--	--	--	--	0.006	Standard	--
MW-8S	USCU	E004	Arsenic, total	mg/L	--	--	--	--	--	0.010	Standard	--
MW-8S	USCU	E004	Barium, total	mg/L	--	--	--	--	--	2.0	Standard	--
MW-8S	USCU	E004	Beryllium, total	mg/L	--	--	--	--	--	0.004	Standard	--
MW-8S	USCU	E004	Boron, total	mg/L	--	--	--	--	--	2	Standard	--
MW-8S	USCU	E004	Cadmium, total	mg/L	--	--	--	--	--	0.005	Standard	--
MW-8S	USCU	E004	Chloride, total	mg/L	--	--	--	--	--	200	Standard	--
MW-8S	USCU	E004	Chromium, total	mg/L	--	--	--	--	--	0.1	Standard	--
MW-8S	USCU	E004	Cobalt, total	mg/L	--	--	--	--	--	0.006	Standard	--
MW-8S	USCU	E004	Fluoride, total	mg/L	--	--	--	--	--	4.0	Standard	--
MW-8S	USCU	E004	Lead, total	mg/L	--	--	--	--	--	0.0075	Standard	--
MW-8S	USCU	E004	Lithium, total	mg/L	--	--	--	--	--	0.04	Standard	--
MW-8S	USCU	E004	Mercury, total	mg/L	--	--	--	--	--	0.002	Standard	--
MW-8S	USCU	E004	Molybdenum, total	mg/L	--	--	--	--	--	0.1	Standard	--
MW-8S	USCU	E004	pH (field)	SU	--	--	--	--	--	5.6/9.0	Background/Standard	--

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-8S	USCU	E004	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	--	5	Standard	--
MW-8S	USCU	E004	Selenium, total	mg/L	--	--	--	--	--	0.05	Standard	--
MW-8S	USCU	E004	Sulfate, total	mg/L	--	--	--	--	--	400	Standard	--
MW-8S	USCU	E004	Thallium, total	mg/L	--	--	--	--	--	0.002	Standard	--
MW-8S	USCU	E004	Total Dissolved Solids	mg/L	--	--	--	--	--	1,200	Standard	--
MW-11	UA	E004	Antimony, total	mg/L	12/15/15 - 03/05/24	29	97	CI around median	0.001	0.006	Standard	No Exceedance
MW-11	UA	E004	Arsenic, total	mg/L	12/15/15 - 03/05/24	31	23	CI around median	0.0012	0.010	Standard	No Exceedance
MW-11	UA	E004	Barium, total	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	0.112	2.0	Standard	No Exceedance
MW-11	UA	E004	Beryllium, total	mg/L	12/15/15 - 03/05/24	29	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-11	UA	E004	Boron, total	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	1.56	2	Standard	No Exceedance
MW-11	UA	E004	Cadmium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-11	UA	E004	Chloride, total	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	29.6	200	Standard	No Exceedance
MW-11	UA	E004	Chromium, total	mg/L	12/15/15 - 03/05/24	31	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-11	UA	E004	Cobalt, total	mg/L	12/15/15 - 03/05/24	31	94	CI around median	0.001	0.006	Standard	No Exceedance
MW-11	UA	E004	Fluoride, total	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	0.492	4.0	Standard	No Exceedance
MW-11	UA	E004	Lead, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-11	UA	E004	Lithium, total	mg/L	12/15/15 - 03/05/24	23	48	CB around linear reg	0.00283	0.04	Standard	No Exceedance
MW-11	UA	E004	Mercury, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-11	UA	E004	Molybdenum, total	mg/L	12/15/15 - 03/05/24	23	4	CI around median	0.0021	0.1	Standard	No Exceedance
MW-11	UA	E004	pH (field)	SU	12/15/15 - 03/05/24	31	0	CB around linear reg	6.5/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-11	UA	E004	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 03/05/24	32	0	CI around mean	0.549	5	Standard	No Exceedance
MW-11	UA	E004	Selenium, total	mg/L	12/15/15 - 03/05/24	31	64	CI around median	0.001	0.05	Standard	No Exceedance
MW-11	UA	E004	Sulfate, total	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	108	400	Standard	No Exceedance
MW-11	UA	E004	Thallium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-11	UA	E004	Total Dissolved Solids	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	626	1,200	Standard	No Exceedance
MW-12	UA	E004	Antimony, total	mg/L	12/15/15 - 03/05/24	29	97	CI around median	0.001	0.006	Standard	No Exceedance
MW-12	UA	E004	Arsenic, total	mg/L	12/15/15 - 03/05/24	31	90	CB around T-S line	0.001	0.010	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-12	UA	E004	Barium, total	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	0.0609	2.0	Standard	No Exceedance
MW-12	UA	E004	Beryllium, total	mg/L	12/15/15 - 03/05/24	29	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-12	UA	E004	Boron, total	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	2.68	2	Standard	Exceedance
MW-12	UA	E004	Cadmium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-12	UA	E004	Chloride, total	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	19.9	200	Standard	No Exceedance
MW-12	UA	E004	Chromium, total	mg/L	12/15/15 - 03/05/24	31	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-12	UA	E004	Cobalt, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-12	UA	E004	Fluoride, total	mg/L	12/15/15 - 03/05/24	31	0	CI around median	0.18	4.0	Standard	No Exceedance
MW-12	UA	E004	Lead, total	mg/L	12/15/15 - 03/05/24	31	97	CI around median	0.001	0.0075	Standard	No Exceedance
MW-12	UA	E004	Lithium, total	mg/L	12/15/15 - 03/05/24	23	0	CI around mean	0.00848	0.04	Standard	No Exceedance
MW-12	UA	E004	Mercury, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-12	UA	E004	Molybdenum, total	mg/L	12/15/15 - 03/05/24	23	83	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-12	UA	E004	pH (field)	SU	12/15/15 - 03/05/24	31	0	CB around linear reg	6.4/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-12	UA	E004	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 03/05/24	32	0	CI around median	0.447	5	Standard	No Exceedance
MW-12	UA	E004	Selenium, total	mg/L	12/15/15 - 03/05/24	31	97	CI around median	0.001	0.05	Standard	No Exceedance
MW-12	UA	E004	Sulfate, total	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	362	400	Standard	No Exceedance
MW-12	UA	E004	Thallium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-12	UA	E004	Total Dissolved Solids	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	990	1,200	Standard	No Exceedance
MW-20	UA	E004	Antimony, total	mg/L	02/26/21 - 03/05/24	13	92	CI around median	0.001	0.006	Standard	No Exceedance
MW-20	UA	E004	Arsenic, total	mg/L	02/26/21 - 03/05/24	13	46	CI around median	0.001	0.010	Standard	No Exceedance
MW-20	UA	E004	Barium, total	mg/L	02/26/21 - 03/05/24	13	0	CB around linear reg	0.065	2.0	Standard	No Exceedance
MW-20	UA	E004	Beryllium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-20	UA	E004	Boron, total	mg/L	02/26/21 - 03/05/24	13	0	CB around linear reg	0.547	2	Standard	No Exceedance
MW-20	UA	E004	Cadmium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-20	UA	E004	Chloride, total	mg/L	02/26/21 - 03/05/24	13	0	CB around linear reg	18.7	200	Standard	No Exceedance
MW-20	UA	E004	Chromium, total	mg/L	02/26/21 - 03/05/24	13	92	CI around median	0.0015	0.1	Standard	No Exceedance
MW-20	UA	E004	Cobalt, total	mg/L	02/26/21 - 03/05/24	13	92	CI around median	0.001	0.006	Standard	No Exceedance

TABLE 2.
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845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-20	UA	E004	Fluoride, total	mg/L	02/26/21 - 03/05/24	13	0	CB around linear reg	0.318	4.0	Standard	No Exceedance
MW-20	UA	E004	Lead, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-20	UA	E004	Lithium, total	mg/L	02/26/21 - 03/05/24	13	0	CB around linear reg	-0.00347	0.04	Standard	No Exceedance
MW-20	UA	E004	Mercury, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-20	UA	E004	Molybdenum, total	mg/L	02/26/21 - 03/05/24	13	8	CB around linear reg	-0.000432	0.1	Standard	No Exceedance
MW-20	UA	E004	pH (field)	SU	02/26/21 - 03/05/24	13	0	CI around mean	6.8/7.1	5.6/9.0	Background/Standard	No Exceedance
MW-20	UA	E004	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 03/05/24	13	0	CI around mean	0.239	5	Standard	No Exceedance
MW-20	UA	E004	Selenium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-20	UA	E004	Sulfate, total	mg/L	02/26/21 - 03/05/24	13	0	CB around linear reg	144	400	Standard	No Exceedance
MW-20	UA	E004	Thallium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-20	UA	E004	Total Dissolved Solids	mg/L	02/26/21 - 03/05/24	12	0	CB around linear reg	641	1,200	Standard	No Exceedance
MW-20S	USCU	E004	Antimony, total	mg/L	02/26/21 - 03/04/24	13	92	CI around median	0.001	0.006	Standard	No Exceedance
MW-20S	USCU	E004	Arsenic, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-20S	USCU	E004	Barium, total	mg/L	02/26/21 - 03/04/24	13	8	CI around median	0.0346	2.0	Standard	No Exceedance
MW-20S	USCU	E004	Beryllium, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-20S	USCU	E004	Boron, total	mg/L	02/26/21 - 03/04/24	13	0	CB around linear reg	1.22	2	Standard	No Exceedance
MW-20S	USCU	E004	Cadmium, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-20S	USCU	E004	Chloride, total	mg/L	02/26/21 - 03/04/24	13	0	CI around mean	17.6	200	Standard	No Exceedance
MW-20S	USCU	E004	Chromium, total	mg/L	02/26/21 - 03/04/24	13	92	CI around median	0.0015	0.1	Standard	No Exceedance
MW-20S	USCU	E004	Cobalt, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-20S	USCU	E004	Fluoride, total	mg/L	02/26/21 - 03/04/24	13	0	CI around mean	0.176	4.0	Standard	No Exceedance
MW-20S	USCU	E004	Lead, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-20S	USCU	E004	Lithium, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.003	0.04	Standard	No Exceedance
MW-20S	USCU	E004	Mercury, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-20S	USCU	E004	Molybdenum, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-20S	USCU	E004	pH (field)	SU	02/26/21 - 03/04/24	13	0	CI around mean	6.5/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-20S	USCU	E004	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 03/04/24	13	0	CI around mean	0.158	5	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-20S	USCU	E004	Selenium, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-20S	USCU	E004	Sulfate, total	mg/L	02/26/21 - 03/04/24	13	0	CB around linear reg	305	400	Standard	No Exceedance
MW-20S	USCU	E004	Thallium, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-20S	USCU	E004	Total Dissolved Solids	mg/L	02/26/21 - 03/04/24	12	0	CB around linear reg	902	1,200	Standard	No Exceedance
MW-23	UA	E004	Antimony, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-23	UA	E004	Arsenic, total	mg/L	02/26/21 - 03/05/24	13	46	CI around median	0.001	0.010	Standard	No Exceedance
MW-23	UA	E004	Barium, total	mg/L	02/26/21 - 03/05/24	13	0	CI around mean	0.0835	2.0	Standard	No Exceedance
MW-23	UA	E004	Beryllium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-23	UA	E004	Boron, total	mg/L	02/26/21 - 03/05/24	13	0	CI around median	1.95	2	Standard	No Exceedance
MW-23	UA	E004	Cadmium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-23	UA	E004	Chloride, total	mg/L	02/26/21 - 03/05/24	13	0	CB around linear reg	24.1	200	Standard	No Exceedance
MW-23	UA	E004	Chromium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-23	UA	E004	Cobalt, total	mg/L	02/26/21 - 03/05/24	13	38	CI around median	0.001	0.006	Standard	No Exceedance
MW-23	UA	E004	Fluoride, total	mg/L	02/26/21 - 03/05/24	13	0	CI around mean	0.345	4.0	Standard	No Exceedance
MW-23	UA	E004	Lead, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-23	UA	E004	Lithium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.003	0.04	Standard	No Exceedance
MW-23	UA	E004	Mercury, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-23	UA	E004	Molybdenum, total	mg/L	02/26/21 - 03/05/24	13	92	CI around median	0.0015	0.1	Standard	No Exceedance
MW-23	UA	E004	pH (field)	SU	02/26/21 - 03/05/24	13	0	CI around mean	6.5/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-23	UA	E004	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 03/05/24	13	0	CI around mean	0.272	5	Standard	No Exceedance
MW-23	UA	E004	Selenium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-23	UA	E004	Sulfate, total	mg/L	02/26/21 - 03/05/24	13	0	CI around mean	41.4	400	Standard	No Exceedance
MW-23	UA	E004	Thallium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-23	UA	E004	Total Dissolved Solids	mg/L	02/26/21 - 03/05/24	12	0	CI around mean	581	1,200	Standard	No Exceedance
MW-27	USCU	E004	Antimony, total	mg/L	02/24/21 - 03/05/24	10	80	CI around median	0.001	0.006	Standard	No Exceedance
MW-27	USCU	E004	Arsenic, total	mg/L	02/24/21 - 03/05/24	10	0	CI around geomean	0.00361	0.010	Standard	No Exceedance
MW-27	USCU	E004	Barium, total	mg/L	02/24/21 - 03/05/24	10	0	CI around geomean	0.0832	2.0	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-27	USCU	E004	Beryllium, total	mg/L	02/24/21 - 03/05/24	10	70	CI around median	0.001	0.004	Standard	No Exceedance
MW-27	USCU	E004	Boron, total	mg/L	02/24/21 - 03/05/24	10	0	CI around mean	0.972	2	Standard	No Exceedance
MW-27	USCU	E004	Cadmium, total	mg/L	02/24/21 - 03/05/24	10	90	CI around median	0.001	0.005	Standard	No Exceedance
MW-27	USCU	E004	Chloride, total	mg/L	02/24/21 - 03/05/24	10	0	CI around mean	14.3	200	Standard	No Exceedance
MW-27	USCU	E004	Chromium, total	mg/L	02/24/21 - 03/05/24	10	10	CI around geomean	0.00276	0.1	Standard	No Exceedance
MW-27	USCU	E004	Cobalt, total	mg/L	02/24/21 - 03/05/24	10	0	CI around geomean	0.00211	0.006	Standard	No Exceedance
MW-27	USCU	E004	Fluoride, total	mg/L	02/24/21 - 03/05/24	10	0	CI around median	0.17	4.0	Standard	No Exceedance
MW-27	USCU	E004	Lead, total	mg/L	02/24/21 - 03/05/24	10	10	CI around geomean	0.0014	0.0075	Standard	No Exceedance
MW-27	USCU	E004	Lithium, total	mg/L	02/24/21 - 03/05/24	10	30	CI around geomean	0.00321	0.04	Standard	No Exceedance
MW-27	USCU	E004	Mercury, total	mg/L	02/24/21 - 03/05/24	10	80	CI around median	0.0002	0.002	Standard	No Exceedance
MW-27	USCU	E004	Molybdenum, total	mg/L	02/24/21 - 03/05/24	10	20	CI around geomean	0.00221	0.1	Standard	No Exceedance
MW-27	USCU	E004	pH (field)	SU	02/24/21 - 03/05/24	11	0	CI around mean	6.6/6.9	5.6/9.0	Background/Standard	No Exceedance
MW-27	USCU	E004	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 03/05/24	10	0	CI around geomean	0.364	5	Standard	No Exceedance
MW-27	USCU	E004	Selenium, total	mg/L	02/24/21 - 03/05/24	10	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-27	USCU	E004	Sulfate, total	mg/L	02/24/21 - 03/05/24	10	0	CI around mean	263	400	Standard	No Exceedance
MW-27	USCU	E004	Thallium, total	mg/L	02/24/21 - 03/05/24	10	90	CI around median	0.002	0.002	Standard	No Exceedance
MW-27	USCU	E004	Total Dissolved Solids	mg/L	02/24/21 - 03/05/24	9	0	CI around median	885	1,200	Standard	No Exceedance
MW-28	UA	E004	Antimony, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-28	UA	E004	Arsenic, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-28	UA	E004	Barium, total	mg/L	02/24/21 - 03/06/24	13	0	CI around mean	0.0224	2.0	Standard	No Exceedance
MW-28	UA	E004	Beryllium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-28	UA	E004	Boron, total	mg/L	02/24/21 - 03/06/24	13	0	CI around mean	8.73	2	Standard	Exceedance
MW-28	UA	E004	Cadmium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-28	UA	E004	Chloride, total	mg/L	02/24/21 - 03/06/24	13	0	CI around mean	12.5	200	Standard	No Exceedance
MW-28	UA	E004	Chromium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-28	UA	E004	Cobalt, total	mg/L	02/24/21 - 03/06/24	13	85	CI around median	0.001	0.006	Standard	No Exceedance
MW-28	UA	E004	Fluoride, total	mg/L	02/24/21 - 03/06/24	13	0	CI around median	0.13	4.0	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-28	UA	E004	Lead, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-28	UA	E004	Lithium, total	mg/L	02/24/21 - 03/06/24	13	0	CI around mean	0.0061	0.04	Standard	No Exceedance
MW-28	UA	E004	Mercury, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-28	UA	E004	Molybdenum, total	mg/L	02/24/21 - 03/06/24	13	92	CI around median	0.0015	0.1	Standard	No Exceedance
MW-28	UA	E004	pH (field)	SU	02/24/21 - 03/06/24	13	0	CI around mean	6.6/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-28	UA	E004	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 03/06/24	13	0	CB around linear reg	0.421	5	Standard	No Exceedance
MW-28	UA	E004	Selenium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-28	UA	E004	Sulfate, total	mg/L	02/24/21 - 03/06/24	13	0	CI around mean	816	400	Standard	Exceedance
MW-28	UA	E004	Thallium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-28	UA	E004	Total Dissolved Solids	mg/L	02/24/21 - 03/06/24	12	0	CI around mean	1,630	1,200	Standard	Exceedance
MW-30	UA	E004	Antimony, total	mg/L	02/25/21 - 03/06/24	13	92	Most recent sample	0.001	0.006	Standard	No Exceedance
MW-30	UA	E004	Arsenic, total	mg/L	02/25/21 - 03/06/24	13	8	CB around linear reg	0.00309	0.010	Standard	No Exceedance
MW-30	UA	E004	Barium, total	mg/L	02/25/21 - 03/06/24	13	0	CI around mean	0.152	2.0	Standard	No Exceedance
MW-30	UA	E004	Beryllium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-30	UA	E004	Boron, total	mg/L	02/25/21 - 03/06/24	13	0	CI around median	1.09	2	Standard	No Exceedance
MW-30	UA	E004	Cadmium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-30	UA	E004	Chloride, total	mg/L	02/25/21 - 03/06/24	13	0	CB around linear reg	38.3	200	Standard	No Exceedance
MW-30	UA	E004	Chromium, total	mg/L	02/25/21 - 03/06/24	13	77	CI around median	0.0015	0.1	Standard	No Exceedance
MW-30	UA	E004	Cobalt, total	mg/L	02/25/21 - 03/06/24	13	0	CI around mean	0.00202	0.006	Standard	No Exceedance
MW-30	UA	E004	Fluoride, total	mg/L	02/25/21 - 03/06/24	13	0	CB around linear reg	0.311	4.0	Standard	No Exceedance
MW-30	UA	E004	Lead, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-30	UA	E004	Lithium, total	mg/L	02/25/21 - 03/06/24	13	85	CB around T-S line	-0.00522	0.04	Standard	No Exceedance
MW-30	UA	E004	Mercury, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-30	UA	E004	Molybdenum, total	mg/L	02/25/21 - 03/06/24	13	31	CI around median	0.0015	0.1	Standard	No Exceedance
MW-30	UA	E004	pH (field)	SU	02/25/21 - 03/06/24	13	0	CI around mean	6.4/6.6	5.6/9.0	Background/Standard	No Exceedance
MW-30	UA	E004	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 03/06/24	13	0	CI around geomean	0.606	5	Standard	No Exceedance
MW-30	UA	E004	Selenium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.001	0.05	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-30	UA	E004	Sulfate, total	mg/L	02/25/21 - 03/06/24	13	38	CB around linear reg	-29.5	400	Standard	No Exceedance
MW-30	UA	E004	Thallium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-30	UA	E004	Total Dissolved Solids	mg/L	02/25/21 - 03/06/24	12	0	CB around linear reg	566	1,200	Standard	No Exceedance
MW-31	UA	E004	Antimony, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-31	UA	E004	Arsenic, total	mg/L	02/24/21 - 03/06/24	13	8	CI around mean	0.00246	0.010	Standard	No Exceedance
MW-31	UA	E004	Barium, total	mg/L	02/24/21 - 03/06/24	13	0	CI around mean	0.214	2.0	Standard	No Exceedance
MW-31	UA	E004	Beryllium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-31	UA	E004	Boron, total	mg/L	02/24/21 - 03/06/24	13	0	CI around mean	0.242	2	Standard	No Exceedance
MW-31	UA	E004	Cadmium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-31	UA	E004	Chloride, total	mg/L	02/24/21 - 03/06/24	13	0	CI around mean	46.4	200	Standard	No Exceedance
MW-31	UA	E004	Chromium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-31	UA	E004	Cobalt, total	mg/L	02/24/21 - 03/06/24	13	77	CI around median	0.001	0.006	Standard	No Exceedance
MW-31	UA	E004	Fluoride, total	mg/L	02/24/21 - 03/06/24	13	0	CI around median	0.17	4.0	Standard	No Exceedance
MW-31	UA	E004	Lead, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-31	UA	E004	Lithium, total	mg/L	02/24/21 - 03/06/24	13	0	CI around mean	0.00479	0.04	Standard	No Exceedance
MW-31	UA	E004	Mercury, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-31	UA	E004	Molybdenum, total	mg/L	02/24/21 - 03/06/24	13	54	CB around T-S line	-0.00557	0.1	Standard	No Exceedance
MW-31	UA	E004	pH (field)	SU	02/24/21 - 03/06/24	13	0	CI around mean	6.5/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-31	UA	E004	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 03/06/24	13	0	CI around mean	0.62	5	Standard	No Exceedance
MW-31	UA	E004	Selenium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-31	UA	E004	Sulfate, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	10	400	Standard	No Exceedance
MW-31	UA	E004	Thallium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-31	UA	E004	Total Dissolved Solids	mg/L	02/24/21 - 03/06/24	12	0	CI around mean	577	1,200	Standard	No Exceedance
MW-31S	USCU	E004	Antimony, total	mg/L	02/24/21 - 03/04/24	12	83	CI around median	0.001	0.006	Standard	No Exceedance
MW-31S	USCU	E004	Arsenic, total	mg/L	02/24/21 - 03/04/24	12	0	CI around mean	0.00602	0.010	Standard	No Exceedance
MW-31S	USCU	E004	Barium, total	mg/L	02/24/21 - 03/04/24	12	0	CI around geomean	0.206	2.0	Standard	No Exceedance
MW-31S	USCU	E004	Beryllium, total	mg/L	02/24/21 - 03/04/24	12	92	CI around median	0.001	0.004	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-31S	USCU	E004	Boron, total	mg/L	02/24/21 - 03/04/24	12	8	CI around mean	0.0366	2	Standard	No Exceedance
MW-31S	USCU	E004	Cadmium, total	mg/L	02/24/21 - 03/04/24	12	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-31S	USCU	E004	Chloride, total	mg/L	02/24/21 - 03/04/24	11	0	CI around mean	14.6	200	Standard	No Exceedance
MW-31S	USCU	E004	Chromium, total	mg/L	02/24/21 - 03/04/24	12	50	CI around median	0.0015	0.1	Standard	No Exceedance
MW-31S	USCU	E004	Cobalt, total	mg/L	02/24/21 - 03/04/24	12	0	CI around geomean	0.0031	0.006	Standard	No Exceedance
MW-31S	USCU	E004	Fluoride, total	mg/L	02/24/21 - 03/04/24	11	0	CI around mean	0.219	4.0	Standard	No Exceedance
MW-31S	USCU	E004	Lead, total	mg/L	02/24/21 - 03/04/24	12	33	CI around geomean	0.000877	0.0075	Standard	No Exceedance
MW-31S	USCU	E004	Lithium, total	mg/L	02/24/21 - 03/04/24	12	58	CI around median	0.003	0.04	Standard	No Exceedance
MW-31S	USCU	E004	Mercury, total	mg/L	02/24/21 - 03/04/24	12	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-31S	USCU	E004	Molybdenum, total	mg/L	02/24/21 - 03/04/24	12	33	CI around mean	0.00209	0.1	Standard	No Exceedance
MW-31S	USCU	E004	pH (field)	SU	02/24/21 - 03/04/24	13	0	CI around mean	6.5/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-31S	USCU	E004	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 03/04/24	11	0	CI around mean	0.926	5	Standard	No Exceedance
MW-31S	USCU	E004	Selenium, total	mg/L	02/24/21 - 03/04/24	12	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-31S	USCU	E004	Sulfate, total	mg/L	02/24/21 - 03/04/24	11	18	CB around linear reg	-102	400	Standard	No Exceedance
MW-31S	USCU	E004	Thallium, total	mg/L	02/24/21 - 03/04/24	12	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-31S	USCU	E004	Total Dissolved Solids	mg/L	02/24/21 - 03/04/24	10	0	CB around linear reg	546	1,200	Standard	No Exceedance
MW-32	UA	E004	Antimony, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-32	UA	E004	Arsenic, total	mg/L	02/25/21 - 03/06/24	13	92	CI around median	0.001	0.010	Standard	No Exceedance
MW-32	UA	E004	Barium, total	mg/L	02/25/21 - 03/06/24	13	0	CB around linear reg	0.0286	2.0	Standard	No Exceedance
MW-32	UA	E004	Beryllium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-32	UA	E004	Boron, total	mg/L	02/25/21 - 03/06/24	13	0	CI around mean	1.53	2	Standard	No Exceedance
MW-32	UA	E004	Cadmium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-32	UA	E004	Chloride, total	mg/L	02/25/21 - 03/06/24	13	0	CB around linear reg	9.58	200	Standard	No Exceedance
MW-32	UA	E004	Chromium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-32	UA	E004	Cobalt, total	mg/L	02/25/21 - 03/06/24	13	77	CI around median	0.001	0.006	Standard	No Exceedance
MW-32	UA	E004	Fluoride, total	mg/L	02/25/21 - 03/06/24	13	0	CI around median	0.17	4.0	Standard	No Exceedance
MW-32	UA	E004	Lead, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.001	0.0075	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-32	UA	E004	Lithium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.003	0.04	Standard	No Exceedance
MW-32	UA	E004	Mercury, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-32	UA	E004	Molybdenum, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-32	UA	E004	pH (field)	SU	02/25/21 - 03/06/24	13	0	CI around mean	6.3/6.5	5.6/9.0	Background/Standard	No Exceedance
MW-32	UA	E004	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 03/06/24	13	0	CI around mean	0.143	5	Standard	No Exceedance
MW-32	UA	E004	Selenium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-32	UA	E004	Sulfate, total	mg/L	02/25/21 - 03/06/24	13	0	CI around mean	391	400	Standard	No Exceedance
MW-32	UA	E004	Thallium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-32	UA	E004	Total Dissolved Solids	mg/L	02/25/21 - 03/06/24	12	0	CB around linear reg	1,000	1,200	Standard	No Exceedance
PZ-4C	UA	E004	Antimony, total	mg/L	02/25/21 - 03/06/24	12	83	CI around median	0.001	0.006	Standard	No Exceedance
PZ-4C	UA	E004	Arsenic, total	mg/L	02/25/21 - 03/06/24	12	42	CI around geomean	0.000988	0.010	Standard	No Exceedance
PZ-4C	UA	E004	Barium, total	mg/L	02/25/21 - 03/06/24	12	0	CI around median	0.247	2.0	Standard	No Exceedance
PZ-4C	UA	E004	Beryllium, total	mg/L	02/25/21 - 03/06/24	12	92	CI around median	0.001	0.004	Standard	No Exceedance
PZ-4C	UA	E004	Boron, total	mg/L	02/25/21 - 03/06/24	12	0	CI around mean	1.38	2	Standard	No Exceedance
PZ-4C	UA	E004	Cadmium, total	mg/L	02/25/21 - 03/06/24	12	92	CI around median	0.001	0.005	Standard	No Exceedance
PZ-4C	UA	E004	Chloride, total	mg/L	02/25/21 - 03/06/24	12	0	CB around linear reg	30.8	200	Standard	No Exceedance
PZ-4C	UA	E004	Chromium, total	mg/L	02/25/21 - 03/06/24	12	42	CI around median	0.0015	0.1	Standard	No Exceedance
PZ-4C	UA	E004	Cobalt, total	mg/L	02/25/21 - 03/06/24	12	75	CI around median	0.001	0.006	Standard	No Exceedance
PZ-4C	UA	E004	Fluoride, total	mg/L	02/25/21 - 03/06/24	12	0	CI around mean	0.379	4.0	Standard	No Exceedance
PZ-4C	UA	E004	Lead, total	mg/L	02/25/21 - 03/06/24	12	58	CI around median	0.001	0.0075	Standard	No Exceedance
PZ-4C	UA	E004	Lithium, total	mg/L	02/25/21 - 03/06/24	12	0	CI around median	0.0067	0.04	Standard	No Exceedance
PZ-4C	UA	E004	Mercury, total	mg/L	02/25/21 - 03/06/24	12	92	CI around median	0.0002	0.002	Standard	No Exceedance
PZ-4C	UA	E004	Molybdenum, total	mg/L	02/25/21 - 03/06/24	12	75	CI around median	0.0015	0.1	Standard	No Exceedance
PZ-4C	UA	E004	pH (field)	SU	02/25/21 - 03/06/24	12	0	CI around mean	6.6/7.1	5.6/9.0	Background/Standard	No Exceedance
PZ-4C	UA	E004	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 03/06/24	12	0	CI around geomean	0.52	5	Standard	No Exceedance
PZ-4C	UA	E004	Selenium, total	mg/L	02/25/21 - 03/06/24	12	100	All ND - Last	0.001	0.05	Standard	No Exceedance
PZ-4C	UA	E004	Sulfate, total	mg/L	02/25/21 - 03/06/24	12	0	CI around mean	60.7	400	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
PZ-4C	UA	E004	Thallium, total	mg/L	02/25/21 - 03/06/24	12	100	All ND - Last	0.002	0.002	Standard	No Exceedance
PZ-4C	UA	E004	Total Dissolved Solids	mg/L	02/25/21 - 03/06/24	11	0	CI around mean	537	1,200	Standard	No Exceedance

Notes:
– = no data available
Compliance Result:

No Exceedance: the statistical result did not exceed the GWPS.

Exceedance: The statistical result exceeded the GWPS.

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

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

Statistical Result = calculated in accordance with the Statistical Analysis Plan using constituent concentrations observed at each monitoring well during all sampling events within the specified date range
For pH, the values presented are the lower / upper limits
GWPS = Groundwater Protection Standard
GWPS Source:

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

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

FIGURES

Y:\Mapping\Projects\22\2285\MXD\845_Operating_Permit\Kincaid\GMP\Figure 2-1_Proposed Monitoring Well Network.mxd

PROJECT: 169000XXXX | DATED: 10/7/2021 | DESIGNER: STOLZSD

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

0 250 500 Feet

MONITORING WELL LOCATION MAP

ASH POND

KINCAID POWER PLANT
KINCAID, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

ATTACHMENTS

ATTACHMENT A
SUMMARY OF GROUNDWATER ELEVATION DATA
QUARTER 1, 2024

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
MW-1	Background	03/04/2024	15.89	588.99
MW-2	Background	03/04/2024	7.37	593.90
MW-3	Compliance	03/04/2024	8.63	593.00
MW-5	Compliance	03/04/2024	26.00	593.61
MW-6	Compliance	03/04/2024	9.46	591.17
MW-7	Compliance	03/04/2024	9.23	588.69
MW-7S	Compliance	03/04/2024	Not Measured	
MW-8	Compliance	03/04/2024	9.40	593.91
MW-8S	Compliance	03/04/2024	Not Measured	
MW-11	Compliance	03/04/2024	11.84	590.14
MW-12	Compliance	03/04/2024	6.61	584.96
MW-20	Compliance	03/04/2024	6.27	594.67
MW-20S	Compliance	03/04/2024	5.22	595.59
MW-23	Compliance	03/04/2024	16.36	594.13
MW-27	Compliance	03/04/2024	14.51	585.71
MW-28	Compliance	03/04/2024	6.62	594.95
MW-30	Compliance	03/04/2024	24.37	594.27
MW-31	Compliance	03/04/2024	29.90	587.61
MW-31S	Compliance	03/04/2024	20.97	596.74
MW-32	Compliance	03/04/2024	22.86	596.80
PZ-4C	Compliance	03/04/2024	6.92	593.82
XSG-01	Water Level	03/04/2024	4.79	603.81
SG-02	Water Level	03/04/2024	-20.17	584.97

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

ATTACHMENT B
LABORATORY REPORTS AND FIELD DATA SHEETS
QUARTER 1, 2024

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

March 20, 2024

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

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

RE: KIN-24Q1 **WorkOrder:** 24021452

Dear Eric Bauer:

TEKLAB, INC received 30 samples for KIN-845-141 on 3/6/2024 3:05:00 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

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

Report Contents

Client: Ramboll
Client Project: KIN-24Q1

Work Order: 24021452
Report Date: 20-Mar-24

This reporting package includes the following:

Definitions

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Abbr	Definition
*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Definitions

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Qualifiers

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

Case Narrative

Client: Ramboll
Client Project: KIN-24Q1

Work Order: 24021452
Report Date: 20-Mar-24

Cooler Receipt Temp: 12.1 °C

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

MW-08S was dry; no sample volume was collected.

XSG-01 date/time of measurement is per SAR4.

YSG-02 measurement is to be provided by the plant directly to Ramboll.

Equipment Blank 2 and Equipment Blank 3 were not required.

Per Eric Bauer's request, only KIN-845-141 data is included in this report. EAH 3/18/24

This report was revised on March 20, 2024 per Eric Bauer's request. The reason for the revision is to omit a duplicate Barium result showing in the analytical report for Equipment Blank 1. The LCS/CCV comments were also revised to include the associated elements. Please replace report dated March 18, 2024 with this report. EAH 3/20/24

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
Phone	(217) 698-1004
Fax	(217) 698-1005
Email	KKlostermann@teklabinc.com

Kansas City

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

Collinsville Air

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

Chicago

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

Accreditations

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	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		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-001 **Client Sample ID:** MW-01

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 14:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**17.00**	ft	1	03/04/2024 14:26	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**18**	NTU	1	03/04/2024 14:26	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**42**	mV	1	03/04/2024 14:26	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**512**	µS/cm	1	03/04/2024 14:26	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.3**	°C	1	03/04/2024 14:26	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.13**	mg/L	1	03/04/2024 14:26	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.59**		1	03/04/2024 14:26	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**180**	mg/L	1	03/05/2024 10:04	R343925
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/05/2024 10:04	R343925
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**324**	mg/L	1	03/05/2024 9:27	R343990
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**97**	mg/L	5	03/05/2024 13:22	R343934
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.18**	mg/L	1	03/05/2024 10:02	R343920
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**16**	mg/L	1	03/05/2024 13:17	R343967
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**56.1**	mg/L	1	03/05/2024 15:02	219478
Magnesium	NELAP	0.0055	0.0500		**27.4**	mg/L	1	03/05/2024 15:02	219478
Potassium	NELAP	0.0400	0.100		**0.437**	mg/L	1	03/05/2024 15:02	219478
Sodium	NELAP	0.0180	0.0500		**16.4**	mg/L	1	03/05/2024 15:02	219478
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/06/2024 19:24	219478
Arsenic	NELAP	0.0004	0.0010	J	**0.0004**	mg/L	5	03/05/2024 20:33	219478
Barium	NELAP	0.0007	0.0010		**0.0534**	mg/L	5	03/06/2024 19:24	219478
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/05/2024 20:33	219478
Boron	NELAP	0.0092	0.0250		**0.221**	mg/L	5	03/06/2024 19:24	219478
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/05/2024 20:33	219478
Chromium	NELAP	0.0007	0.0015		**0.0018**	mg/L	5	03/06/2024 19:24	219478
Cobalt	NELAP	0.0001	0.0010	J	**0.0003**	mg/L	5	03/05/2024 20:33	219478
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/05/2024 20:33	219478
Lithium	*	0.0015	0.0030	J	**0.0022**	mg/L	5	03/06/2024 19:24	219478
Molybdenum	NELAP	0.0006	0.0015	J	**0.0010**	mg/L	5	03/06/2024 19:24	219478
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/05/2024 20:33	219478
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/05/2024 20:33	219478

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-001 **Client Sample ID:** MW-01

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 14:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	03/06/2024 17:00	219518

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-002 **Client Sample ID:** MW-02

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 12:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**7.34**	ft	1	03/04/2024 12:30	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**84**	NTU	1	03/04/2024 12:30	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**42**	mV	1	03/04/2024 12:30	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**664**	µS/cm	1	03/04/2024 12:30	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.3**	°C	1	03/04/2024 12:30	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.59**	mg/L	1	03/04/2024 12:30	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**7.18**		1	03/04/2024 12:30	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**259**	mg/L	1	03/05/2024 10:09	R343925
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/05/2024 10:09	R343925
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**455**	mg/L	2.5	03/05/2024 9:27	R343990
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**153**	mg/L	10	03/05/2024 13:30	R343934
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.43**	mg/L	1	03/05/2024 10:04	R343920
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**18**	mg/L	1	03/05/2024 13:25	R343967
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**97.1**	mg/L	1	03/05/2024 15:03	219478
Magnesium	NELAP	0.0055	0.0500		**35.4**	mg/L	1	03/05/2024 15:03	219478
Potassium	NELAP	0.0400	0.100		**2.48**	mg/L	1	03/05/2024 15:03	219478
Sodium	NELAP	0.0180	0.0500		**26.6**	mg/L	1	03/05/2024 15:03	219478
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/06/2024 19:30	219478
Arsenic	NELAP	0.0004	0.0010		**0.0023**	mg/L	5	03/05/2024 21:36	219478
Barium	NELAP	0.0007	0.0010		**0.126**	mg/L	5	03/06/2024 19:30	219478
Beryllium	NELAP	0.0002	0.0010	J	**0.0003**	mg/L	5	03/05/2024 21:36	219478
Boron	NELAP	0.0092	0.0250		**0.0520**	mg/L	5	03/06/2024 19:30	219478
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/05/2024 21:36	219478
Chromium	NELAP	0.0007	0.0015		**0.0061**	mg/L	5	03/06/2024 19:30	219478
Cobalt	NELAP	0.0001	0.0010		**0.0014**	mg/L	5	03/05/2024 21:36	219478
Lead	NELAP	0.0006	0.0010		**0.0019**	mg/L	5	03/05/2024 21:36	219478
Lithium	*	0.0015	0.0030		**0.0087**	mg/L	5	03/06/2024 19:30	219478
Molybdenum	NELAP	0.0006	0.0015		**0.0050**	mg/L	5	03/06/2024 19:30	219478
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/05/2024 21:36	219478
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/09/2024 2:38	219478

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-002 **Client Sample ID:** MW-02

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 12:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	03/06/2024 17:08	219518

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-003 **Client Sample ID:** MW-03

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 13:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**8.63**	ft	1	03/04/2024 13:00	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**12**	NTU	1	03/04/2024 13:00	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**68**	mV	1	03/04/2024 13:00	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**821**	µS/cm	1	03/04/2024 13:00	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.8**	°C	1	03/04/2024 13:00	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.50**	mg/L	1	03/04/2024 13:00	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.79**		1	03/04/2024 13:00	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**350**	mg/L	1	03/05/2024 10:20	R343925
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/05/2024 10:20	R343925
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**586**	mg/L	1	03/05/2024 10:10	R343990
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**143**	mg/L	10	03/05/2024 13:38	R343934
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.22**	mg/L	1	03/05/2024 10:23	R343920
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**30**	mg/L	1	03/05/2024 13:33	R343967
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**94.0**	mg/L	1	03/05/2024 15:03	219478
Magnesium	NELAP	0.0055	0.0500		**50.1**	mg/L	1	03/05/2024 15:03	219478
Potassium	NELAP	0.0400	0.100		**0.299**	mg/L	1	03/05/2024 15:03	219478
Sodium	NELAP	0.0180	0.0500		**45.4**	mg/L	1	03/05/2024 15:03	219478
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/06/2024 19:36	219478
Arsenic	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	03/05/2024 21:42	219478
Barium	NELAP	0.0007	0.0010		**0.0478**	mg/L	5	03/06/2024 19:36	219478
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/05/2024 21:42	219478
Boron	NELAP	0.0092	0.0250		**1.52**	mg/L	5	03/06/2024 19:36	219478
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/05/2024 21:42	219478
Chromium	NELAP	0.0008	0.0015		**< 0.0015**	mg/L	5	03/05/2024 21:42	219478
Cobalt	NELAP	0.0001	0.0010		**0.0021**	mg/L	5	03/06/2024 19:36	219478
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/05/2024 21:42	219478
Lithium	*	0.0015	0.0030	J	**0.0021**	mg/L	5	03/06/2024 19:36	219478
Molybdenum	NELAP	0.0006	0.0015	J	**0.0009**	mg/L	5	03/06/2024 19:36	219478
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/05/2024 21:42	219478
Thallium	NELAP	0.0012	0.0020	J	**0.0017**	mg/L	5	03/05/2024 21:42	219478

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-003 **Client Sample ID:** MW-03

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 13:00

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	03/06/2024 17:16	219518

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-005 **Client Sample ID:** MW-05

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 14:46

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**25.93**	ft	1	03/04/2024 14:46	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**54**	NTU	1	03/04/2024 14:46	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**32**	mV	1	03/04/2024 14:46	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1150**	µS/cm	1	03/04/2024 14:46	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.9**	°C	1	03/04/2024 14:46	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.66**	mg/L	1	03/04/2024 14:46	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.63**		1	03/04/2024 14:46	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**703**	mg/L	1	03/05/2024 10:26	R343925
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/05/2024 10:26	R343925
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**780**	mg/L	2.5	03/05/2024 10:10	R343990
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**14**	mg/L	1	03/05/2024 14:18	R343934
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.15**	mg/L	1	03/05/2024 10:27	R343920
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**47**	mg/L	1	03/05/2024 14:18	R343967
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**156**	mg/L	1	03/05/2024 15:04	219478
Magnesium	NELAP	0.0055	0.0500		**82.5**	mg/L	1	03/05/2024 15:04	219478
Potassium	NELAP	0.0400	0.100		**1.12**	mg/L	1	03/05/2024 15:04	219478
Sodium	NELAP	0.0180	0.0500		**26.4**	mg/L	1	03/05/2024 15:04	219478
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/06/2024 20:45	219478
Arsenic	NELAP	0.0004	0.0010		**0.0018**	mg/L	5	03/05/2024 21:53	219478
Barium	NELAP	0.0007	0.0010		**0.161**	mg/L	5	03/06/2024 20:45	219478
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/05/2024 21:53	219478
Boron	NELAP	0.0092	0.0250		**0.482**	mg/L	5	03/06/2024 20:45	219478
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/05/2024 21:53	219478
Chromium	NELAP	0.0007	0.0015		**0.0030**	mg/L	5	03/06/2024 20:45	219478
Cobalt	NELAP	0.0001	0.0010		**0.0014**	mg/L	5	03/06/2024 20:45	219478
Lead	NELAP	0.0006	0.0010		**0.0014**	mg/L	5	03/05/2024 21:53	219478
Lithium	*	0.0015	0.0030		**0.0040**	mg/L	5	03/06/2024 20:45	219478
Molybdenum	NELAP	0.0006	0.0015		**0.0020**	mg/L	5	03/06/2024 20:45	219478
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/05/2024 21:53	219478
Thallium	NELAP	0.0012	0.0020		**< 0.0020**	mg/L	5	03/05/2024 21:53	219478

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-005 **Client Sample ID:** MW-05

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 14:46

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	03/06/2024 17:26	219518

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-006 **Client Sample ID:** MW-06

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 11:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**9.52**	ft	1	03/05/2024 11:24	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**8.9**	NTU	1	03/05/2024 11:24	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**119**	mV	1	03/05/2024 11:24	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**652**	µS/cm	1	03/05/2024 11:24	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.1**	°C	1	03/05/2024 11:24	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**7.09**	mg/L	1	03/05/2024 11:24	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.36**		1	03/05/2024 11:24	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**278**	mg/L	1	03/06/2024 12:51	R344012
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/06/2024 12:51	R344012
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**486**	mg/L	1	03/06/2024 8:06	R344057
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**144**	mg/L	10	03/06/2024 12:50	R344022
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.18**	mg/L	1	03/06/2024 15:11	R344013
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4	J	**3**	mg/L	1	03/06/2024 12:29	R344025
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**99.6**	mg/L	1	03/06/2024 14:09	219540
Magnesium	NELAP	0.0055	0.0500		**42.7**	mg/L	1	03/06/2024 14:09	219540
Potassium	NELAP	0.0400	0.100		**0.381**	mg/L	1	03/06/2024 14:09	219540
Sodium	NELAP	0.0180	0.0500		**22.7**	mg/L	1	03/06/2024 14:09	219540
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/06/2024 23:21	219540
Arsenic	NELAP	0.0004	0.0010	J	**0.0004**	mg/L	5	03/06/2024 23:21	219540
Barium	NELAP	0.0007	0.0010		**0.0408**	mg/L	5	03/06/2024 23:21	219540
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/06/2024 23:21	219540
Boron	NELAP	0.0092	0.0250		**0.971**	mg/L	5	03/07/2024 10:55	219540
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/06/2024 23:21	219540
Chromium	NELAP	0.0007	0.0015		**0.0028**	mg/L	5	03/07/2024 10:55	219540
Cobalt	NELAP	0.0001	0.0010	J	**0.0003**	mg/L	5	03/06/2024 23:21	219540
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 10:55	219540
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	03/07/2024 10:55	219540
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	03/07/2024 10:55	219540
Selenium	NELAP	0.0006	0.0010	J	**0.0008**	mg/L	5	03/06/2024 23:21	219540
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/07/2024 10:55	219540

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-006 **Client Sample ID:** MW-06

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 11:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00013	0.00020		**< 0.00020**	mg/L	1	03/06/2024 18:10	219560

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-007 **Client Sample ID:** MW-07

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 13:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**4.80**	ft	1	03/05/2024 13:26	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**16**	NTU	1	03/05/2024 13:26	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**27**	mV	1	03/05/2024 13:26	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**803**	µS/cm	1	03/05/2024 13:26	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**10.8**	°C	1	03/05/2024 13:26	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.94**	mg/L	1	03/05/2024 13:26	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.90**		1	03/05/2024 13:26	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**318**	mg/L	1	03/06/2024 12:55	R344012
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/06/2024 12:55	R344012
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**620**	mg/L	2.5	03/06/2024 8:06	R344057
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**235**	mg/L	10	03/06/2024 13:06	R344022
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.26**	mg/L	1	03/06/2024 15:12	R344013
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4	J	**2**	mg/L	1	03/06/2024 12:50	R344025
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**140**	mg/L	1	03/06/2024 14:11	219540
Magnesium	NELAP	0.0055	0.0500		**59.5**	mg/L	1	03/06/2024 14:11	219540
Potassium	NELAP	0.0400	0.100		**1.11**	mg/L	1	03/06/2024 14:11	219540
Sodium	NELAP	0.0180	0.0500		**14.0**	mg/L	1	03/06/2024 14:11	219540
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:07	219540
Arsenic	NELAP	0.0004	0.0010		**0.0012**	mg/L	5	03/07/2024 0:07	219540
Barium	NELAP	0.0007	0.0010		**0.0394**	mg/L	5	03/07/2024 0:07	219540
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:07	219540
Boron	NELAP	0.0092	0.0250		**0.269**	mg/L	5	03/07/2024 11:01	219540
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:07	219540
Chromium	NELAP	0.0007	0.0015	J	**0.0014**	mg/L	5	03/07/2024 11:01	219540
Cobalt	NELAP	0.0001	0.0010		**0.0010**	mg/L	5	03/07/2024 0:07	219540
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 11:01	219540
Lithium	*	0.0015	0.0030	J	**0.0025**	mg/L	5	03/07/2024 11:01	219540
Molybdenum	NELAP	0.0006	0.0015		**0.0019**	mg/L	5	03/07/2024 11:01	219540
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:07	219540
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/07/2024 11:01	219540

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-007 **Client Sample ID:** MW-07

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 13:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00013	0.00020		**< 0.00020**	mg/L	1	03/06/2024 18:13	219560

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-008 **Client Sample ID:** MW-07S

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 12:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**10.53**	ft	1	03/04/2024 12:48	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**1.0**	NTU	1	03/04/2024 12:48	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**0**	mV	1	03/04/2024 12:48	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1500**	µS/cm	1	03/04/2024 12:48	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.9**	°C	1	03/04/2024 12:48	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.90**	mg/L	1	03/04/2024 12:48	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.77**		1	03/04/2024 12:48	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**420**	mg/L	1	03/05/2024 10:34	R343925
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/05/2024 10:34	R343925
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**1150**	mg/L	2.5	03/05/2024 10:11	R343990
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		**478**	mg/L	20	03/06/2024 11:06	R344022
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.29**	mg/L	1	03/05/2024 10:29	R343920
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**10**	mg/L	1	03/05/2024 14:21	R343967
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	**172**	mg/L	1	03/05/2024 15:09	219478
Magnesium	NELAP	0.0055	0.0500	S	**70.3**	mg/L	1	03/05/2024 15:09	219478
Potassium	NELAP	0.0400	0.100		**2.27**	mg/L	1	03/05/2024 15:09	219478
Sodium	NELAP	0.0180	0.0500	S	**93.9**	mg/L	1	03/05/2024 15:09	219478
Matrix spike control limits are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/06/2024 19:41	219478
Arsenic	NELAP	0.0004	0.0010		**0.0069**	mg/L	5	03/06/2024 19:41	219478
Barium	NELAP	0.0007	0.0010		**0.0390**	mg/L	5	03/06/2024 19:41	219478
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/06/2024 19:41	219478
Boron	NELAP	0.0092	0.0250		**4.41**	mg/L	5	03/06/2024 19:41	219478
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/06/2024 19:41	219478
Chromium	NELAP	0.0007	0.0015		**0.0025**	mg/L	5	03/06/2024 19:41	219478
Cobalt	NELAP	0.0001	0.0010	J	**0.0008**	mg/L	5	03/06/2024 19:41	219478
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/06/2024 19:41	219478
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	03/06/2024 19:41	219478
Molybdenum	NELAP	0.0006	0.0015	J	**0.0014**	mg/L	5	03/06/2024 19:41	219478
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/06/2024 19:41	219478
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/07/2024 11:13	219478

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-008 **Client Sample ID:** MW-07S

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 12:48

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	03/06/2024 17:29	219518

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-009 **Client Sample ID:** MW-08

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 13:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**8.07**	ft	1	03/05/2024 13:48	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**5.9**	NTU	1	03/05/2024 13:48	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**49**	mV	1	03/05/2024 13:48	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1040**	µS/cm	1	03/05/2024 13:48	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.6**	°C	1	03/05/2024 13:48	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.11**	mg/L	1	03/05/2024 13:48	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.65**		1	03/05/2024 13:48	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**450**	mg/L	1	03/06/2024 13:01	R344012
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/06/2024 13:01	R344012
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**796**	mg/L	1	03/06/2024 8:35	R344057
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**209**	mg/L	10	03/06/2024 13:27	R344022
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.21**	mg/L	1	03/06/2024 15:14	R344013
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**23**	mg/L	1	03/06/2024 12:58	R344025
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**163**	mg/L	1	03/06/2024 16:18	219540
Magnesium	NELAP	0.0055	0.0500		**74.5**	mg/L	1	03/06/2024 16:18	219540
Potassium	NELAP	0.0400	0.100		**0.586**	mg/L	1	03/06/2024 16:18	219540
Sodium	NELAP	0.0180	0.0500		**27.9**	mg/L	1	03/06/2024 16:18	219540
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:13	219540
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:13	219540
Barium	NELAP	0.0007	0.0010		**0.0216**	mg/L	5	03/07/2024 0:13	219540
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:13	219540
Boron	NELAP	0.0092	0.0250		**0.994**	mg/L	5	03/07/2024 11:07	219540
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:13	219540
Chromium	NELAP	0.0007	0.0015	J	**0.0013**	mg/L	5	03/07/2024 11:07	219540
Cobalt	NELAP	0.0001	0.0010		**0.0016**	mg/L	5	03/07/2024 0:13	219540
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 11:07	219540
Lithium	*	0.0015	0.0030	J	**0.0021**	mg/L	5	03/07/2024 11:07	219540
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	03/07/2024 11:07	219540
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:13	219540
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/07/2024 11:07	219540

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-009 **Client Sample ID:** MW-08

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 13:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00013	0.00020		**< 0.00020**	mg/L	1	03/06/2024 18:26	219560

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-010 **Client Sample ID:** MW-08S

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 13:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**9.60**	ft	1	03/04/2024 13:48	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**Dry**	NTU	1	03/04/2024 13:48	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**Dry**	mV	1	03/04/2024 13:48	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**Dry**	µS/cm	1	03/04/2024 13:48	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**Dry**	°C	1	03/04/2024 13:48	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**Dry**	mg/L	1	03/04/2024 13:48	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**Dry**		1	03/04/2024 13:48	R344088

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-013 **Client Sample ID:** MW-11

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 9:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**11.46**	ft	1	03/05/2024 9:32	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**9.3**	NTU	1	03/05/2024 9:32	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**118**	mV	1	03/05/2024 9:32	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**887**	µS/cm	1	03/05/2024 9:32	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.8**	°C	1	03/05/2024 9:32	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.85**	mg/L	1	03/05/2024 9:32	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.62**		1	03/05/2024 9:32	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**411**	mg/L	1	03/06/2024 13:07	R344012
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/06/2024 13:07	R344012
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**685**	mg/L	2.5	03/06/2024 8:36	R344057
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**115**	mg/L	10	03/06/2024 13:51	R344022
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.44**	mg/L	1	03/06/2024 15:16	R344013
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**34**	mg/L	1	03/06/2024 13:35	R344025
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**128**	mg/L	1	03/06/2024 16:19	219540
Magnesium	NELAP	0.0055	0.0500		**54.1**	mg/L	1	03/06/2024 16:19	219540
Potassium	NELAP	0.0400	0.100		**1.02**	mg/L	1	03/06/2024 16:19	219540
Sodium	NELAP	0.0180	0.0500		**42.2**	mg/L	1	03/06/2024 16:19	219540
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:24	219540
Arsenic	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	03/07/2024 0:24	219540
Barium	NELAP	0.0007	0.0010		**0.114**	mg/L	5	03/07/2024 0:24	219540
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:24	219540
Boron	NELAP	0.0092	0.0250		**1.51**	mg/L	5	03/07/2024 12:28	219540
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:24	219540
Chromium	NELAP	0.0007	0.0015	J	**0.0012**	mg/L	5	03/07/2024 12:28	219540
Cobalt	NELAP	0.0001	0.0010	J	**0.0003**	mg/L	5	03/07/2024 0:24	219540
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 12:28	219540
Lithium	*	0.0015	0.0030	J	**0.0020**	mg/L	5	03/07/2024 12:28	219540
Molybdenum	NELAP	0.0006	0.0015		**0.0026**	mg/L	5	03/07/2024 12:28	219540
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:24	219540
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/07/2024 12:28	219540

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-013 **Client Sample ID:** MW-11

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 9:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00013	0.00020		**< 0.00020**	mg/L	1	03/06/2024 18:34	219560

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-014 **Client Sample ID:** MW-12

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 12:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**6.46**	ft	1	03/05/2024 12:57	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**200**	NTU	1	03/05/2024 12:57	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**0**	mV	1	03/05/2024 12:57	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1300**	µS/cm	1	03/05/2024 12:57	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**11.4**	°C	1	03/05/2024 12:57	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.66**	mg/L	1	03/05/2024 12:57	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.68**		1	03/05/2024 12:57	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**509**	mg/L	1	03/06/2024 13:14	R344012
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/06/2024 13:14	R344012
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**995**	mg/L	2.5	03/06/2024 8:36	R344057
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**346**	mg/L	10	03/06/2024 13:59	R344022
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.22**	mg/L	1	03/06/2024 15:18	R344013
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**31**	mg/L	1	03/06/2024 13:43	R344025
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**217**	mg/L	1	03/06/2024 16:21	219540
Magnesium	NELAP	0.0055	0.0500		**89.0**	mg/L	1	03/06/2024 16:21	219540
Potassium	NELAP	0.0400	0.100		**2.29**	mg/L	1	03/06/2024 16:21	219540
Sodium	NELAP	0.0180	0.0500		**48.5**	mg/L	1	03/06/2024 16:21	219540
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:30	219540
Arsenic	NELAP	0.0004	0.0010		**0.0019**	mg/L	5	03/07/2024 0:30	219540
Barium	NELAP	0.0007	0.0010		**0.143**	mg/L	5	03/07/2024 0:30	219540
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:30	219540
Boron	NELAP	0.0092	0.0250		**2.59**	mg/L	5	03/07/2024 12:34	219540
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:30	219540
Chromium	NELAP	0.0007	0.0015		**0.0021**	mg/L	5	03/07/2024 12:34	219540
Cobalt	NELAP	0.0001	0.0010	J	**0.0003**	mg/L	5	03/07/2024 0:30	219540
Lead	NELAP	0.0006	0.0010		**0.0011**	mg/L	5	03/07/2024 12:34	219540
Lithium	*	0.0015	0.0030		**0.0103**	mg/L	5	03/07/2024 12:34	219540
Molybdenum	NELAP	0.0006	0.0015		**0.0016**	mg/L	5	03/07/2024 12:34	219540
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:30	219540
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/07/2024 12:34	219540

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-014 **Client Sample ID:** MW-12

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 12:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00013	0.00020		**< 0.00020**	mg/L	1	03/06/2024 18:36	219560

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-015 **Client Sample ID:** MW-20

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 10:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**5.81**	ft	1	03/05/2024 10:48	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**27**	NTU	1	03/05/2024 10:48	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**108**	mV	1	03/05/2024 10:48	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**913**	µS/cm	1	03/05/2024 10:48	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.1**	°C	1	03/05/2024 10:48	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.36**	mg/L	1	03/05/2024 10:48	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.87**		1	03/05/2024 10:48	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**416**	mg/L	1	03/06/2024 13:21	R344012
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/06/2024 13:21	R344012
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**674**	mg/L	1	03/06/2024 8:17	R344057
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**166**	mg/L	10	03/06/2024 14:20	R344022
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.33**	mg/L	1	03/06/2024 15:19	R344013
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**21**	mg/L	1	03/06/2024 13:51	R344025
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**142**	mg/L	1	03/06/2024 16:22	219540
Magnesium	NELAP	0.0055	0.0500		**69.4**	mg/L	1	03/06/2024 16:22	219540
Potassium	NELAP	0.0400	0.100		**1.08**	mg/L	1	03/06/2024 16:22	219540
Sodium	NELAP	0.0180	0.0500		**22.5**	mg/L	1	03/06/2024 16:22	219540
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:35	219540
Arsenic	NELAP	0.0004	0.0010	J	**0.0006**	mg/L	5	03/07/2024 0:35	219540
Barium	NELAP	0.0007	0.0010		**0.0922**	mg/L	5	03/07/2024 0:35	219540
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:35	219540
Boron	NELAP	0.0092	0.0250		**0.603**	mg/L	5	03/07/2024 12:40	219540
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:35	219540
Chromium	NELAP	0.0007	0.0015	J	**0.0015**	mg/L	5	03/07/2024 12:40	219540
Cobalt	NELAP	0.0001	0.0010	J	**0.0004**	mg/L	5	03/07/2024 0:35	219540
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 12:40	219540
Lithium	*	0.0015	0.0030		**0.0045**	mg/L	5	03/07/2024 12:40	219540
Molybdenum	NELAP	0.0006	0.0015		**0.0032**	mg/L	5	03/07/2024 12:40	219540
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:35	219540
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/07/2024 12:40	219540

Teklab, Inc. Environmental Laboratory

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-015 **Client Sample ID:** MW-20

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 10:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00013	0.00020		**< 0.00020**	mg/L	1	03/06/2024 18:38	219560

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-016 **Client Sample ID:** MW-20S

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 11:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**7.13**	ft	1	03/04/2024 11:09	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**4.8**	NTU	1	03/04/2024 11:09	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**118**	mV	1	03/04/2024 11:09	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1340**	µS/cm	1	03/04/2024 11:09	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**20.4**	°C	1	03/04/2024 11:09	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**3.29**	mg/L	1	03/04/2024 11:09	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.74**		1	03/04/2024 11:09	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**445**	mg/L	1	03/05/2024 10:41	R343925
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/05/2024 10:41	R343925
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**990**	mg/L	1	03/05/2024 10:11	R343990
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**351**	mg/L	10	03/05/2024 14:34	R343934
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.16**	mg/L	1	03/05/2024 10:30	R343920
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**22**	mg/L	1	03/05/2024 14:29	R343967
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**181**	mg/L	1	03/05/2024 15:05	219478
Magnesium	NELAP	0.0055	0.0500		**94.4**	mg/L	1	03/05/2024 15:05	219478
Potassium	NELAP	0.0400	0.100		**0.160**	mg/L	1	03/05/2024 15:05	219478
Sodium	NELAP	0.0180	0.0500		**29.6**	mg/L	1	03/05/2024 15:05	219478
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/06/2024 20:50	219478
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/05/2024 21:59	219478
Barium	NELAP	0.0007	0.0010		**0.0328**	mg/L	5	03/06/2024 20:50	219478
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/05/2024 21:59	219478
Boron	NELAP	0.0092	0.0250		**1.70**	mg/L	5	03/06/2024 20:50	219478
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/05/2024 21:59	219478
Chromium	NELAP	0.0008	0.0015	J	**0.0014**	mg/L	5	03/05/2024 21:59	219478
Cobalt	NELAP	0.0001	0.0010	J	**0.0004**	mg/L	5	03/05/2024 21:59	219478
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/05/2024 21:59	219478
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	03/06/2024 20:50	219478
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	03/06/2024 20:50	219478
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/05/2024 21:59	219478
Thallium	NELAP	0.0012	0.0020		**< 0.0020**	mg/L	5	03/05/2024 21:59	219478

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-016 **Client Sample ID:** MW-20S

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 11:09

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	03/06/2024 17:32	219518

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-017 **Client Sample ID:** MW-23

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 10:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**16.20**	ft	1	03/05/2024 10:09	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**6.1**	NTU	1	03/05/2024 10:09	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**115**	mV	1	03/05/2024 10:09	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**875**	µS/cm	1	03/05/2024 10:09	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.6**	°C	1	03/05/2024 10:09	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.44**	mg/L	1	03/05/2024 10:09	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.68**		1	03/05/2024 10:09	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**486**	mg/L	1	03/06/2024 13:28	R344012
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/06/2024 13:28	R344012
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**586**	mg/L	1	03/06/2024 8:17	R344057
SW-846 9036 (TOTAL)									
Sulfate	NELAP	12	20		**48**	mg/L	2	03/06/2024 14:36	R344022
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.34**	mg/L	1	03/06/2024 15:21	R344013
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**27**	mg/L	1	03/06/2024 14:15	R344025
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**120**	mg/L	1	03/06/2024 16:24	219540
Magnesium	NELAP	0.0055	0.0500		**54.8**	mg/L	1	03/06/2024 16:24	219540
Potassium	NELAP	0.0400	0.100		**0.526**	mg/L	1	03/06/2024 16:24	219540
Sodium	NELAP	0.0180	0.0500		**42.8**	mg/L	1	03/06/2024 16:24	219540
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:41	219540
Arsenic	NELAP	0.0004	0.0010		**0.0012**	mg/L	5	03/07/2024 0:41	219540
Barium	NELAP	0.0007	0.0010		**0.0928**	mg/L	5	03/07/2024 0:41	219540
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:41	219540
Boron	NELAP	0.0092	0.0250		**2.15**	mg/L	5	03/07/2024 13:30	219540
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:41	219540
Chromium	NELAP	0.0007	0.0015	J	**0.0013**	mg/L	5	03/07/2024 13:30	219540
Cobalt	NELAP	0.0001	0.0010	J	**0.0006**	mg/L	5	03/07/2024 0:41	219540
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 13:30	219540
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	03/07/2024 13:30	219540
Molybdenum	NELAP	0.0006	0.0015	J	**0.0013**	mg/L	5	03/07/2024 13:30	219540
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 0:41	219540
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/07/2024 13:30	219540

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-017 **Client Sample ID:** MW-23

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 10:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00013	0.00020		**< 0.00020**	mg/L	1	03/06/2024 18:41	219560

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-018 **Client Sample ID:** MW-27

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 11:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**15.17**	ft	1	03/05/2024 11:35	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**45**	NTU	1	03/05/2024 11:35	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**60**	mV	1	03/05/2024 11:35	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1450**	µS/cm	1	03/05/2024 11:35	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.1**	°C	1	03/05/2024 11:35	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**6.27**	mg/L	1	03/05/2024 11:35	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.82**		1	03/05/2024 11:35	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**550**	mg/L	1	03/06/2024 13:35	R344012
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/06/2024 13:35	R344012
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**885**	mg/L	2.5	03/06/2024 8:18	R344057
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**311**	mg/L	10	03/06/2024 14:52	R344022
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.17**	mg/L	1	03/06/2024 15:32	R344013
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**17**	mg/L	1	03/06/2024 14:37	R344025
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**188**	mg/L	1	03/07/2024 14:31	219558
Magnesium	NELAP	0.0061	0.0500		**101**	mg/L	1	03/07/2024 14:31	219558
Potassium	NELAP	0.0400	0.100		**2.41**	mg/L	1	03/07/2024 14:31	219558
Sodium	NELAP	0.0180	0.0500		**46.7**	mg/L	1	03/07/2024 14:31	219558
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**0.0013**	mg/L	5	03/11/2024 18:39	219558
Arsenic	NELAP	0.0004	0.0010		**0.0114**	mg/L	5	03/09/2024 6:57	219558
Barium	NELAP	0.0007	0.0010		**0.201**	mg/L	5	03/11/2024 18:39	219558
Beryllium	NELAP	0.0002	0.0010	J	**0.0005**	mg/L	5	03/09/2024 6:57	219558
Boron	NELAP	0.0092	0.0250		**1.04**	mg/L	5	03/09/2024 6:57	219558
Cadmium	NELAP	0.0002	0.0010	J	**0.0002**	mg/L	5	03/09/2024 6:57	219558
Chromium	NELAP	0.0007	0.0015		**0.0246**	mg/L	5	03/11/2024 18:39	219558
Cobalt	NELAP	0.0001	0.0010		**0.0103**	mg/L	5	03/09/2024 6:57	219558
Lead	NELAP	0.0006	0.0010		**0.0116**	mg/L	5	03/09/2024 6:57	219558
Lithium	*	0.0015	0.0030		**0.0108**	mg/L	5	03/09/2024 6:57	219558
Molybdenum	NELAP	0.0006	0.0015		**0.0101**	mg/L	5	03/11/2024 18:39	219558
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/09/2024 6:57	219558
Thallium	NELAP	0.0010	0.0020	J	**0.0010**	mg/L	5	03/09/2024 6:57	219558

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-018 **Client Sample ID:** MW-27

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 11:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00013	0.00020		**< 0.00020**	mg/L	1	03/06/2024 18:43	219560

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-019 **Client Sample ID:** MW-28

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 11:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**6.04**	ft	1	03/06/2024 11:23	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**7.4**	NTU	1	03/06/2024 11:23	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-8**	mV	1	03/06/2024 11:23	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1750**	µS/cm	1	03/06/2024 11:23	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.4**	°C	1	03/06/2024 11:23	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.45**	mg/L	1	03/06/2024 11:23	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.74**		1	03/06/2024 11:23	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**420**	mg/L	1	03/07/2024 11:50	R344078
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/07/2024 11:50	R344078
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1600**	mg/L	1	03/07/2024 10:44	R344141
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		**771**	mg/L	20	03/07/2024 13:26	R344091
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.32**	mg/L	1	03/07/2024 12:57	R344072
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**12**	mg/L	1	03/07/2024 13:21	R344096
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**257**	mg/L	1	03/07/2024 10:13	219587
Magnesium	NELAP	0.0055	0.0500		**116**	mg/L	1	03/07/2024 10:13	219587
Potassium	NELAP	0.0400	0.100		**0.861**	mg/L	1	03/07/2024 10:13	219587
Sodium	NELAP	0.0180	0.0500		**111**	mg/L	1	03/07/2024 10:13	219587
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/11/2024 15:49	219587
Arsenic	NELAP	0.0004	0.0010	J	**0.0006**	mg/L	5	03/07/2024 13:36	219587
Barium	NELAP	0.0007	0.0010		**0.0257**	mg/L	5	03/11/2024 15:49	219587
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 13:36	219587
Boron	NELAP	0.0096	0.0250		**10.4**	mg/L	5	03/07/2024 13:36	219587
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 13:36	219587
Chromium	NELAP	0.0008	0.0015	J	**0.0009**	mg/L	5	03/07/2024 13:36	219587
Cobalt	NELAP	0.0001	0.0010	J	**0.0009**	mg/L	5	03/07/2024 13:36	219587
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 13:36	219587
Lithium	*	0.0015	0.0030		**0.0075**	mg/L	5	03/07/2024 13:36	219587
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	03/07/2024 13:36	219587
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 13:36	219587
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/07/2024 13:36	219587

LCS recovered outside upper control limits for Cd. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-019 **Client Sample ID:** MW-28

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 11:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	03/07/2024 11:56	219610

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-020 **Client Sample ID:** MW-30

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 10:53

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**24.26**	ft	1	03/06/2024 10:53	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**9.3**	NTU	1	03/06/2024 10:53	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**2**	mV	1	03/06/2024 10:53	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**951**	µS/cm	1	03/06/2024 10:53	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.2**	°C	1	03/06/2024 10:53	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.65**	mg/L	1	03/06/2024 10:53	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.66**		1	03/06/2024 10:53	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**546**	mg/L	1	03/07/2024 11:56	R344078
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/07/2024 11:56	R344078
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**615**	mg/L	2.5	03/07/2024 10:44	R344141
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10	JS	**9**	mg/L	1	03/07/2024 13:32	R344091
Matrix spike did not recover within control limits due to matrix interference.									
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.56**	mg/L	1	03/07/2024 12:54	R344072
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**42**	mg/L	1	03/07/2024 13:32	R344096
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**111**	mg/L	1	03/07/2024 10:14	219587
Magnesium	NELAP	0.0055	0.0500		**56.3**	mg/L	1	03/07/2024 10:14	219587
Potassium	NELAP	0.0400	0.100		**0.746**	mg/L	1	03/07/2024 10:14	219587
Sodium	NELAP	0.0180	0.0500		**47.9**	mg/L	1	03/07/2024 10:14	219587
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/11/2024 15:55	219587
Arsenic	NELAP	0.0004	0.0010		**0.0066**	mg/L	5	03/07/2024 13:43	219587
Barium	NELAP	0.0007	0.0010		**0.152**	mg/L	5	03/11/2024 15:55	219587
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 13:43	219587
Boron	NELAP	0.0096	0.0250		**1.68**	mg/L	5	03/07/2024 13:43	219587
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 13:43	219587
Chromium	NELAP	0.0008	0.0015	J	**0.0010**	mg/L	5	03/07/2024 13:43	219587
Cobalt	NELAP	0.0001	0.0010		**0.0040**	mg/L	5	03/07/2024 13:43	219587
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 13:43	219587
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	03/07/2024 13:43	219587
Molybdenum	NELAP	0.0006	0.0015		**0.0022**	mg/L	5	03/07/2024 13:43	219587
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 13:43	219587
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/07/2024 13:43	219587

LCS recovered outside upper control limits for Cd. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-020 **Client Sample ID:** MW-30

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 10:53

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	03/07/2024 11:58	219610

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-021 **Client Sample ID:** MW-31

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 11:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**29.65**	ft	1	03/06/2024 11:25	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**7.3**	NTU	1	03/06/2024 11:25	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-7**	mV	1	03/06/2024 11:25	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**957**	µS/cm	1	03/06/2024 11:25	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.1**	°C	1	03/06/2024 11:25	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.63**	mg/L	1	03/06/2024 11:25	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.76**		1	03/06/2024 11:25	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**567**	mg/L	1	03/07/2024 12:03	R344078
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/07/2024 12:03	R344078
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**680**	mg/L	2.5	03/07/2024 10:45	R344141
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10	J	**8**	mg/L	1	03/11/2024 11:09	R344209
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.39**	mg/L	1	03/07/2024 12:52	R344072
SW-846 9251 (TOTAL)									
Chloride	NELAP	2	20		**52**	mg/L	5	03/07/2024 14:07	R344096
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**129**	mg/L	1	03/07/2024 10:15	219587
Magnesium	NELAP	0.0055	0.0500		**60.4**	mg/L	1	03/07/2024 10:15	219587
Potassium	NELAP	0.0400	0.100		**0.818**	mg/L	1	03/07/2024 10:15	219587
Sodium	NELAP	0.0180	0.0500		**23.6**	mg/L	1	03/07/2024 10:15	219587
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/11/2024 16:01	219587
Arsenic	NELAP	0.0004	0.0010		**0.0032**	mg/L	5	03/07/2024 13:49	219587
Barium	NELAP	0.0007	0.0010		**0.187**	mg/L	5	03/11/2024 16:01	219587
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 13:49	219587
Boron	NELAP	0.0096	0.0250		**0.376**	mg/L	5	03/07/2024 13:49	219587
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 13:49	219587
Chromium	NELAP	0.0008	0.0015		**< 0.0015**	mg/L	5	03/07/2024 13:49	219587
Cobalt	NELAP	0.0001	0.0010		**0.0012**	mg/L	5	03/07/2024 13:49	219587
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 13:49	219587
Lithium	*	0.0015	0.0030		**0.0066**	mg/L	5	03/07/2024 13:49	219587
Molybdenum	NELAP	0.0006	0.0015	J	**0.0007**	mg/L	5	03/07/2024 13:49	219587
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 13:49	219587
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/07/2024 13:49	219587

LCS recovered outside upper control limits for Cd. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-021 **Client Sample ID:** MW-31

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 11:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	03/07/2024 12:01	219610

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-022 **Client Sample ID:** MW-31S

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 11:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**22.21**	ft	1	03/04/2024 11:55	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**17**	NTU	1	03/04/2024 11:55	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-27**	mV	1	03/04/2024 11:55	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1260**	µS/cm	1	03/04/2024 11:55	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**20.6**	°C	1	03/04/2024 11:55	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**2.23**	mg/L	1	03/04/2024 11:55	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.74**		1	03/04/2024 11:55	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**710**	mg/L	1	03/05/2024 10:48	R343925
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/05/2024 10:48	R343925
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**730**	mg/L	2.5	03/05/2024 10:11	R343990
SW-846 9036 (TOTAL)									
Sulfate	NELAP	12	20	J	**14**	mg/L	2	03/06/2024 11:11	R344022
Elevated reporting limit due to matrix interference.									
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.29**	mg/L	1	03/05/2024 10:32	R343920
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**15**	mg/L	1	03/05/2024 14:37	R343967
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**149**	mg/L	1	03/05/2024 15:11	219478
Magnesium	NELAP	0.0055	0.0500		**83.3**	mg/L	1	03/05/2024 15:11	219478
Potassium	NELAP	0.0400	0.100		**1.01**	mg/L	1	03/05/2024 15:11	219478
Sodium	NELAP	0.0180	0.0500		**19.6**	mg/L	1	03/05/2024 15:11	219478
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/06/2024 20:56	219478
Arsenic	NELAP	0.0004	0.0010		**0.0113**	mg/L	5	03/05/2024 23:08	219478
Barium	NELAP	0.0007	0.0010		**0.234**	mg/L	5	03/06/2024 20:56	219478
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/05/2024 23:08	219478
Boron	NELAP	0.0092	0.0250		**0.0451**	mg/L	5	03/06/2024 20:56	219478
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/05/2024 23:08	219478
Chromium	NELAP	0.0007	0.0015	J	**0.0012**	mg/L	5	03/05/2024 23:08	219478
Cobalt	NELAP	0.0001	0.0010		**0.0048**	mg/L	5	03/05/2024 23:08	219478
Lead	NELAP	0.0006	0.0010	J	**0.0008**	mg/L	5	03/05/2024 23:08	219478
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	03/06/2024 20:56	219478
Molybdenum	NELAP	0.0006	0.0015	J	**0.0007**	mg/L	5	03/06/2024 20:56	219478
Selenium	NELAP	0.0006	0.0010	J	**0.0007**	mg/L	5	03/05/2024 23:08	219478
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/07/2024 10:42	219478

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-022 **Client Sample ID:** MW-31S

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 11:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00013	0.00020		**< 0.00020**	mg/L	1	03/06/2024 18:45	219560

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-023 **Client Sample ID:** MW-32

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 11:53

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**22.66**	ft	1	03/06/2024 11:53	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**8.9**	NTU	1	03/06/2024 11:53	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**36**	mV	1	03/06/2024 11:53	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1270**	µS/cm	1	03/06/2024 11:53	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**13.1**	°C	1	03/06/2024 11:53	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.96**	mg/L	1	03/06/2024 11:53	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.59**		1	03/06/2024 11:53	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**506**	mg/L	1	03/07/2024 12:11	R344078
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/07/2024 12:11	R344078
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1020**	mg/L	1	03/07/2024 10:45	R344141
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**358**	mg/L	10	03/07/2024 14:19	R344091
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.40**	mg/L	1	03/07/2024 12:49	R344072
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**11**	mg/L	1	03/07/2024 14:15	R344096
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**166**	mg/L	1	03/07/2024 10:36	219587
Magnesium	NELAP	0.0055	0.0500		**85.6**	mg/L	1	03/07/2024 10:36	219587
Potassium	NELAP	0.0400	0.100		**0.410**	mg/L	1	03/07/2024 10:36	219587
Sodium	NELAP	0.0180	0.0500		**60.1**	mg/L	1	03/07/2024 10:36	219587
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/11/2024 16:07	219587
Arsenic	NELAP	0.0004	0.0010	J	**0.0007**	mg/L	5	03/07/2024 13:55	219587
Barium	NELAP	0.0007	0.0010		**0.0462**	mg/L	5	03/11/2024 16:07	219587
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 13:55	219587
Boron	NELAP	0.0096	0.0250		**2.33**	mg/L	5	03/07/2024 13:55	219587
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 13:55	219587
Chromium	NELAP	0.0008	0.0015	J	**0.0009**	mg/L	5	03/07/2024 13:55	219587
Cobalt	NELAP	0.0001	0.0010	J	**0.0008**	mg/L	5	03/07/2024 13:55	219587
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 13:55	219587
Lithium	*	0.0015	0.0030	J	**0.0019**	mg/L	5	03/07/2024 13:55	219587
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	03/07/2024 13:55	219587
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 13:55	219587
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/07/2024 13:55	219587

LCS recovered outside upper control limits for Cd. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-023 **Client Sample ID:** MW-32

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 11:53

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	03/07/2024 13:20	219610

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-025 **Client Sample ID:** PZ4!C

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 10:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**7.12**	ft	1	03/06/2024 10:04	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**6.8**	NTU	1	03/06/2024 10:04	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-12**	mV	1	03/06/2024 10:04	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**829**	µS/cm	1	03/06/2024 10:04	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**11.4**	°C	1	03/06/2024 10:04	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.48**	mg/L	1	03/06/2024 10:04	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.90**		1	03/06/2024 10:04	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**414**	mg/L	1	03/07/2024 12:25	R344078
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/07/2024 12:25	R344078
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**630**	mg/L	2.5	03/07/2024 11:00	R344141
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**77**	mg/L	5	03/11/2024 11:14	R344209
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.34**	mg/L	1	03/07/2024 13:02	R344072
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**34**	mg/L	1	03/07/2024 14:30	R344096
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	**113**	mg/L	1	03/07/2024 10:37	219587
Magnesium	NELAP	0.0055	0.0500		**43.8**	mg/L	1	03/07/2024 10:37	219587
Potassium	NELAP	0.0400	0.100		**1.20**	mg/L	1	03/07/2024 10:37	219587
Sodium	NELAP	0.0180	0.0500	S	**34.7**	mg/L	1	03/07/2024 10:37	219587
Matrix spike control limits are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**0.0027**	mg/L	5	03/11/2024 16:44	219587
Arsenic	NELAP	0.0004	0.0010		**0.0018**	mg/L	5	03/07/2024 14:14	219587
Barium	NELAP	0.0007	0.0010		**0.247**	mg/L	5	03/11/2024 16:44	219587
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 14:14	219587
Boron	NELAP	0.0092	0.0250		**1.48**	mg/L	5	03/13/2024 12:35	219755
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 14:14	219587
Chromium	NELAP	0.0008	0.0015	J	**0.0015**	mg/L	5	03/07/2024 14:14	219587
Cobalt	NELAP	0.0001	0.0010	J	**0.0002**	mg/L	5	03/07/2024 14:14	219587
Lead	NELAP	0.0006	0.0010	J	**0.0006**	mg/L	5	03/07/2024 14:14	219587
Lithium	*	0.0015	0.0030		**0.0099**	mg/L	5	03/07/2024 14:14	219587
Molybdenum	NELAP	0.0006	0.0015		**0.0017**	mg/L	5	03/07/2024 14:14	219587
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 14:14	219587
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/07/2024 14:14	219587
LCS recovered outside upper control limits for Cd. Sample results are below the reporting limit. Data is reportable per the TNI Standard.									

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-025 **Client Sample ID:** PZ4!C

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 10:04

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	03/07/2024 13:25	219610

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-026 **Client Sample ID:** XPW01_pore

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 12:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**24.34**	ft	1	03/05/2024 12:17	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**75**	NTU	1	03/05/2024 12:17	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**37**	mV	1	03/05/2024 12:17	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**616**	µS/cm	1	03/05/2024 12:17	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**18.4**	°C	1	03/05/2024 12:17	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.51**	mg/L	1	03/05/2024 12:17	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**7.54**		1	03/05/2024 12:17	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**151**	mg/L	1	03/06/2024 13:41	R344012
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/06/2024 13:41	R344012
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**240**	mg/L	1	03/06/2024 8:22	R344057
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**131**	mg/L	10	03/06/2024 15:14	R344022
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.58**	mg/L	1	03/06/2024 15:34	R344013
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**25**	mg/L	1	03/06/2024 14:45	R344025
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**48.3**	mg/L	1	03/07/2024 14:33	219558
Magnesium	NELAP	0.0061	0.0500		**30.0**	mg/L	1	03/07/2024 14:33	219558
Potassium	NELAP	0.0400	0.100		**5.32**	mg/L	1	03/07/2024 14:33	219558
Sodium	NELAP	0.0180	0.0500		**37.9**	mg/L	1	03/07/2024 14:33	219558
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	03/11/2024 18:45	219558
Arsenic	NELAP	0.0004	0.0010		**0.0013**	mg/L	5	03/09/2024 7:02	219558
Barium	NELAP	0.0007	0.0010		**0.0675**	mg/L	5	03/11/2024 18:45	219558
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/09/2024 7:02	219558
Boron	NELAP	0.0092	0.0250		**0.607**	mg/L	5	03/09/2024 7:02	219558
Cadmium	NELAP	0.0002	0.0010	J	**0.0003**	mg/L	5	03/09/2024 7:02	219558
Chromium	NELAP	0.0007	0.0015		**0.0020**	mg/L	5	03/11/2024 18:45	219558
Cobalt	NELAP	0.0001	0.0010	J	**0.0003**	mg/L	5	03/09/2024 7:02	219558
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/09/2024 7:02	219558
Lithium	*	0.0015	0.0030		**0.0112**	mg/L	5	03/09/2024 7:02	219558
Molybdenum	NELAP	0.0006	0.0015		**0.0059**	mg/L	5	03/11/2024 18:45	219558
Selenium	NELAP	0.0006	0.0010	J	**0.0007**	mg/L	5	03/09/2024 7:02	219558
Thallium	NELAP	0.0010	0.0020	J	**0.0010**	mg/L	5	03/09/2024 7:02	219558

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-026 **Client Sample ID:** XPW01_pore

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 12:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00013	0.00020		**< 0.00020**	mg/L	1	03/06/2024 18:48	219560

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-027 **Client Sample ID:** XPW02_pore

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 12:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**16.40**	ft	1	03/05/2024 12:58	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**25**	NTU	1	03/05/2024 12:58	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-61**	mV	1	03/05/2024 12:58	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1010**	µS/cm	1	03/05/2024 12:58	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.6**	°C	1	03/05/2024 12:58	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.26**	mg/L	1	03/05/2024 12:58	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.73**		1	03/05/2024 12:58	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**260**	mg/L	1	03/06/2024 13:47	R344012
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/06/2024 13:47	R344012
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**605**	mg/L	2.5	03/06/2024 8:22	R344057
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**285**	mg/L	10	03/06/2024 15:16	R344022
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.31**	mg/L	1	03/06/2024 15:36	R344013
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4	J	**2**	mg/L	1	03/07/2024 10:33	R344096
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**147**	mg/L	1	03/07/2024 14:35	219558
Magnesium	NELAP	0.0061	0.0500		**27.5**	mg/L	1	03/07/2024 14:35	219558
Potassium	NELAP	0.200	0.500		**17.0**	mg/L	5	03/08/2024 14:22	219558
Sodium	NELAP	0.0180	0.0500		**35.9**	mg/L	1	03/07/2024 14:35	219558
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	03/11/2024 18:51	219558
Arsenic	NELAP	0.0004	0.0010		**0.0060**	mg/L	5	03/09/2024 7:08	219558
Barium	NELAP	0.0007	0.0010		**0.0841**	mg/L	5	03/11/2024 18:51	219558
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/09/2024 7:08	219558
Boron	NELAP	0.0092	0.0250		**3.36**	mg/L	5	03/09/2024 7:08	219558
Cadmium	NELAP	0.0002	0.0010	J	**0.0003**	mg/L	5	03/09/2024 7:08	219558
Chromium	NELAP	0.0007	0.0015		**0.0029**	mg/L	5	03/11/2024 18:51	219558
Cobalt	NELAP	0.0001	0.0010		**0.0011**	mg/L	5	03/09/2024 7:08	219558
Lead	NELAP	0.0006	0.0010		**0.0013**	mg/L	5	03/09/2024 7:08	219558
Lithium	*	0.0015	0.0030		**0.0464**	mg/L	5	03/09/2024 7:08	219558
Molybdenum	NELAP	0.0006	0.0015		**0.0371**	mg/L	5	03/11/2024 18:51	219558
Selenium	NELAP	0.0006	0.0010		**0.0039**	mg/L	5	03/09/2024 7:08	219558
Thallium	NELAP	0.0010	0.0020	J	**0.0010**	mg/L	5	03/09/2024 7:08	219558

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-027 **Client Sample ID:** XPW02_pore

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 12:58

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	03/06/2024 18:54	219560

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-028 **Client Sample ID:** XPW03_pore

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**15.01**	ft	1	03/06/2024 10:19	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**340**	NTU	1	03/06/2024 10:19	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**22**	mV	1	03/06/2024 10:19	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2110**	µS/cm	1	03/06/2024 10:19	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.3**	°C	1	03/06/2024 10:19	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.27**	mg/L	1	03/06/2024 10:19	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**7.07**		1	03/06/2024 10:19	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**438**	mg/L	1	03/07/2024 12:32	R344078
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/07/2024 12:32	R344078
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	80	100		**1740**	mg/L	5	03/07/2024 11:10	R344141
SW-846 9036 (TOTAL)									
Sulfate	NELAP	307	500		**935**	mg/L	50	03/11/2024 11:17	R344209
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.97**	mg/L	1	03/07/2024 13:04	R344072
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4	J	**3**	mg/L	1	03/07/2024 14:52	R344096
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**153**	mg/L	1	03/07/2024 10:39	219587
Magnesium	NELAP	0.0055	0.0500		**58.7**	mg/L	1	03/07/2024 10:39	219587
Potassium	NELAP	0.200	0.500		**15.0**	mg/L	5	03/07/2024 16:22	219587
Sodium	NELAP	0.0180	0.0500		**345**	mg/L	1	03/07/2024 10:39	219587
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0008**	mg/L	5	03/11/2024 17:08	219587
Arsenic	NELAP	0.0004	0.0010		**0.0198**	mg/L	5	03/07/2024 14:07	219587
Barium	NELAP	0.0007	0.0010		**0.0479**	mg/L	5	03/11/2024 17:08	219587
Beryllium	NELAP	0.0002	0.0010	J	**0.0003**	mg/L	5	03/07/2024 14:07	219587
Boron	NELAP	0.0096	0.0250		**5.08**	mg/L	5	03/07/2024 14:07	219587
Cadmium	NELAP	0.0002	0.0010	J	**0.0008**	mg/L	5	03/07/2024 14:07	219587
Chromium	NELAP	0.0008	0.0015		**0.0064**	mg/L	5	03/07/2024 14:07	219587
Cobalt	NELAP	0.0001	0.0010		**0.0033**	mg/L	5	03/07/2024 14:07	219587
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 14:07	219587
Lithium	*	0.0015	0.0030		**0.0395**	mg/L	5	03/07/2024 14:07	219587
Molybdenum	NELAP	0.0006	0.0015		**0.0759**	mg/L	5	03/07/2024 14:07	219587
Selenium	NELAP	0.0006	0.0010		**0.0053**	mg/L	5	03/07/2024 14:07	219587
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/07/2024 14:07	219587

LCS recovered outside upper control limits for Cd. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-028 **Client Sample ID:** XPW03_pore

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	03/07/2024 13:27	219610

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-029 **Client Sample ID:** XPW04_pore

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 10:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**2.99**	ft	1	03/06/2024 10:48	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**9.1**	NTU	1	03/06/2024 10:48	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-95**	mV	1	03/06/2024 10:48	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**566**	µS/cm	1	03/06/2024 10:48	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**11.8**	°C	1	03/06/2024 10:48	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.47**	mg/L	1	03/06/2024 10:48	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.88**		1	03/06/2024 10:48	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**276**	mg/L	1	03/07/2024 12:39	R344078
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/07/2024 12:39	R344078
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	80	100		**320**	mg/L	5	03/07/2024 11:10	R344141
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**19**	mg/L	1	03/11/2024 11:22	R344209
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.34**	mg/L	1	03/07/2024 13:05	R344072
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**15**	mg/L	1	03/07/2024 15:00	R344096
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**51.6**	mg/L	1	03/07/2024 10:40	219587
Magnesium	NELAP	0.0055	0.0500		**22.1**	mg/L	1	03/07/2024 10:40	219587
Potassium	NELAP	0.0400	0.100		**4.95**	mg/L	1	03/07/2024 10:40	219587
Sodium	NELAP	0.0180	0.0500		**31.3**	mg/L	1	03/07/2024 10:40	219587
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	03/11/2024 17:14	219587
Arsenic	NELAP	0.0004	0.0010		**0.0040**	mg/L	5	03/07/2024 15:16	219587
Barium	NELAP	0.0007	0.0010		**0.127**	mg/L	5	03/11/2024 17:14	219587
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 15:16	219587
Boron	NELAP	0.0096	0.0250		**1.36**	mg/L	5	03/07/2024 15:16	219587
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 15:16	219587
Chromium	NELAP	0.0008	0.0015		**< 0.0015**	mg/L	5	03/07/2024 15:16	219587
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	03/07/2024 15:16	219587
Lead	NELAP	0.0006	0.0010	J	**0.0007**	mg/L	5	03/07/2024 15:16	219587
Lithium	*	0.0015	0.0030		**0.0211**	mg/L	5	03/07/2024 15:16	219587
Molybdenum	NELAP	0.0006	0.0015		**0.0064**	mg/L	5	03/07/2024 15:16	219587
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 15:16	219587
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/07/2024 15:16	219587

LCS recovered outside upper control limits for Cd. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-029 **Client Sample ID:** XPW04_pore

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 10:48

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	03/07/2024 13:35	219610

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-030 **Client Sample ID:** XSG-01

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 9:37

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**4.79**	ft	1	03/04/2024 9:37	R344088

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-031 **Client Sample ID:** YSG-02

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 10:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**13.03**	ft	1	03/04/2024 10:43	R344088

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-032 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 03/06/2024 12:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**1**	mg/L	1	03/07/2024 12:44	R344078
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/07/2024 12:44	R344078
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**< 20**	mg/L	1	03/07/2024 11:10	R344141
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	03/07/2024 15:10	R344091
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	03/07/2024 13:18	R344072
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	03/07/2024 15:11	R344096
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**< 0.100**	mg/L	1	03/07/2024 10:41	219587
Magnesium	NELAP	0.0055	0.0500		**< 0.0500**	mg/L	1	03/07/2024 10:41	219587
Potassium	NELAP	0.0400	0.100		**< 0.100**	mg/L	1	03/07/2024 10:41	219587
Sodium	NELAP	0.0180	0.0500		**< 0.0500**	mg/L	1	03/07/2024 10:41	219587
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/11/2024 17:20	219587
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/07/2024 15:22	219587
Barium	NELAP	0.0007	0.0010		**< 0.0010**	mg/L	5	03/11/2024 17:20	219587
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 15:22	219587
Boron	NELAP	0.0096	0.025	J	**0.010**	mg/L	5	03/07/2024 15:22	219587
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 15:22	219587
Chromium	NELAP	0.0008	0.0015		**< 0.0015**	mg/L	5	03/07/2024 15:22	219587
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	03/07/2024 15:22	219587
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 15:22	219587
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	03/07/2024 15:22	219587
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	03/07/2024 15:22	219587
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 15:22	219587
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/07/2024 15:22	219587

LCS recovered outside upper control limits for Cd. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

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

SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	03/07/2024 13:38	219610

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-033 **Client Sample ID:** MW-08 Duplicate

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 13:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**8.07**	ft	1	03/05/2024 13:48	R344088
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**5.9**	NTU	1	03/05/2024 13:48	R344088
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**49**	mV	1	03/05/2024 13:48	R344088
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1040**	µS/cm	1	03/05/2024 13:48	R344088
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**12.6**	°C	1	03/05/2024 13:48	R344088
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.11**	mg/L	1	03/05/2024 13:48	R344088
SW-846 9040B FIELD									
pH	*	0	1.00		**6.65**		1	03/05/2024 13:48	R344088
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**454**	mg/L	1	03/06/2024 13:52	R344012
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/06/2024 13:52	R344012
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**766**	mg/L	1	03/06/2024 8:36	R344057
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**221**	mg/L	10	03/06/2024 15:30	R344022
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.21**	mg/L	1	03/06/2024 15:38	R344013
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**23**	mg/L	1	03/06/2024 15:14	R344025
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	**156**	mg/L	1	03/07/2024 14:44	219558
Magnesium	NELAP	0.0061	0.0500		**71.7**	mg/L	1	03/07/2024 14:44	219558
Potassium	NELAP	0.0400	0.100		**0.564**	mg/L	1	03/07/2024 14:44	219558
Sodium	NELAP	0.0180	0.0500		**27.7**	mg/L	1	03/07/2024 14:44	219558
Matrix spike control limits are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/11/2024 18:57	219558
Arsenic	NELAP	0.0004	0.0010	J	**0.0006**	mg/L	5	03/11/2024 18:57	219558
Barium	NELAP	0.0007	0.0010		**0.0208**	mg/L	5	03/11/2024 18:57	219558
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/11/2024 18:57	219558
Boron	NELAP	0.0092	0.0250		**0.958**	mg/L	5	03/11/2024 18:57	219558
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/11/2024 18:57	219558
Chromium	NELAP	0.0007	0.0015	J	**0.0010**	mg/L	5	03/11/2024 18:57	219558
Cobalt	NELAP	0.0001	0.0010		**0.0012**	mg/L	5	03/11/2024 18:57	219558
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/11/2024 18:57	219558
Lithium	*	0.0015	0.0030	J	**0.0019**	mg/L	5	03/09/2024 7:25	219558
Molybdenum	NELAP	0.0006	0.0015	J	**0.0009**	mg/L	5	03/11/2024 18:57	219558
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/09/2024 7:25	219558
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/09/2024 7:25	219558

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-033 **Client Sample ID:** MW-08 Duplicate

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 13:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Matrix spike recovery is outside control limits due to sample dilution.									
CCV recovered outside the upper control limits for Zn. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00013	0.00020		**< 0.00020**	mg/L	1	03/06/2024 19:03	219560

Laboratory Results

Teklab, Inc.
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Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

Lab ID: 24021452-034 **Client Sample ID:** Equipment Blank 1

Matrix: AQUEOUS **Collection Date:** 03/06/2024 12:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**1**	mg/L	1	03/07/2024 12:47	R344078
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	03/07/2024 12:47	R344078
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**< 20**	mg/L	1	03/07/2024 11:10	R344141
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	03/07/2024 15:12	R344091
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	03/07/2024 13:16	R344072
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	03/07/2024 15:13	R344096
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**< 0.100**	mg/L	1	03/07/2024 10:42	219587
Magnesium	NELAP	0.0055	0.0500		**< 0.0500**	mg/L	1	03/07/2024 10:42	219587
Potassium	NELAP	0.0400	0.100		**< 0.100**	mg/L	1	03/07/2024 10:42	219587
Sodium	NELAP	0.018	0.050	J	**0.018**	mg/L	1	03/07/2024 10:42	219587
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/11/2024 17:26	219587
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	03/07/2024 15:28	219587
Barium	NELAP	0.0007	0.0010		**< 0.0010**	mg/L	5	03/11/2024 17:26	219587
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 15:28	219587
Boron	NELAP	0.0096	0.0250		**< 0.0250**	mg/L	5	03/07/2024 15:28	219587
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	03/07/2024 15:28	219587
Chromium	NELAP	0.0008	0.0015		**< 0.0015**	mg/L	5	03/07/2024 15:28	219587
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	03/07/2024 15:28	219587
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 15:28	219587
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	03/07/2024 15:28	219587
Molybdenum	NELAP	0.0006	0.0015		**< 0.0015**	mg/L	5	03/07/2024 15:28	219587
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	03/07/2024 15:28	219587
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	03/07/2024 15:28	219587

LCS recovered outside upper control limits for Cd. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

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

SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	03/07/2024 13:40	219610

Teklab, Inc. Environmental Laboratory

Sample Summary

Client: Ramboll
Client Project: KIN-24Q1

Work Order: 24021452
Report Date: 20-Mar-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24021452-001	MW-01	Groundwater	3	03/04/2024 14:26
24021452-002	MW-02	Groundwater	3	03/04/2024 12:30
24021452-003	MW-03	Groundwater	3	03/04/2024 13:00
24021452-005	MW-05	Groundwater	3	03/04/2024 14:46
24021452-006	MW-06	Groundwater	3	03/05/2024 11:24
24021452-007	MW-07	Groundwater	3	03/05/2024 13:26
24021452-008	MW-07S	Groundwater	2	03/04/2024 12:48
24021452-009	MW-08	Groundwater	3	03/05/2024 13:48
24021452-010	MW-08S	Groundwater	2	03/04/2024 13:48
24021452-013	MW-11	Groundwater	3	03/05/2024 9:32
24021452-014	MW-12	Groundwater	3	03/05/2024 12:57
24021452-015	MW-20	Groundwater	2	03/05/2024 10:48
24021452-016	MW-20S	Groundwater	2	03/04/2024 11:09
24021452-017	MW-23	Groundwater	2	03/05/2024 10:08
24021452-018	MW-27	Groundwater	2	03/05/2024 11:35
24021452-019	MW-28	Groundwater	2	03/06/2024 11:23
24021452-020	MW-30	Groundwater	2	03/06/2024 10:53
24021452-021	MW-31	Groundwater	2	03/06/2024 11:25
24021452-022	MW-31S	Groundwater	2	03/04/2024 11:55
24021452-023	MW-32	Groundwater	2	03/06/2024 11:53
24021452-025	PZ4!C	Groundwater	2	03/06/2024 10:04
24021452-026	XPW01_pore	Groundwater	2	03/05/2024 12:17
24021452-027	XPW02_pore	Groundwater	2	03/05/2024 12:58
24021452-028	XPW03_pore	Groundwater	2	03/06/2024 10:19
24021452-029	XPW04_pore	Groundwater	2	03/06/2024 10:48
24021452-030	XSG-01	Groundwater	1	03/04/2024 9:37
24021452-031	YSG-02	Groundwater	1	03/04/2024 10:43
24021452-032	Field Blank	Aqueous	3	03/06/2024 12:11
24021452-033	MW-08 Duplicate	Groundwater	3	03/05/2024 13:48
24021452-034	Equipment Blank 1	Aqueous	3	03/06/2024 12:14

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

STANDARD METHODS 2510 B FIELD

Batch R344088 **SampType:** LCS Units **µS/cm**
SampID: LCS-R344088-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	99.9	90	110	03/04/2024

Batch R344088 **SampType:** LCS Units **µS/cm**
SampID: LCS-R344088-2

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	03/05/2024

Batch R344088 **SampType:** LCS Units **µS/cm**
SampID: LCS-R344088-3

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	03/06/2024

Batch R344088 **SampType:** LCS Units **µS/cm**
SampID: LCS-R344088-4

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.4	90	110	03/04/2024

Batch R344088 **SampType:** LCS Units **µS/cm**
SampID: LCS-R344088-5

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.2	90	110	03/05/2024

Batch R344088 **SampType:** LCS Units **µS/cm**
SampID: LCS-R344088-6

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1420**	1412	0	100.4	90	110	03/06/2024

SW-846 9040B FIELD

Batch R344088 **SampType:** LCS Units
SampID: LCS-R344088-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.05**	7.000	0	100.7	98.57	101.4	03/04/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

SW-846 9040B FIELD

Batch R344088 **SampType:** LCS Units

SampID: LCS-R344088-2

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	03/05/2024

Batch R344088 **SampType:** LCS Units

SampID: LCS-R344088-3

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.07**	7.000	0	101.0	98.57	101.4	03/06/2024

Batch R344088 **SampType:** LCS Units

SampID: LCS-R344088-4

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	03/04/2024

Batch R344088 **SampType:** LCS Units

SampID: LCS-R344088-5

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.02**	7.000	0	100.3	98.57	101.4	03/05/2024

Batch R344088 **SampType:** LCS Units

SampID: LCS-R344088-6

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.01**	7.000	0	100.1	98.57	101.4	03/06/2024

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R343990 **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	03/05/2024

Batch R343990 **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		**950**	1000	0	95.0	90	110	03/05/2024

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Quality Control Results

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Client: Ramboll
Work Order: 24021452
Client Project: KIN-24Q1
Report Date: 20-Mar-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R343990 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24030143-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**240**				246.0	2.47	03/05/2024

Batch R344057 **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	03/06/2024

Batch R344057 **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		**936**	1000	0	93.6	90	110	03/06/2024

Batch R344057 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24021452-015ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**652**				674.0	3.32	03/06/2024

Batch R344057 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24030297-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**3020**				3045	0.99	03/06/2024

Batch R344057 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24030298-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**2220**				2190	1.45	03/06/2024

Batch R344141 **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	03/07/2024
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	03/07/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R344141 **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		**950**	1000	0	95.0	90	110	03/07/2024
Total Dissolved Solids		20		**966**	1000	0	96.6	90	110	03/07/2024

Batch R344141 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24021452-024ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**765**				750.0	1.98	03/07/2024

Batch R344178 **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	03/08/2024

Batch R344178 **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		**948**	1000	0	94.8	90	110	03/08/2024

Batch R344178 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24020001-047ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	**1050**				1008	4.46	03/08/2024

Batch R344178 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24030421-002ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**490**				460.0	6.32	03/08/2024

Batch R344178 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 24030547-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		50		**3490**				3655	4.62	03/08/2024

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Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch R343963 **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	03/05/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	03/05/2024

Batch R343963 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.32**	0.3045	0	105.1	90	110	03/05/2024
Nitrogen, Nitrite (as N)		0.05		**0.32**	0.3045	0	105.1	90	110	03/05/2024

Batch R343963 **SampType:** MS Units **mg/L**
SampID: 24021452-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.52**	0.5000	0	103.2	85	115	03/05/2024

Batch R343963 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021452-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	101.0	0.5160	2.15	03/05/2024

Batch R343963 **SampType:** MS Units **mg/L**
SampID: 24021452-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.50**	0.5000	0	101.0	85	115	03/05/2024

Batch R343963 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021452-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.52**	0.5000	0	103.6	0.5050	2.54	03/05/2024

Batch R343963 **SampType:** MS Units **mg/L**
SampID: 24030249-001AMS

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	105.4	85	115	03/05/2024

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Quality Control Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch R343963 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24030249-001AMSD

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	105.4	0.5270	0.00	03/05/2024

Batch R344017 **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	03/06/2024
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	03/06/2024

Batch R344017 **SampType:** LCS Units **mg/L**

SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.32**	0.3045	0	106.4	90	110	03/06/2024
Nitrogen, Nitrite (as N)		0.05		**0.32**	0.3045	0	106.4	90	110	03/06/2024

Batch R344017 **SampType:** MS Units **mg/L**

SampID: 24030316-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.47**	0.5000	0	94.4	85	115	03/06/2024

Batch R344017 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24030316-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.48**	0.5000	0	95.6	0.4720	1.26	03/06/2024

Batch R344017 **SampType:** MS Units **mg/L**

SampID: 24030336-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.51**	0.5000	0	102.2	85	115	03/06/2024

Batch R344017 **SampType:** MSD Units **mg/L** RPD Limit **10**

SampID: 24030336-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.51**	0.5000	0	101.8	0.5110	0.39	03/06/2024

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Quality Control Results

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Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch R344017 **SampType:** MS Units **mg/L**
SampID: 24030361-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.46**	0.5000	0.02900	86.2	85	115	03/06/2024

Batch R344017 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24030361-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.46**	0.5000	0.02900	86.4	0.4600	0.22	03/06/2024

Batch R344017 **SampType:** MS Units **mg/L**
SampID: 24030361-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.25	E	**3.96**	2.500	1.535	97.0	85	115	03/06/2024

Batch R344017 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24030361-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.25	E	**3.96**	2.500	1.535	97.0	3.960	0.00	03/06/2024

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

Batch R343933 **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**						03/05/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	03/05/2024

Batch R343933 **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		**0.511**	0.5000	0	102.2	90	110	03/05/2024

Batch R343933 **SampType:** MS Units **mg/L**
SampID: 24022012-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**1.96**	1.250	0.7050	100.4	90	110	03/05/2024

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Quality Control Results

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Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch R343933 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24022012-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		**1.98**	1.250	0.7050	101.6	1.960	0.76	03/05/2024

Batch R343933 **SampType:** MS Units **mg/L**
SampID: 24022134-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**6.96**	2.500	4.466	99.8	90	110	03/05/2024

Batch R343933 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24022134-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**6.83**	2.500	4.466	94.4	6.960	1.94	03/05/2024

Batch R343933 **SampType:** MS Units **mg/L**
SampID: 24030110-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**30.1**	12.50	17.98	96.7	90	110	03/05/2024

Batch R343933 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24030110-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**30.1**	12.50	17.98	96.6	30.06	0.01	03/05/2024

Batch R343996 **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**						03/06/2024
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	03/06/2024

Batch R343996 **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		**0.510**	0.5000	0	102.0	90	110	03/06/2024

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Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch R343996 **SampType:** MS Units **mg/L**
SampID: 24021452-009AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.283**	0.2500	0.05400	91.6	85	115	03/06/2024

Batch R343996 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021452-009AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.284**	0.2500	0.05400	92.0	0.2830	0.35	03/06/2024

Batch R343996 **SampType:** MS Units **mg/L**
SampID: 24030108-001JMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**28.5**	12.50	16.70	94.6	90	110	03/06/2024

Batch R343996 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24030108-001JMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		**28.4**	12.50	16.70	93.3	28.53	0.59	03/06/2024

Batch R343996 **SampType:** MS Units **mg/L**
SampID: 24030231-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**9.58**	5.000	4.948	92.7	90	110	03/06/2024

Batch R343996 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24030231-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**9.72**	5.000	4.948	95.5	9.583	1.44	03/06/2024

Batch R343996 **SampType:** MS Units **mg/L**
SampID: 24030236-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**3.93**	2.500	1.512	96.6	90	110	03/06/2024

Batch R343996 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24030236-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		**3.88**	2.500	1.512	94.6	3.926	1.26	03/06/2024

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Quality Control Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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Batch R343996 **SampType:** MS Units **mg/L**
SampID: 24030297-001DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500	S	**2.19**	2.500	0.09600	83.8	90	110	03/06/2024

Batch R343996 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24030297-001DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500	S	**2.12**	2.500	0.09600	80.9	2.191	3.39	03/06/2024

Batch R343996 **SampType:** MS Units **mg/L**
SampID: 24030316-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**19.8**	5.000	14.90	98.6	90	110	03/06/2024

Batch R343996 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24030316-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		**20.0**	5.000	14.90	101.0	19.83	0.60	03/06/2024

SW-846 9012A (TOTAL)

Batch 219527 **SampType:** MBLK Units **mg/L**
SampID: MBLK 240305 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**< 0.005**	0.0015	0	0	-100	100	03/06/2024

Batch 219527 **SampType:** LCS Units **mg/L**
SampID: LCS 240305 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	98.9	90	110	03/06/2024

Batch 219527 **SampType:** MS Units **µg/L**
SampID: 24030177-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		5.00		**25.8**	25.00	1.490	97.0	90	110	03/06/2024

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Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

SW-846 9012A (TOTAL)

Batch 219527 **SampType:** MSD Units µg/L RPD Limit 15

SampID: 24030177-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		5.00		**26.6**	25.00	1.490	100.2	25.75	3.06	03/06/2024

Batch 219580 **SampType:** MBLK Units mg/L

SampID: MBLK 240306 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**< 0.005**	0.0015	0	0	-100	100	03/07/2024

Batch 219580 **SampType:** LCS Units mg/L

SampID: LCS 240306 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.024**	0.0250	0	96.3	90	110	03/07/2024

Batch 219580 **SampType:** MS Units mg/L

SampID: 24030248-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005	S	**0.022**	0.0250	0	88.3	90	110	03/07/2024

Batch 219580 **SampType:** MSD Units mg/L RPD Limit 15

SampID: 24030248-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.023**	0.0250	0	92.4	0.02207	4.60	03/07/2024

Batch 219580 **SampType:** MS Units mg/L

SampID: 24030319-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	98.3	90	110	03/07/2024

Batch 219580 **SampType:** MSD Units mg/L RPD Limit 15

SampID: 24030319-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	103.4	0.02458	5.08	03/07/2024

Batch 219640 **SampType:** MBLK Units mg/L

SampID: MBLK 240307 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**< 0.005**	0.0015	0	0	-100	100	03/08/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

SW-846 9012A (TOTAL)

Batch 219640 **SampType:** LCS Units **mg/L**
SampID: LCS 240307 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.024**	0.0250	0	97.6	90	110	03/08/2024

Batch 219640 **SampType:** MS Units **mg/L**
SampID: 24030366-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	99.9	90	110	03/08/2024

Batch 219640 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24030366-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	100.1	0.02496	0.22	03/08/2024

Batch 219640 **SampType:** MS Units **mg/L**
SampID: 24030461-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.025		**0.128**	0.1250	0.01330	91.6	90	110	03/08/2024

Batch 219640 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24030461-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.025		**0.129**	0.1250	0.01330	92.5	0.1278	0.86	03/08/2024

SW-846 9036 (TOTAL)

Batch R343934 **SampType:** MBLK Units **mg/L**
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	03/05/2024

Batch R343934 **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		**20**	20.00	0	98.2	90	110	03/05/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24021452
Client Project: KIN-24Q1
Report Date: 20-Mar-24

SW-846 9036 (TOTAL)

Batch R343934 **SampType:** MS Units **mg/L**
SampID: 24021452-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**37**	20.00	19.81	87.9	85	115	03/05/2024

Batch R343934 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021452-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**38**	20.00	19.81	89.5	37.39	0.85	03/05/2024

Batch R343934 **SampType:** MS Units **mg/L**
SampID: 24030097-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**88**	40.00	49.36	96.1	85	115	03/05/2024

Batch R343934 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24030097-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**88**	40.00	49.36	97.4	87.81	0.58	03/05/2024

Batch R343934 **SampType:** MS Units **mg/L**
SampID: 24030108-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		1000		**4010**	2000	2086	96.4	90	110	03/05/2024

Batch R343934 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24030108-001CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		1000		**4000**	2000	2086	95.5	4014	0.47	03/05/2024

Batch R344022 **SampType:** MBLK Units **mg/L**
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	03/06/2024

Batch R344022 **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	97.5	90	110	03/06/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

SW-846 9036 (TOTAL)

Batch R344022 **SampType:** MS Units **mg/L**
SampID: 24021452-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**320**	200.0	143.5	88.3	85	115	03/06/2024

Batch R344022 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021452-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**323**	200.0	143.5	89.8	320.2	0.90	03/06/2024

Batch R344022 **SampType:** MS Units **mg/L**
SampID: 24021452-017AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		20		**85**	40.00	48.02	93.0	85	115	03/06/2024

Batch R344022 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021452-017AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		20		**86**	40.00	48.02	94.8	85.20	0.84	03/06/2024

Batch R344022 **SampType:** MS Units **mg/L**
SampID: 24030067-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**193**	100.0	98.68	94.4	85	115	03/06/2024

Batch R344022 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24030067-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**197**	100.0	98.68	98.2	193.1	1.98	03/06/2024

Batch R344022 **SampType:** MS Units **mg/L**
SampID: 24030297-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		500		**2120**	1000	1213	90.7	90	110	03/06/2024

Batch R344022 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24030297-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		500	S	**2090**	1000	1213	87.5	2120	1.50	03/06/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

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Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

SW-846 9036 (TOTAL)

Batch R344091 **SampType:** MBLK Units **mg/L**
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	03/07/2024

Batch R344091 **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	96.2	90	110	03/07/2024

Batch R344091 **SampType:** MS Units **mg/L**
SampID: 24021452-020AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10	S	**20**	20.00	8.560	58.7	85	115	03/07/2024

Batch R344091 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24021452-020AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10	S	**20**	20.00	8.560	57.6	20.30	1.04	03/07/2024

Batch R344091 **SampType:** MS Units **mg/L**
SampID: 24030421-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50	S	**156**	100.0	75.26	80.9	90	110	03/07/2024

Batch R344091 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24030421-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**166**	100.0	75.26	90.4	156.2	5.87	03/07/2024

Batch R344091 **SampType:** MS Units **mg/L**
SampID: 24030421-007AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50	S	**150**	100.0	62.72	87.6	90	110	03/07/2024

Batch R344091 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24030421-007AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50	S	**153**	100.0	62.72	89.9	150.3	1.51	03/07/2024

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Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

SW-846 9036 (TOTAL)

Batch R344209 **SampType:** MBLK Units **mg/L**
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	03/11/2024

Batch R344209 **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	97.0	90	110	03/11/2024

Batch R344209 **SampType:** MS Units **mg/L**
SampID: 24030670-006BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50	S	**151**	100.0	66.53	84.9	90	110	03/11/2024

Batch R344209 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24030670-006BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50	S	**154**	100.0	66.53	87.9	151.5	1.95	03/11/2024

Batch R344209 **SampType:** MS Units **mg/L**
SampID: 24030674-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100	S	**352**	200.0	174.9	88.6	90	110	03/11/2024

Batch R344209 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 24030674-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**355**	200.0	174.9	90.1	352.2	0.84	03/11/2024

SW-846 9214 (TOTAL)

Batch R343920 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**< 0.10**	0.0500	0	0	-100	100	03/05/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24021452
Client Project: KIN-24Q1
Report Date: 20-Mar-24

SW-846 9214 (TOTAL)

Batch R343920 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**0.92**	1.000	0	91.8	90	110	03/05/2024

Batch R343920 **SampType:** MS Units **mg/L**
SampID: 24021452-022AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.44**	2.000	0.2940	107.4	75	125	03/05/2024

Batch R343920 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021452-022AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.28**	2.000	0.2940	99.5	2.441	6.65	03/05/2024

Batch R343920 **SampType:** MS Units **mg/L**
SampID: 24030152-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.86**	2.000	0.8110	102.4	75	125	03/05/2024

Batch R343920 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24030152-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.98**	2.000	0.8110	108.4	2.858	4.18	03/05/2024

Batch R344013 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**< 0.10**	0.0500	0	0	-100	100	03/06/2024

Batch R344013 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**0.97**	1.000	0	97.0	90	110	03/06/2024

Batch R344013 **SampType:** MS Units **mg/L**
SampID: 24021452-011AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.07**	2.000	0.1400	96.5	75	125	03/06/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

SW-846 9214 (TOTAL)

Batch R344013 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021452-011AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.04**	2.000	0.1400	94.9	2.070	1.56	03/06/2024

Batch R344013 **SampType:** MS Units **mg/L**
SampID: 24021452-017AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.28**	2.000	0.3410	96.8	75	125	03/06/2024

Batch R344013 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021452-017AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.36**	2.000	0.3410	100.8	2.276	3.50	03/06/2024

Batch R344013 **SampType:** MS Units **mg/L**
SampID: 24030297-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.36**	2.000	0.3470	100.8	75	125	03/06/2024

Batch R344013 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24030297-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.25**	2.000	0.3470	95.0	2.364	5.07	03/06/2024

Batch R344072 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**< 0.10**	0.0500	0	0	-100	100	03/07/2024

Batch R344072 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**0.94**	1.000	0	94.4	90	110	03/07/2024

Batch R344072 **SampType:** MS Units **mg/L**
SampID: 24021452-029AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.32**	2.000	0.3410	99.2	75	125	03/07/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

SW-846 9214 (TOTAL)

Batch R344072 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021452-029AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.31**	2.000	0.3410	98.6	2.324	0.52	03/07/2024

Batch R344072 **SampType:** MS Units **mg/L**
SampID: 24021452-032AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**1.91**	2.000	0	95.5	75	125	03/07/2024

Batch R344072 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021452-032AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**1.89**	2.000	0	94.5	1.910	1.05	03/07/2024

Batch R344072 **SampType:** MS Units **mg/L**
SampID: 24030433-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.29**	2.000	0.3070	99.2	75	125	03/07/2024

Batch R344072 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24030433-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.27**	2.000	0.3070	98.0	2.292	1.10	03/07/2024

SW-846 9251 (TOTAL)

Batch R343967 **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	03/05/2024

Batch R343967 **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	101.6	90	110	03/05/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 24021452
Client Project: KIN-24Q1
Report Date: 20-Mar-24

SW-846 9251 (TOTAL)

Batch R343967 **SampType:** MS Units **mg/L**
SampID: 24021452-004AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**49**	20.00	30.72	89.4	85	115	03/05/2024

Batch R343967 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021452-004AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**49**	20.00	30.72	89.7	48.61	0.08	03/05/2024

Batch R343967 **SampType:** MS Units **mg/L**
SampID: 24030097-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**37**	20.00	19.35	90.7	85	115	03/05/2024

Batch R343967 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24030097-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**38**	20.00	19.35	91.4	37.48	0.37	03/05/2024

Batch R344025 **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	03/06/2024

Batch R344025 **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	102.4	90	110	03/06/2024

Batch R344025 **SampType:** MS Units **mg/L**
SampID: 24021452-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**23**	20.00	2.940	98.0	85	115	03/06/2024

Batch R344025 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021452-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**22**	20.00	2.940	96.9	22.54	0.98	03/06/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

SW-846 9251 (TOTAL)

Batch R344025 **SampType:** MS Units **mg/L**
SampID: 24021452-017AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**44**	20.00	26.60	89.1	85	115	03/06/2024

Batch R344025 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021452-017AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**44**	20.00	26.60	89.4	44.41	0.14	03/06/2024

Batch R344025 **SampType:** MS Units **mg/L**
SampID: 24030297-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		200		**1710**	1000	786.6	92.5	85	115	03/06/2024

Batch R344025 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24030297-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		200		**1680**	1000	786.6	89.2	1711	1.93	03/06/2024

Batch R344096 **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	03/07/2024

Batch R344096 **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	101.7	90	110	03/07/2024

Batch R344096 **SampType:** MS Units **mg/L**
SampID: 24021452-020AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**60**	20.00	42.24	91.2	85	115	03/07/2024

Batch R344096 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021452-020AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**60**	20.00	42.24	89.2	60.47	0.65	03/07/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

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Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

SW-846 9251 (TOTAL)

Batch R344096 **SampType:** MS Units **mg/L**
SampID: 24030421-007AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		20		**223**	100.0	131.5	91.6	85	115	03/07/2024

Batch R344096 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24030421-007AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		20		**220**	100.0	131.5	88.8	223.0	1.24	03/07/2024

Batch R344214 **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	03/11/2024

Batch R344214 **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	102.1	90	110	03/11/2024

Batch R344214 **SampType:** MS Units **mg/L**
SampID: 24030421-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**291**	200.0	108.3	91.5	85	115	03/11/2024

Batch R344214 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24030421-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**287**	200.0	108.3	89.4	291.2	1.40	03/11/2024

Batch R344214 **SampType:** MS Units **mg/L**
SampID: 24030425-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		80		**597**	400.0	238.0	89.7	85	115	03/11/2024

Batch R344214 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24030425-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		80		**594**	400.0	238.0	89.0	596.9	0.50	03/11/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

SW-846 9251 (TOTAL)

Batch R344214 **SampType:** MS Units **mg/L**
SampID: 24030657-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**39**	20.00	21.65	87.3	85	115	03/11/2024

Batch R344214 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24030657-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**39**	20.00	21.65	88.6	39.11	0.69	03/11/2024

Batch R344214 **SampType:** MS Units **mg/L**
SampID: 24030674-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		40		**480**	200.0	307.1	86.5	85	115	03/11/2024

Batch R344214 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24030674-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		40		**477**	200.0	307.1	85.2	480.1	0.55	03/11/2024

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

Batch 219478 **SampType:** MBLK Units **mg/L**
SampID: MBLK-219478

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	03/05/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	03/05/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	03/05/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	03/05/2024

Batch 219478 **SampType:** LCS Units **mg/L**
SampID: LCS-219478

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.38**	2.500	0	95.2	85	115	03/05/2024
Magnesium		0.0500		**2.31**	2.500	0	92.4	85	115	03/05/2024
Potassium		0.100		**2.55**	2.500	0	102.1	85	115	03/05/2024
Sodium		0.0500		**2.51**	2.500	0	100.2	85	115	03/05/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

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Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch 219478 **SampType:** MS Units **mg/L**
SampID: 24021452-008BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**171**	2.500	171.9	-22.0	75	125	03/05/2024
Magnesium		0.0500	S	**71.7**	2.500	70.26	56.1	75	125	03/05/2024
Potassium		0.100		**4.85**	2.500	2.274	103.2	75	125	03/05/2024
Sodium		0.0500	S	**95.5**	2.500	93.91	63.6	75	125	03/05/2024

Batch 219478 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24021452-008BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**177**	2.500	171.9	189.6	171.4	3.04	03/05/2024
Magnesium		0.0500	S	**73.9**	2.500	70.26	143.8	71.66	3.02	03/05/2024
Potassium		0.100		**4.86**	2.500	2.274	103.5	4.854	0.15	03/05/2024
Sodium		0.0500	S	**98.3**	2.500	93.91	177.2	95.50	2.93	03/05/2024

Batch 219540 **SampType:** MBLK Units **mg/L**
SampID: MBLK-219540

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	03/06/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	03/06/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	03/06/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	03/06/2024

Batch 219540 **SampType:** LCS Units **mg/L**
SampID: LCS-219540

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.67**	2.500	0	106.7	85	115	03/06/2024
Magnesium		0.0500		**2.56**	2.500	0	102.6	85	115	03/06/2024
Potassium		0.100		**2.54**	2.500	0	101.4	85	115	03/06/2024
Sodium		0.0500		**2.60**	2.500	0	104.1	85	115	03/06/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

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Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch 219558 **SampType:** MBLK Units **mg/L**

SampID: MBLK-219558

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	03/07/2024
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	03/07/2024
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	03/07/2024
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	03/07/2024
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	03/07/2024
Cadmium		0.0020	J	**0.0005**	0.0005	0	100.0	-100	100	03/07/2024
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	03/07/2024
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	03/07/2024
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	03/07/2024
Copper		0.0050		**< 0.0050**	0.0013	0	0	-100	100	03/07/2024
Iron		0.0400		**< 0.0400**	0.0200	0	0	-100	100	03/07/2024
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	03/07/2024
Lithium		0.0050		**< 0.0050**	0.0019	0	0	-100	100	03/07/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	03/07/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	03/07/2024
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	03/07/2024
Nickel		0.0050		**< 0.0050**	0.0016	0	0	-100	100	03/07/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	03/07/2024
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	03/07/2024
Silver		0.0070		**< 0.0070**	0.0027	0	0	-100	100	03/07/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	03/07/2024
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	03/07/2024
Vanadium		0.0100		**< 0.0100**	0.0009	0	0	-100	100	03/07/2024
Zinc		0.0100		**< 0.0100**	0.0050	0	0	-100	100	03/07/2024

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Quality Control Results

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Client: Ramboll
Work Order: 24021452
Client Project: KIN-24Q1
Report Date: 20-Mar-24

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

Batch 219558 **SampType:** LCS Units **mg/L**
SampID: LCS-219558

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0500		**0.506**	0.5000	0	101.2	85	115	03/07/2024
Arsenic		0.0250		**0.528**	0.5000	0	105.6	85	115	03/07/2024
Barium		0.0025		**1.96**	2.000	0	98.0	85	115	03/07/2024
Beryllium		0.0005		**0.0523**	0.0500	0	104.6	85	115	03/07/2024
Boron		0.0200		**0.497**	0.5000	0	99.4	85	115	03/07/2024
Cadmium		0.0020		**0.0486**	0.0500	0	97.2	85	115	03/07/2024
Calcium		0.100		**2.58**	2.500	0	103.1	85	115	03/07/2024
Chromium		0.0050		**0.198**	0.2000	0	98.8	85	115	03/07/2024
Cobalt		0.0050		**0.510**	0.5000	0	102.0	85	115	03/07/2024
Copper		0.0050		**0.266**	0.2500	0	106.3	85	115	03/07/2024
Iron		0.0400		**2.08**	2.000	0	104.0	85	115	03/07/2024
Lead		0.0150		**0.500**	0.5000	0	100.1	85	115	03/07/2024
Lithium		0.0050		**0.516**	0.5000	0	103.2	85	115	03/07/2024
Magnesium		0.0500		**2.42**	2.500	0	96.9	85	115	03/07/2024
Manganese		0.0070		**0.510**	0.5000	0	102.0	85	115	03/07/2024
Molybdenum		0.0100		**0.490**	0.5000	0	98.1	85	115	03/07/2024
Nickel		0.0050		**0.504**	0.5000	0	100.8	85	115	03/07/2024
Potassium		0.100		**2.59**	2.500	0	103.8	85	115	03/07/2024
Selenium		0.0400		**0.513**	0.5000	0	102.6	85	115	03/07/2024
Silver		0.0070		**0.0483**	0.0500	0	96.6	85	115	03/07/2024
Sodium		0.0500		**2.57**	2.500	0	102.9	85	115	03/07/2024
Thallium		0.0500		**0.252**	0.2500	0	100.8	85	115	03/07/2024
Vanadium		0.0100		**0.497**	0.5000	0	99.4	85	115	03/07/2024
Zinc		0.0100		**0.501**	0.5000	0	100.1	85	115	03/07/2024

Batch 219558 **SampType:** MS Units **mg/L**
SampID: 24021452-033BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**160**	2.500	156.2	158.8	75	125	03/07/2024
Magnesium		0.0500		**74.7**	2.500	71.68	121.9	75	125	03/07/2024
Potassium		0.100		**3.30**	2.500	0.5643	109.4	75	125	03/07/2024
Sodium		0.0500		**30.3**	2.500	27.72	104.4	75	125	03/07/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

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Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch 219558 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24021452-033BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**157**	2.500	156.2	52.4	160.1	1.68	03/07/2024
Magnesium		0.0500		**73.7**	2.500	71.68	81.2	74.73	1.37	03/07/2024
Potassium		0.100		**3.26**	2.500	0.5643	107.8	3.300	1.23	03/07/2024
Sodium		0.0500		**29.8**	2.500	27.72	84.0	30.33	1.70	03/07/2024

Batch 219587 **SampType:** MBLK Units **mg/L**

SampID: MBLK-219587

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	03/07/2024
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	03/07/2024
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	03/07/2024
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	03/07/2024
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	03/07/2024

Batch 219587 **SampType:** LCS Units **mg/L**

SampID: LCS-219587

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.62**	2.500	0	104.8	85	115	03/07/2024
Magnesium		0.0500		**2.40**	2.500	0	95.8	85	115	03/07/2024
Manganese		0.0070		**0.523**	0.5000	0	104.6	85	115	03/07/2024
Potassium		0.100		**2.74**	2.500	0	109.6	85	115	03/07/2024
Sodium		0.0500		**2.64**	2.500	0	105.5	85	115	03/07/2024

Batch 219587 **SampType:** MS Units **mg/L**

SampID: 24021452-025BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**117**	2.500	112.7	159.2	75	125	03/07/2024
Magnesium		0.0500		**46.7**	2.500	43.80	115.5	75	125	03/07/2024
Potassium		0.100		**3.91**	2.500	1.202	108.2	75	125	03/07/2024
Sodium		0.0500	S	**38.0**	2.500	34.74	129.2	75	125	03/07/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

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Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch 219587 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24021452-025BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**116**	2.500	112.7	127.6	116.7	0.68	03/07/2024
Magnesium		0.0500		**46.3**	2.500	43.80	100.6	46.69	0.80	03/07/2024
Potassium		0.100		**3.87**	2.500	1.202	106.8	3.908	0.94	03/07/2024
Sodium		0.0500		**37.3**	2.500	34.74	104.0	37.97	1.67	03/07/2024

Batch 219587 **SampType:** MS Units **mg/L**

SampID: 24030380-003CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Manganese		0.0070		**0.726**	0.5000	0.2217	100.8	75	125	03/07/2024

Batch 219587 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24030380-003CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Manganese		0.0070		**0.728**	0.5000	0.2217	101.3	0.7255	0.37	03/07/2024

Teklab, Inc.
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Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch 219478 **SampType:** MBLK Units **mg/L**

SampID: MBLK-219478

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	03/06/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	03/05/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	03/06/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	03/05/2024
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	03/06/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	03/05/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	03/05/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	03/05/2024
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	03/05/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	03/06/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	03/05/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	03/05/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	03/05/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	03/06/2024
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	03/05/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	03/05/2024
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	03/06/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	03/05/2024
Vanadium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	03/06/2024
Zinc		0.0150		**< 0.0150**	0.0059	0	0	-100	100	03/06/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch 219478 **SampType:** LCS Units **mg/L**

SampID: LCS-219478

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.552**	0.5000	0	110.5	80	120	03/06/2024
Arsenic		0.0010		**0.495**	0.5000	0	99.0	80	120	03/05/2024
Barium		0.0010		**1.99**	2.000	0	99.6	80	120	03/06/2024
Beryllium		0.0010		**0.0494**	0.0500	0	98.8	80	120	03/05/2024
Boron		0.0250		**0.486**	0.5000	0	97.3	80	120	03/06/2024
Cadmium		0.0010		**0.0471**	0.0500	0	94.2	80	120	03/05/2024
Chromium		0.0015		**0.180**	0.2000	0	90.2	80	120	03/05/2024
Cobalt		0.0010		**0.465**	0.5000	0	93.0	80	120	03/05/2024
Copper		0.0010		**0.236**	0.2500	0	94.6	80	120	03/05/2024
Iron		0.0250		**2.08**	2.000	0	104.1	80	120	03/06/2024
Lead		0.0010		**0.504**	0.5000	0	100.7	80	120	03/05/2024
Lithium	*	0.0030		**0.500**	0.5000	0	100.0	80	120	03/06/2024
Manganese		0.0020		**0.459**	0.5000	0	91.8	80	120	03/05/2024
Molybdenum		0.0015		**0.512**	0.5000	0	102.4	80	120	03/06/2024
Nickel		0.0010		**0.460**	0.5000	0	92.0	80	120	03/05/2024
Selenium		0.0010		**0.477**	0.5000	0	95.4	80	120	03/05/2024
Silver		0.0010		**0.0527**	0.0500	0	105.4	80	120	03/06/2024
Thallium		0.0020		**0.201**	0.2500	0	80.4	80	120	03/05/2024
Vanadium		0.0050		**0.497**	0.5000	0	99.4	80	120	03/06/2024
Zinc		0.0150		**0.509**	0.5000	0	101.8	80	120	03/06/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch 219478 **SampType:** MS Units **mg/L**

SampID: 24021452-008BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.581**	0.5000	0	116.3	75	125	03/06/2024
Arsenic		0.0010		**0.519**	0.5000	0.006877	102.4	75	125	03/06/2024
Barium		0.0010		**2.09**	2.000	0.03896	102.7	75	125	03/06/2024
Beryllium		0.0010		**0.0519**	0.0500	0	103.8	75	125	03/06/2024
Boron		0.0250		**4.97**	0.5000	4.414	111.5	75	125	03/06/2024
Cadmium		0.0010		**0.0524**	0.0500	0	104.7	75	125	03/06/2024
Chromium		0.0015		**0.206**	0.2000	0.002549	101.9	75	125	03/06/2024
Cobalt		0.0010		**0.475**	0.5000	0.0007634	94.9	75	125	03/06/2024
Lead		0.0010		**0.513**	0.5000	0	102.6	75	125	03/06/2024
Lithium	*	0.0030		**0.502**	0.5000	0	100.4	75	125	03/06/2024
Molybdenum		0.0015		**0.517**	0.5000	0.001366	103.1	75	125	03/06/2024
Selenium		0.0010		**0.496**	0.5000	0	99.2	75	125	03/06/2024
Thallium		0.0020		**0.249**	0.2500	0	99.4	75	125	03/07/2024

Batch 219478 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24021452-008BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.536**	0.5000	0	107.2	0.5813	8.08	03/06/2024
Arsenic		0.0010		**0.500**	0.5000	0.006877	98.7	0.5188	3.63	03/06/2024
Barium		0.0010		**1.96**	2.000	0.03896	95.9	2.093	6.67	03/06/2024
Beryllium		0.0010		**0.0486**	0.0500	0	97.3	0.05188	6.44	03/06/2024
Boron		0.0250		**4.84**	0.5000	4.414	85.2	4.971	2.68	03/06/2024
Cadmium		0.0010		**0.0471**	0.0500	0	94.3	0.05237	10.54	03/06/2024
Chromium		0.0015		**0.189**	0.2000	0.002549	93.4	0.2064	8.59	03/06/2024
Cobalt		0.0010		**0.460**	0.5000	0.0007634	91.9	0.4752	3.23	03/06/2024
Lead		0.0010		**0.469**	0.5000	0	93.9	0.5132	8.92	03/06/2024
Lithium	*	0.0030		**0.473**	0.5000	0	94.6	0.5019	5.92	03/06/2024
Molybdenum		0.0015		**0.494**	0.5000	0.001366	98.6	0.5169	4.48	03/06/2024
Selenium		0.0010		**0.478**	0.5000	0	95.5	0.4962	3.81	03/06/2024
Thallium		0.0020		**0.239**	0.2500	0	95.8	0.2485	3.74	03/07/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch 219540 **SampType:** MBLK Units **mg/L**

SampID: MBLK-219540

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	03/06/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	03/06/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	03/06/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	03/06/2024
Boron	*	0.0250		**< 0.0250**	0.0093	0	0	-100	100	03/06/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	03/06/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	03/07/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	03/06/2024
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	03/07/2024
Iron	*	0.0250		**< 0.0250**	0.0115	0	0	-100	100	03/06/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	03/07/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	03/06/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	03/06/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	03/06/2024
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	03/07/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	03/06/2024
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	03/06/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	03/07/2024
Vanadium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	03/06/2024
Zinc		0.0150		**< 0.0150**	0.0059	0	0	-100	100	03/07/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch 219540 **SampType:** LCS Units **mg/L**

SampID: LCS-219540

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.546**	0.5000	0	109.3	85	115	03/06/2024
Arsenic		0.0010		**0.489**	0.5000	0	97.8	85	115	03/06/2024
Barium		0.0010		**1.97**	2.000	0	98.7	85	115	03/06/2024
Beryllium		0.0010		**0.0493**	0.0500	0	98.6	85	115	03/06/2024
Boron		0.0250		**0.482**	0.5000	0	96.4	80	120	03/07/2024
Cadmium		0.0010		**0.0498**	0.0500	0	99.7	85	115	03/06/2024
Chromium		0.0015		**0.201**	0.2000	0	100.7	80	120	03/07/2024
Cobalt		0.0010		**0.490**	0.5000	0	98.1	85	115	03/06/2024
Copper		0.0010		**0.255**	0.2500	0	102.0	80	120	03/07/2024
Iron		0.0250		**1.98**	2.000	0	98.8	80	120	03/07/2024
Lead		0.0010		**0.507**	0.5000	0	101.4	80	120	03/07/2024
Lithium	*	0.0030		**0.493**	0.5000	0	98.7	80	120	03/07/2024
Manganese		0.0020		**0.496**	0.5000	0	99.1	85	115	03/06/2024
Molybdenum		0.0015		**0.458**	0.5000	0	91.6	80	120	03/07/2024
Nickel		0.0010		**0.499**	0.5000	0	99.8	80	120	03/07/2024
Selenium		0.0010		**0.480**	0.5000	0	96.0	85	115	03/06/2024
Silver		0.0010		**0.0522**	0.0500	0	104.3	85	115	03/06/2024
Thallium		0.0020		**0.236**	0.2500	0	94.5	80	120	03/07/2024
Vanadium		0.0050		**0.485**	0.5000	0	97.0	85	115	03/06/2024
Zinc		0.0150		**0.538**	0.5000	0	107.6	80	120	03/07/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch 219540 **SampType:** MS Units **mg/L**

SampID: 24021452-012BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.570**	0.5000	0	114.0	75	125	03/07/2024
Arsenic		0.0010		**0.508**	0.5000	0.0007511	101.5	75	125	03/07/2024
Barium		0.0010		**2.06**	2.000	0.03619	101.2	75	125	03/07/2024
Beryllium		0.0010		**0.0535**	0.0500	0	107.0	75	125	03/07/2024
Boron		0.0250		**1.56**	0.5000	1.028	107.2	75	125	03/07/2024
Cadmium		0.0010		**0.0511**	0.0500	0	102.3	75	125	03/07/2024
Chromium		0.0015		**0.196**	0.2000	0.003414	96.3	75	125	03/07/2024
Cobalt		0.0010		**0.481**	0.5000	0.0007586	96.1	75	125	03/07/2024
Copper		0.0010		**0.244**	0.2500	0.003011	96.3	75	125	03/07/2024
Iron		0.0250		**3.64**	2.000	1.647	99.5	75	125	03/07/2024
Lead		0.0010		**0.493**	0.5000	0.001553	98.4	75	125	03/07/2024
Manganese		0.0020		**0.523**	0.5000	0.02617	99.4	75	125	03/07/2024
Nickel		0.0010		**0.484**	0.5000	0.002237	96.3	75	125	03/07/2024
Selenium		0.0010		**0.526**	0.5000	0.02564	100.1	75	125	03/07/2024
Silver		0.0010		**0.0515**	0.0500	0	102.9	75	125	03/07/2024
Thallium		0.0020		**0.247**	0.2500	0	98.7	75	125	03/07/2024
Vanadium		0.0050		**0.502**	0.5000	0.004019	99.5	75	125	03/07/2024
Zinc		0.0150		**0.533**	0.5000	0.006907	105.3	75	125	03/07/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch 219540 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24021452-012BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.558**	0.5000	0	111.5	0.5700	2.21	03/07/2024
Arsenic		0.0010		**0.508**	0.5000	0.0007511	101.4	0.5080	0.10	03/07/2024
Barium		0.0010		**2.01**	2.000	0.03619	98.9	2.061	2.25	03/07/2024
Beryllium		0.0010		**0.0527**	0.0500	0	105.3	0.05349	1.56	03/07/2024
Boron		0.0250		**1.55**	0.5000	1.028	104.9	1.564	0.71	03/07/2024
Cadmium		0.0010		**0.0507**	0.0500	0	101.4	0.05114	0.82	03/07/2024
Chromium		0.0015		**0.194**	0.2000	0.003414	95.1	0.1960	1.18	03/07/2024
Cobalt		0.0010		**0.476**	0.5000	0.0007586	95.1	0.4815	1.04	03/07/2024
Copper		0.0010		**0.238**	0.2500	0.003011	93.9	0.2438	2.56	03/07/2024
Iron		0.0250		**3.53**	2.000	1.647	94.0	3.638	3.12	03/07/2024
Lead		0.0010		**0.480**	0.5000	0.001553	95.7	0.4935	2.74	03/07/2024
Manganese		0.0020		**0.519**	0.5000	0.02617	98.6	0.5234	0.78	03/07/2024
Nickel		0.0010		**0.472**	0.5000	0.002237	93.9	0.4839	2.50	03/07/2024
Selenium		0.0010		**0.524**	0.5000	0.02564	99.7	0.5261	0.35	03/07/2024
Silver		0.0010		**0.0532**	0.0500	0	106.4	0.05147	3.27	03/07/2024
Thallium		0.0020		**0.246**	0.2500	0	98.4	0.2468	0.32	03/07/2024
Vanadium		0.0050		**0.495**	0.5000	0.004019	98.1	0.5017	1.42	03/07/2024
Zinc		0.0150		**0.514**	0.5000	0.006907	101.5	0.5332	3.58	03/07/2024

Batch 219540 **SampType:** MS Units **mg/L**

SampID: 24030248-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Selenium		0.0010		**0.487**	0.5000	0	97.3	70	130	03/07/2024

Batch 219540 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24030248-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Selenium		0.0010		**0.513**	0.5000	0	102.7	0.4867	5.34	03/07/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch 219558 **SampType:** MBLK Units **mg/L**

SampID: MBLK-219558

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	03/09/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	03/09/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	03/09/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	03/09/2024
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	03/09/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	03/09/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	03/09/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	03/11/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	03/09/2024
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	03/09/2024
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	03/09/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	03/09/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	03/09/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	03/09/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	03/11/2024
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	03/09/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	03/09/2024
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	03/09/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	03/09/2024
Vanadium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	03/11/2024
Zinc		0.0150		**< 0.0150**	0.0059	0	0	-100	100	03/09/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

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Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch 219558 **SampType:** LCS Units **mg/L**

SampID: LCS-219558

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.514**	0.5000	0	102.7	80	120	03/11/2024
Arsenic		0.0010		**0.511**	0.5000	0	102.1	80	120	03/09/2024
Barium		0.0010		**2.23**	2.000	0	111.7	80	120	03/11/2024
Beryllium		0.0010		**0.0491**	0.0500	0	98.2	80	120	03/09/2024
Boron		0.0250		**0.488**	0.5000	0	97.6	80	120	03/09/2024
Cadmium		0.0010		**0.0538**	0.0500	0	107.6	80	120	03/09/2024
Chromium		0.0015		**0.200**	0.2000	0	99.8	80	120	03/11/2024
Cobalt		0.0010		**0.475**	0.5000	0	95.1	80	120	03/09/2024
Copper		0.0010		**0.253**	0.2500	0	101.3	80	120	03/09/2024
Iron		0.0250		**1.97**	2.000	0	98.5	80	120	03/11/2024
Lead		0.0010		**0.468**	0.5000	0	93.6	80	120	03/09/2024
Lithium	*	0.0030		**0.486**	0.5000	0	97.1	80	120	03/09/2024
Manganese		0.0020		**0.486**	0.5000	0	97.3	80	120	03/09/2024
Molybdenum		0.0015		**0.454**	0.5000	0	90.8	80	120	03/11/2024
Nickel		0.0010		**0.487**	0.5000	0	97.4	80	120	03/09/2024
Selenium		0.0010		**0.492**	0.5000	0	98.3	80	120	03/09/2024
Silver		0.0010		**0.0526**	0.0500	0	105.1	80	120	03/09/2024
Thallium		0.0020		**0.203**	0.2500	0	81.1	80	120	03/09/2024
Vanadium		0.0050		**0.501**	0.5000	0	100.2	80	120	03/11/2024
Zinc		0.0150		**0.526**	0.5000	0	105.2	80	120	03/09/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch 219558 **SampType:** MS Units **mg/L**

SampID: 24021452-033BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.508**	0.5000	0	101.5	75	125	03/11/2024
Arsenic		0.0010		**0.510**	0.5000	0.0005554	101.9	75	125	03/11/2024
Barium		0.0010		**2.23**	2.000	0.02078	110.7	75	125	03/11/2024
Beryllium		0.0010		**0.0492**	0.0500	0	98.5	75	125	03/11/2024
Boron		0.0250		**1.40**	0.5000	0.9584	88.4	75	125	03/11/2024
Cadmium		0.0010		**0.0482**	0.0500	0	96.5	75	125	03/11/2024
Chromium		0.0015		**0.193**	0.2000	0.001001	95.9	75	125	03/11/2024
Cobalt		0.0010		**0.472**	0.5000	0.001230	94.1	75	125	03/11/2024
Copper		0.0010		**0.232**	0.2500	0.0009294	92.6	75	125	03/11/2024
Iron		0.0250		**2.03**	2.000	0.1366	94.7	75	125	03/11/2024
Lead		0.0010		**0.500**	0.5000	0	100.0	75	125	03/11/2024
Lithium	*	0.0030		**0.575**	0.5000	0.001876	114.5	75	125	03/09/2024
Manganese		0.0080	S	**5.63**	0.5000	5.503	24.8	75	125	03/12/2024
Molybdenum		0.0015		**0.463**	0.5000	0.0009224	92.4	75	125	03/11/2024
Nickel		0.0010		**0.466**	0.5000	0.002307	92.8	75	125	03/11/2024
Selenium		0.0010		**0.577**	0.5000	0	115.3	75	125	03/09/2024
Silver		0.0010		**0.0483**	0.0500	0	96.7	75	125	03/11/2024
Thallium		0.0020		**0.245**	0.2500	0	98.1	75	125	03/09/2024
Vanadium		0.0050		**0.492**	0.5000	0	98.3	75	125	03/11/2024
Zinc		0.0150		**0.545**	0.5000	0	109.1	75	125	03/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24021452
Client Project: KIN-24Q1
Report Date: 20-Mar-24

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

Batch 219558 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24021452-033BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.505**	0.5000	0	101.0	0.5077	0.52	03/11/2024
Arsenic		0.0010		**0.530**	0.5000	0.0005554	105.9	0.5101	3.82	03/11/2024
Barium		0.0010		**2.20**	2.000	0.02078	109.2	2.234	1.34	03/11/2024
Beryllium		0.0010		**0.0502**	0.0500	0	100.4	0.04925	1.96	03/11/2024
Boron		0.0250		**1.44**	0.5000	0.9584	95.7	1.400	2.56	03/11/2024
Cadmium		0.0010		**0.0474**	0.0500	0	94.7	0.04823	1.79	03/11/2024
Chromium		0.0015		**0.195**	0.2000	0.001001	96.8	0.1928	0.94	03/11/2024
Cobalt		0.0010		**0.478**	0.5000	0.001230	95.4	0.4716	1.42	03/11/2024
Copper		0.0010		**0.243**	0.2500	0.0009294	96.9	0.2323	4.58	03/11/2024
Iron		0.0250		**2.08**	2.000	0.1366	97.0	2.031	2.19	03/11/2024
Lead		0.0010		**0.504**	0.5000	0	100.9	0.4999	0.87	03/11/2024
Lithium	*	0.0030		**0.471**	0.5000	0.001876	93.9	0.5746	19.72	03/09/2024
Manganese		0.0080	S	**5.54**	0.5000	5.503	6.8	5.627	1.61	03/12/2024
Molybdenum		0.0015		**0.474**	0.5000	0.0009224	94.6	0.4630	2.34	03/11/2024
Nickel		0.0010		**0.480**	0.5000	0.002307	95.5	0.4662	2.87	03/11/2024
Selenium		0.0010		**0.476**	0.5000	0	95.3	0.5766	19.02	03/09/2024
Silver		0.0010		**0.0486**	0.0500	0	97.3	0.04835	0.58	03/11/2024
Thallium		0.0020		**0.205**	0.2500	0	82.0	0.2453	17.85	03/09/2024
Vanadium		0.0050		**0.497**	0.5000	0	99.4	0.4916	1.06	03/11/2024
Zinc		0.0150		**0.538**	0.5000	0	107.6	0.5455	1.34	03/12/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch 219587 **SampType:** MBLK Units **mg/L**

SampID: MBLK-219587

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	03/09/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	03/07/2024
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	03/07/2024
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	03/07/2024
Boron	*	0.0250		**< 0.0250**	0.0093	0	0	-100	100	03/07/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	03/07/2024
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	03/07/2024
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	03/07/2024
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	03/07/2024
Iron	*	0.0250		**< 0.0250**	0.0115	0	0	-100	100	03/07/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	03/07/2024
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	03/07/2024
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	03/07/2024
Molybdenum		0.0015		**< 0.0015**	0.0006	0	0	-100	100	03/07/2024
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	03/07/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	03/07/2024
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	03/07/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	03/07/2024
Vanadium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	03/07/2024
Zinc		0.0150		**< 0.0150**	0.0059	0	0	-100	100	03/07/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch 219587 **SampType:** LCS Units **mg/L**

SampID: LCS-219587

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.524**	0.5000	0	104.9	80	120	03/11/2024
Arsenic		0.0010		**0.554**	0.5000	0	110.8	85	115	03/07/2024
Barium		0.0010		**2.32**	2.000	0	115.9	80	120	03/11/2024
Beryllium		0.0010		**0.0548**	0.0500	0	109.6	85	115	03/07/2024
Boron	*	0.0250		**0.538**	0.5000	0	107.6	85	115	03/07/2024
Cadmium		0.0010	S	**0.0582**	0.0500	0	116.4	85	115	03/07/2024
Chromium		0.0015		**0.210**	0.2000	0	104.8	85	115	03/07/2024
Cobalt		0.0010		**0.516**	0.5000	0	103.1	85	115	03/07/2024
Copper		0.0010		**0.272**	0.2500	0	108.6	85	115	03/07/2024
Iron	*	0.0250		**2.10**	2.000	0	105.1	85	115	03/07/2024
Lead		0.0010	E	**0.513**	0.5000	0	102.6	85	115	03/07/2024
Lithium	*	0.0030		**0.538**	0.5000	0	107.5	85	115	03/07/2024
Manganese		0.0020		**0.524**	0.5000	0	104.8	85	115	03/07/2024
Molybdenum		0.0015		**0.481**	0.5000	0	96.3	85	115	03/07/2024
Nickel		0.0010		**0.530**	0.5000	0	106.0	85	115	03/07/2024
Selenium		0.0010		**0.526**	0.5000	0	105.2	85	115	03/07/2024
Silver		0.0010		**0.0513**	0.0500	0	102.6	85	115	03/07/2024
Thallium		0.0020		**0.252**	0.2500	0	100.6	85	115	03/07/2024
Vanadium		0.0050		**0.518**	0.5000	0	103.5	85	115	03/07/2024
Zinc		0.0150	S	**0.575**	0.5000	0	115.1	85	115	03/07/2024

Batch 219587 **SampType:** MS Units **mg/L**

SampID: 24021452-025BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.531**	0.5000	0.002681	105.7	75	125	03/11/2024
Arsenic		0.0010		**0.542**	0.5000	0.001773	108.1	75	125	03/07/2024
Barium		0.0010		**2.69**	2.000	0.2474	121.9	75	125	03/11/2024
Beryllium		0.0010		**0.0517**	0.0500	0	103.4	75	125	03/07/2024
Cadmium		0.0010		**0.0568**	0.0500	0	113.6	75	125	03/07/2024
Chromium		0.0015		**0.195**	0.2000	0.001486	96.7	75	125	03/07/2024
Cobalt		0.0010		**0.483**	0.5000	0.0002321	96.6	75	125	03/07/2024
Lead		0.0010		**0.498**	0.5000	0.0006276	99.5	75	125	03/07/2024
Lithium	*	0.0030		**0.502**	0.5000	0.009853	98.4	75	125	03/07/2024
Molybdenum		0.0015		**0.469**	0.5000	0.001738	93.5	75	125	03/07/2024
Selenium		0.0010		**0.501**	0.5000	0	100.1	75	125	03/07/2024
Thallium		0.0020		**0.251**	0.2500	0	100.4	75	125	03/07/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch 219587 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 24021452-025BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.526**	0.5000	0.002681	104.6	0.5312	1.01	03/11/2024
Arsenic		0.0010		**0.534**	0.5000	0.001773	106.4	0.5421	1.56	03/07/2024
Barium		0.0010		**2.67**	2.000	0.2474	121.2	2.685	0.50	03/11/2024
Beryllium		0.0010		**0.0525**	0.0500	0	105.0	0.05172	1.48	03/07/2024
Cadmium		0.0010		**0.0581**	0.0500	0	116.2	0.05680	2.31	03/07/2024
Chromium		0.0015		**0.198**	0.2000	0.001486	98.0	0.1948	1.37	03/07/2024
Cobalt		0.0010		**0.494**	0.5000	0.0002321	98.7	0.4833	2.09	03/07/2024
Lead		0.0010		**0.490**	0.5000	0.0006276	97.9	0.4984	1.69	03/07/2024
Lithium	*	0.0030		**0.513**	0.5000	0.009853	100.6	0.5017	2.21	03/07/2024
Molybdenum		0.0015		**0.473**	0.5000	0.001738	94.2	0.4693	0.76	03/07/2024
Selenium		0.0010		**0.493**	0.5000	0	98.6	0.5005	1.52	03/07/2024
Thallium		0.0020		**0.246**	0.2500	0	98.3	0.2510	2.14	03/07/2024

Batch 219755 **SampType:** MBLK Units **mg/L**

SampID: MBLK-219755

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	03/13/2024
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	03/12/2024
Boron	*	0.0250		**< 0.0250**	0.0093	0	0	-100	100	03/13/2024
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	03/12/2024
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	03/12/2024
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	03/12/2024
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	03/12/2024
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	03/12/2024

Batch 219755 **SampType:** LCS Units **mg/L**

SampID: LCS-219755

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.533**	0.5000	0	106.5	85	115	03/13/2024
Arsenic		0.0010		**0.521**	0.5000	0	104.2	85	115	03/12/2024
Boron	*	0.0250		**0.484**	0.5000	0	96.9	85	115	03/13/2024
Cadmium		0.0010		**0.0489**	0.0500	0	97.7	85	115	03/13/2024
Copper		0.0010		**0.264**	0.2500	0	105.5	85	115	03/12/2024
Lead		0.0010	E	**0.527**	0.5000	0	105.4	85	115	03/13/2024
Selenium		0.0010		**0.499**	0.5000	0	99.7	85	115	03/12/2024
Thallium		0.0020		**0.265**	0.2500	0	105.8	85	115	03/12/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

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

Batch 219755 **SampType:** MS Units **mg/L**
SampID: 24021452-025BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		0.0250		**2.07**	0.5000	1.482	116.9	75	125	03/13/2024

Batch 219755 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24021452-025BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		0.0250		**2.02**	0.5000	1.482	107.7	2.067	2.26	03/13/2024

Batch 219755 **SampType:** MS Units **mg/L**
SampID: 24030297-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Selenium		0.0010		**0.827**	1.000	0.01935	80.7	70	130	03/13/2024

Batch 219755 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24030297-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Selenium		0.0010		**0.821**	1.000	0.01935	80.1	0.8266	0.71	03/13/2024

Batch 219755 **SampType:** MS Units **mg/L**
SampID: 24030674-003EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.525**	0.5000	0.004209	104.1	70	130	03/13/2024
Arsenic		0.0010		**0.545**	0.5000	0.01296	106.3	70	130	03/12/2024
Cadmium		0.0010		**0.0513**	0.0500	0.003552	95.4	70	130	03/13/2024
Lead		0.0010	E	**0.662**	0.5000	0.1816	96.2	70	130	03/13/2024
Selenium		0.0010		**0.463**	0.5000	0.001096	92.4	70	130	03/13/2024
Thallium		0.0020		**0.219**	0.2500	0	87.8	70	130	03/12/2024

Batch 219755 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 24030674-003EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.508**	0.5000	0.004209	100.7	0.5245	3.22	03/13/2024
Arsenic		0.0010		**0.525**	0.5000	0.01296	102.4	0.5446	3.64	03/12/2024
Cadmium		0.0010		**0.0501**	0.0500	0.003552	93.2	0.05126	2.23	03/13/2024
Lead		0.0010	E	**0.659**	0.5000	0.1816	95.5	0.6624	0.52	03/13/2024
Selenium		0.0010		**0.443**	0.5000	0.001096	88.4	0.4629	4.42	03/13/2024
Thallium		0.0020		**0.234**	0.2500	0	93.5	0.2194	6.30	03/12/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24021452
Client Project: KIN-24Q1
Report Date: 20-Mar-24

SW-846 7470A (TOTAL)

Batch 219518 **SampType:** MBLK Units **mg/L**
SampID: MBLK-219518

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	03/06/2024

Batch 219518 **SampType:** LCS Units **mg/L**
SampID: LCS-219518

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00429**	0.0050	0	85.8	85	115	03/06/2024

Batch 219518 **SampType:** MS Units **mg/L**
SampID: 24021452-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00470**	0.0050	0	94.1	75	125	03/06/2024

Batch 219518 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021452-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00479**	0.0050	0	95.9	0.004705	1.89	03/06/2024

Batch 219518 **SampType:** MS Units **mg/L**
SampID: 24021452-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00481**	0.0050	0	96.2	75	125	03/06/2024

Batch 219518 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021452-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00463**	0.0050	0	92.7	0.004809	3.69	03/06/2024

Batch 219560 **SampType:** MBLK Units **mg/L**
SampID: MBLK-219560

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	03/06/2024

Batch 219560 **SampType:** LCS Units **mg/L**
SampID: LCS-219560

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00474**	0.0050	0	94.9	85	115	03/06/2024

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021452

Client Project: KIN-24Q1 **Report Date:** 20-Mar-24

SW-846 7470A (TOTAL)

Batch 219560 **SampType:** MS Units **mg/L**
SampID: 24021452-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00454**	0.0050	0	90.7	75	125	03/06/2024

Batch 219560 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021452-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00416**	0.0050	0	83.3	0.004536	8.54	03/06/2024

Batch 219560 **SampType:** MS Units **mg/L**
SampID: 24021452-027BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00542**	0.0050	0	108.5	75	125	03/07/2024

Batch 219560 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021452-027BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00555**	0.0050	0	110.9	0.005425	2.23	03/07/2024

Batch 219610 **SampType:** MBLK Units **mg/L**
SampID: MBLK-219610

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	03/07/2024

Batch 219610 **SampType:** LCS Units **mg/L**
SampID: LCS-219610

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00508**	0.0050	0	101.5	85	115	03/07/2024

Batch 219610 **SampType:** MS Units **mg/L**
SampID: 24021452-021BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00418**	0.0050	0	83.6	75	125	03/07/2024

Batch 219610 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021452-021BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00387**	0.0050	0	77.4	0.004182	7.68	03/07/2024

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24021452
Client Project: KIN-24Q1
Report Date: 20-Mar-24

SW-846 7470A (TOTAL)

Batch 219610 **SampType:** MS Units **mg/L**
SampID: 24021452-028BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00492**	0.0050	0	98.3	75	125	03/07/2024

Batch 219610 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 24021452-028BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00486**	0.0050	0	97.1	0.004916	1.21	03/07/2024

Teklab, Inc. Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Ramboll
Work Order: 24021452
Client Project: KIN-24Q1
Report Date: 20-Mar-24

Carrier: Justin Colp
Received By: NR

Completed by: Nick Reed
On: 04-Mar-24

Reviewed by: Ellie Hopkins
On: 06-Mar-24

Pages to follow: Chain of custody 7 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C	12.1
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice	☐
Chain of custody present?	Yes ☑	No ☐			
Chain of custody signed when relinquished and received?	Yes ☑	No ☐			
Chain of custody agrees with sample labels?	Yes ☑	No ☐			
Samples in proper container/bottle?	Yes ☑	No ☐			
Sample containers intact?	Yes ☑	No ☐			
Sufficient sample volume for indicated test?	Yes ☑	No ☐			
All samples received within holding time?	Yes ☑	No ☐			
Reported field parameters measured:	Field ☑	Lab ☐	NA ☐		
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐			

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

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

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

Samples were received on 3/4/24 at 1645 on ice [12.1C - LTG#7]. Additional Nitric Acid (96331) preservative was needed in MW-04, MW-05, MW-07S, MW-20S, and MW-31S upon arrival at the laboratory. Additional Soduim Hydroxide (95443) was needed in MW-05 upon arrival at the laboratory. pH strip 90719/89660. - nickreed - 3/4/2024 5:31:10 PM

Samples were received on 3/5/24 at 1535 on ice [8.5C - LTG#7]. - AMD 3/5/24

Additional Nitric Acid (96331) was needed in MW-09, MW-08, MW11, MW-12, MW-20, MW-23, MW-27, MW-08DUP, and XPW02 upon arrival at the laboratory. Additional Sodium Hydroxide (95443) was needed in MW-08, MW-12, and MW-08DUP upon arrival at the laboratory. - ES/pschultz - 3/5/2024 4:37:48 PM

Samples were received on 3/6/24 at 1505 on ice [8.5C - LTG5]. Additional Nitric Acid (96331) was needed in MW-31, MW-32 and PZ4!Cupon arrival at the laboratory. pH strip #90719. - amberdilallo - 3/6/2024 3:28:57 PM

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141 24021452

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Kincaid	Report To:	Brian Voelker, Sam Davies	Attention:	Brian Voelker, Tim Arnold
Address:	199 IL 104	Copy To:	Tim Arnold	Company Name:	Vistra Corp
	Kincaid, IL 62540			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com; Tim.Arnold@vistracorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	Liz Hurley
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

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

Section D Required Client Information

Valid Matrix Codes

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analysis Test: KIN-257-141	KIN-845-141	KIN_620_141	KIN-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-01	WT	G	3-4-24	1426		3	1		1		1					X	X	X			24021452-001
2	MW-02	WT	G	3-4-24	1230		3	1		1		1					X	X	X			24021452-002
3	MW-03	WT	G	3-4-24	1300		3	1		1		1					X	X	X			24021452-003
4	MW-04 *	WT	G	3-4-24	1323		3	1		1		1					X	X	X			24021452-004
5	MW-05 *	WT	G	3-4-24	1446		3	1		1		1					X	X	X			24021452-005
6	MW-06	WT	G				3	1		1		1					X	X	X			24021452-006
7	MW-07	WT	G				3	1		1		1					X	X	X			24021452-007
8	MW-07S *	WT	G	3-4-24	1248		2	1		1							X	X				24021452-008
9	MW-08	WT	G				3	1		1		1					X	X	X			24021452-009
10	MW-08S	WT	G	3-4-24	DRY		2	1		1							X	X				24021452-010
11	MW-09	WT	G				3	1		1		1							X			24021452-011
12	MW-10	WT	G				3	1		1		1							X			24021452-012
13	MW-11	WT	G				3	1		1		1					X	X	X			24021452-013
14	MW-12	WT	G				3	1		1		1					X	X	X			24021452-014
15	MW-20	WT	G				2	1		1							X	X				24021452-015
16	MW-20S *	WT	G	3-4-24	1109		2	1		1							X	X				24021452-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
KIN-24Q1 Rev 0	J Colp	3-4	1645	Nicki Reed	3/4/24	1645	12.1	⊙	N	
							LT67			

SAMPLER NAME AND SIGNATURE		
PRINT Name of SAMPLER:	Justin Colp	
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 3-4-24

907194860

Added HNO_3 & NaOH to samples NR 3/4

Confidential

24021452

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-Kincaid	Report To:	Brian Voelker, Sam Davies	Attention:	Brian Voelker, Tim Arnold
Address:	199 IL 104	Copy To:	Tim Arnold	Company Name:	Vistra Corp
	Kincaid, IL 62540			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com Tim.Arnold@vistracorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	Liz Hurley
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	KIN-257-141	KIN-845-141	KIN_620_141	KIN_SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-23	WT	G				2	1		1							X	X				24021452-017
2	MW-27	WT	G				2	1		1							X	X				24021452-018
3	MW-28	WT	G				2	1		1							X	X				24021452-019
4	MW-30	WT	G				2	1		1							X	X				24021452-020
5	MW-31	WT	G				2	1		1							X	X				24021452-021
6	MW-31S *	WT	G	3-4-24	1155		2	1		1							X	X				24021452-022
7	MW-32	WT	G				2	1		1							X	X				24021452-023
8	PZ4!A	WT	G				2	1		1										X		24021452-024
9	PZ4!C	WT	G				2	1		1							X	X				24021452-025
10	XPW01_pore	WT	G				2	1		1							X	X				24021452-026
11	XPW02_pore	WT	G				2	1		1							X	X				24021452-027
12	XPW03_pore	WT	G				2	1		1							X	X				24021452-028
13	XPW04_pore	WT	G				2	1		1							X	X				24021452-029
14	XSG-01	WT	G				0										X	X	X			24021452-030
15	YSG-02	WT	G				0										X	X	X			24021452-031
16	Field Blank	WT	G				3	1		1		1					X	X	X	X		24021452-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
KIN-24Q1 Rev 0	J. Colp	3-4	1645	Mitch Keel	3/4/24	1645	

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			Y	N	
SIGNATURE of SAMPLER:	Justin Colp	DATE Signed (MM/DD/YY): 3-4-24				

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

24021452

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Kincaid	Report To:	Brian Voelker, Sam Davies	Attention:	Brian Voelker, Tim Arnold
Address:	199 IL 104	Copy To:	Tim Arnold	Company Name:	Vistra Corp
	Kincaid, IL 62540			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com Tim.Arnold@vistracorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	Liz Hurley
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

Valid Matrix Codes

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: KIN-257-141	KIN-845-141	KIN_620_141	KIN-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-01	WT	G				3	1		1		1				X	X	X			24021452-001
2	MW-02	WT	G				3	1		1		1				X	X	X			24021452-002
3	MW-03	WT	G				3	1		1		1				X	X	X			24021452-003
4	MW-04	WT	G				3	1		1		1				X	X	X			24021452-004
5	MW-05	WT	G				3	1		1		1				X	X	X			24021452-005
6	MW-06	WT	G	3-5-24	1124		3	1		1		1				X	X	X			24021452-006
7	MW-07	WT	G	3-5-24	1326		3	1		1		1				X	X	X			24021452-007
8	MW-07S	WT	G				2	1		1						X	X				24021452-008
9	MW-08	WT	G	3-5-24	1348		3	1		1		1				X	X	X			24021452-009
10	MW-08S	WT	G				2	1		1						X	X				24021452-010
11	MW-09	WT	G	3-5-24	1023		3	1		1		1						X			24021452-011
12	MW-10	WT	G	3-5-24	1106		3	1		1		1						X			24021452-012
13	MW-11	WT	G	3-5-24	0932		3	1		1		1				X	X	X			24021452-013
14	MW-12	WT	G	3-5-24	1257		3	1		1		1				X	X	X			24021452-014
15	MW-20	WT	G	3-5-24	1048		2	1		1						X	X				24021452-015
16	MW-20S	WT	G				2	1		1						X	X				24021452-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
KIN-24Q1 Rev 0	J. Colp	3-5	1535	Amber Dillard	3/5/24	1535	8.5	Y	N	Y
							LT6.7			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 3-5-24

ph✓ 9071a 8960
added HNO3 (96331) and NaOH (95443)
to samples
ES 3/5/24 ice 8.5 LT6.7

HNO3 (96331) added to MW-08, -09, -11, -12, -20, -23, -27, XPress
NaOH (95511 confidential) added to MW-08, -12, -08Dup

24021452

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information:

Company:	Vistra Corp-Kincaid
Address:	199 IL 104
	Kincaid, IL 62540
Email To:	Brian.Voelker@VistraCorp.com; Tim.Arnold@vistracorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker, Sam Davies
Copy To:	Tim Arnold
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

Attention:	Brian Voelker, Tim Arnold
Company Name:	Vistra Corp
Address:	see Section A
Quote Reference:	
Project Manager:	Liz Hurley
Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	KIN-257-141	KIN-845-141	KIN_620_141	KIN-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-23	WT	G	3-5-24	1008		2	1		1							X	X				24021452-017
2	MW-27	WT	G	3-5-24	1135		2	1		1							X	X				24021452-018
3	MW-28	WT	G				2	1		1							X	X				24021452-019
4	MW-30	WT	G				2	1		1							X	X				24021452-020
5	MW-31	WT	G				2	1		1							X	X				24021452-021
6	MW-31S	WT	G				2	1		1							X	X				24021452-022
7	MW-32	WT	G				2	1		1							X	X				24021452-023
8	PZ4IA	WT	G				2	1		1										X		24021452-024
9	PZ4IC	WT	G				2	1		1							X	X				24021452-025
10	XPW01_pore	WT	G	3-5-24	1217		2	1		1							X	X				24021452-026
11	XPW02_pore	WT	G	3-5-24	1258		2	1		1							X	X				24021452-027
12	XPW03_pore	WT	G				2	1		1							X	X				24021452-028
13	XPW04_pore	WT	G				2	1		1							X	X				24021452-029
14	XSG-01	WT	G				0										X	X	X			24021452-030
15	YSG-02	WT	G				0										X	X	X			24021452-031
16	Field Blank	WT	G				3	1		1		1					X	X	X	X		24021452-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
KIN-24Q1 Rev 0	J. Colp	3-5	1535	Lyndsay Qualls	3/5/24	1535	

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp

DATE Signed (MM/DD/YY): 3-5-24

24021452

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Kincaid	Report To:	Brian Voelker, Sam Davies	Attention:	Brian Voelker, Tim Arnold
Address:	199 IL 104	Copy To:	Tim Arnold	Company Name:	Vistra Corp
	Kincaid, IL 62540			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	Liz Hurley
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Valid Matrix Codes: MATRIX / CODE — DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS	MATRIX CODE (see valid codes)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	KIN-257-141	KIN-845-141	KIN_620_141	KIN-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
									Requested Analysis Filtered (Y/N)													
1	MW-08 Duplicate		WT	G	3-5-24	1348		3	1		1		1				X	X	X			24021452-033
2	Equipment Blank 1		WT	G				3	1		1		1				X	X	X	X		24021452-034
3	Equipment Blank 2		WT	G				3	1		1		1				X	X	X	X		24021452-035
4	Equipment Blank 3		WT	G				3	1		1		1				X	X	X	X		24021452-036
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						
16																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Y	N	
KIN-24Q1 Rev 0	J. Colp	3-5	1535	[signature]	3/5/24	1535				
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 3-5-24

24021452

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-Kincaid	Report To:	Brian Voelker, Sam Davies	Attention:	Brian Voelker, Tim Arnold
Address:	199 IL 104	Copy To:	Tim Arnold	Company Name:	Vistra Corp
	Kincaid, IL 62540			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com Tim.Arnold@vistracorp.com	Purchase Order No.:		Quote Reference	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	Liz Hurley
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER

UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: KIN-257-141	KIN-845-141	KIN_620_141	KIN-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-23	WT	G				2	1		1							X	X				24021452-017
2	MW-27	WT	G				2	1		1							X	X				24021452-018
3	MW-28	WT	G	3-6-24	1123		2	1		1							X	X				24021452-019
4	MW-30	WT	G	3-6-24	1053		2	1		1							X	X				24021452-020
5	MW-31	WT	G	3-6-24	1125		2	1		1							X	X				24021452-021
6	MW-31S	WT	G				2	1		1							X	X				24021452-022
7	MW-32	WT	G	3-6-24	1153		2	1		1							X	X				24021452-023
8	PZ4!A	WT	G	3-6-24	0943		2	1		1										X		24021452-024
9	PZ4!C	WT	G	3-6-24	1004		2	1		1							X	X				24021452-025
10	XPW01_pore	WT	G				2	1		1							X	X				24021452-026
11	XPW02_pore	WT	G				2	1		1							X	X				24021452-027
12	XPW03_pore	WT	G	3-6-24	1019		2	1		1							X	X				24021452-028
13	XPW04_pore	WT	G	3-6-24	1048		2	1		1							X	X				24021452-029
14	XSG-01	WT	G				0										X	X	X			24021452-030
15	YSG-02	WT	G				0										X	X	X			24021452-031
16	Field Blank	WT	G	3-6-24	1211		3	1		1		1					X	X	X	X		24021452-032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
KIN-24Q1 Rev 0	J. Colp	3-6	1417	1505 (Signature)	3/6/24	1505	8.5	Y	N	Y
							0.5			

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:	Justin Colp	Temp in °C	Received on Ice (Y/N)
SIGNATURE of SAMPLER:	(Signature)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
DATE Signed (MM/DD/YY):	3-6-24		

Added HNO3(9L0331) to MW31, MW32 & PZ4!C.
pH ✓ 90719. JCM 3/6/24

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2024
KINCAID POWER PLANT ASH POND
KIN-845-141

24021452

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Kincaid	Report To:	Brian Voelker, Sam Davies	Attention:	Brian Voelker, Tim Arnold
Address:	199 IL 104	Copy To:	Tim Arnold	Company Name:	Vistra Corp
	Kincaid, IL 62540			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	Liz Hurley
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Valid Matrix Codes: MATRIX / CODE — DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS	MATRIX CODE (see valid codes)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	KIN-257-141	KIN-845-141	KIN_620_141	KIN-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-08 Duplicate		WT	G				3	1		1		1				X	X	X			24021452-033
2	Equipment Blank 1		WT	G	3-6-24	1214		3	1		1		1				X	X	X	X		24021452-034
3	Equipment Blank 2		WT	G				3	1		1		1				X	X	X	X		24021452-035
4	Equipment Blank 3		WT	G				3	1		1		1				X	X	X	X		24021452-036
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						
16																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
KIN-24Q1 Rev 0	J. Colp	3-6	1505	Vmon Dicarlo	3/6/24	1505

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 3-6-24

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

April 04, 2024

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

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

RE: KIN-24Q1 **WorkOrder:** 24021453

Dear Eric Bauer:

TEKLAB, INC received 28 samples on 3/6/2024 3:05:00 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

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: 24021453
Client Project: KIN-24Q1
Report Date: 04-Apr-24

This reporting package includes the following:

Definitions

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Abbr	Definition
*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Definitions

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Qualifiers

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

Case Narrative

Client: Ramboll
Client Project: KIN-24Q1

Work Order: 24021453
Report Date: 04-Apr-24

Cooler Receipt Temp: 12.1 °C

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

MW-08S was dry; no sample volume was collected.

Equipment Blank 2 and Equipment Blank 3 were not required.

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

Locations

Collinsville

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

Springfield

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

Kansas City

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

Collinsville Air

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

Chicago

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

Accreditations

Client: Ramboll
Work Order: 24021453
Client Project: KIN-24Q1
Report Date: 04-Apr-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	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		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-001 **Client Sample ID:** MW-01

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 14:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:06	R345252

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-002 **Client Sample ID:** MW-02

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 12:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:06	R345252

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-003 **Client Sample ID:** MW-03

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 13:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:06	R345252

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-004 **Client Sample ID:** MW-04

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 13:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:06	R345252

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-005 **Client Sample ID:** MW-05

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 14:46

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:07	R345252

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-006 **Client Sample ID:** MW-06

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 11:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:07	R345252

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll
Work Order: 24021453
Client Project: KIN-24Q1
Report Date: 04-Apr-24
Lab ID: 24021453-007
Client Sample ID: MW-07
Matrix: GROUNDWATER
Collection Date: 03/05/2024 13:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:07	R345252

Laboratory Results

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-008 **Client Sample ID:** MW-07S

Matrix: GROUNDWATER **Collection Date:** 03/04/2024 12:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:07	R345252

Laboratory Results

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-009 **Client Sample ID:** MW-08

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 13:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:07	R345252

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-011 **Client Sample ID:** MW-09

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 10:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:08	R345252

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-012 **Client Sample ID:** MW-10

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 11:06

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:08	R345252

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-013 **Client Sample ID:** MW-11

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 9:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:08	R345252

Laboratory Results

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-014 **Client Sample ID:** MW-12

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 12:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:08	R345252

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-015 **Client Sample ID:** MW-20

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 10:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:08	R345252

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll
Work Order: 24021453
Client Project: KIN-24Q1
Report Date: 04-Apr-24
Lab ID: 24021453-016
Client Sample ID: MW-20S
Matrix: GROUNDWATER
Collection Date: 03/04/2024 11:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:09	R345252

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-017 **Client Sample ID:** MW-23

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 10:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:09	R345252

Teklab, Inc. Environmental Laboratory

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-018 **Client Sample ID:** MW-27

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 11:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:09	R345252

Laboratory Results

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-019 **Client Sample ID:** MW-28

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 11:23

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:09	R345252

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-020 **Client Sample ID:** MW-30

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 10:53

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:09	R345252

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-021 **Client Sample ID:** MW-31

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 11:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:10	R345252

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll
Work Order: 24021453
Client Project: KIN-24Q1
Report Date: 04-Apr-24
Lab ID: 24021453-022
Client Sample ID: MW-31S
Matrix: GROUNDWATER
Collection Date: 03/04/2024 11:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:10	R345252

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-023 **Client Sample ID:** MW-32

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 11:53

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:10	R345252

Teklab, Inc. Environmental Laboratory

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-024 **Client Sample ID:** PZ4!A

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 9:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:11	R345252

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-025 **Client Sample ID:** PZ4!C

Matrix: GROUNDWATER **Collection Date:** 03/06/2024 10:04

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:11	R345252

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-026 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 03/06/2024 12:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:11	R345252

Teklab, Inc. Environmental Laboratory

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 24021453

Client Project: KIN-24Q1 **Report Date:** 04-Apr-24

Lab ID: 24021453-027 **Client Sample ID:** MW-08 Duplicate

Matrix: GROUNDWATER **Collection Date:** 03/05/2024 13:48

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:11	R345252

Laboratory Results

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll
Work Order: 24021453
Client Project: KIN-24Q1
Report Date: 04-Apr-24
Lab ID: 24021453-028
Client Sample ID: Equipment Blank 1
Matrix: AQUEOUS
Collection Date: 03/06/2024 12:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	03/29/2024 12:11	R345252

Sample Summary

Client: Ramboll
Client Project: KIN-24Q1

Work Order: 24021453
Report Date: 04-Apr-24

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
24021453-001	MW-01	Groundwater	1	03/04/2024 14:26
24021453-002	MW-02	Groundwater	1	03/04/2024 12:30
24021453-003	MW-03	Groundwater	1	03/04/2024 13:00
24021453-004	MW-04	Groundwater	1	03/04/2024 13:23
24021453-005	MW-05	Groundwater	1	03/04/2024 14:46
24021453-006	MW-06	Groundwater	1	03/05/2024 11:24
24021453-007	MW-07	Groundwater	1	03/05/2024 13:26
24021453-008	MW-07S	Groundwater	1	03/04/2024 12:48
24021453-009	MW-08	Groundwater	1	03/05/2024 13:48
24021453-010	MW-08S	Groundwater	1	03/04/2024 0:00
24021453-011	MW-09	Groundwater	1	03/05/2024 10:23
24021453-012	MW-10	Groundwater	1	03/05/2024 11:06
24021453-013	MW-11	Groundwater	1	03/05/2024 9:32
24021453-014	MW-12	Groundwater	1	03/05/2024 12:57
24021453-015	MW-20	Groundwater	1	03/05/2024 10:48
24021453-016	MW-20S	Groundwater	1	03/04/2024 11:09
24021453-017	MW-23	Groundwater	1	03/05/2024 10:08
24021453-018	MW-27	Groundwater	1	03/05/2024 11:35
24021453-019	MW-28	Groundwater	1	03/06/2024 11:23
24021453-020	MW-30	Groundwater	1	03/06/2024 10:53
24021453-021	MW-31	Groundwater	1	03/06/2024 11:25
24021453-022	MW-31S	Groundwater	1	03/04/2024 11:55
24021453-023	MW-32	Groundwater	1	03/06/2024 11:53
24021453-024	PZ4!A	Groundwater	1	03/06/2024 9:43
24021453-025	PZ4!C	Groundwater	1	03/06/2024 10:04
24021453-026	Field Blank	Aqueous	1	03/06/2024 12:11
24021453-027	MW-08 Duplicate	Groundwater	1	03/05/2024 13:48
24021453-028	Equipment Blank 1	Aqueous	1	03/06/2024 12:14

Receiving Check List

Teklab, Inc.
Environmental Laboratory
http://www.teklabinc.com/

Client: Ramboll
Client Project: KIN-24Q1

Work Order: 24021453
Report Date: 04-Apr-24

Carrier: Justin Colp

Received By: AMD

Completed by: Amber Dilallo
On: 04-Mar-24

Reviewed by: Ellie Hopkins
On: 06-Mar-24

Pages to follow: Chain of custody 7 Extra pages included 33

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C	12.1	
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice	☐	
Chain of custody present?	Yes ☑	No ☐				
Chain of custody signed when relinquished and received?	Yes ☑	No ☐				
Chain of custody agrees with sample labels?	Yes ☑	No ☐				
Samples in proper container/bottle?	Yes ☑	No ☐				
Sample containers intact?	Yes ☑	No ☐				
Sufficient sample volume for indicated test?	Yes ☑	No ☐				
All samples received within holding time?	Yes ☑	No ☐				
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑			
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐				

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

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

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

Additional Nitric Acid (96331) was needed in MW-01, MW-04, MW-05, MW-07S, MW-20S and MW-31S upon arrival at the laboratory. - amberdilallo - 3/4/2024 4:57:39 PM

pH strip #90719. - amberdilallo - 3/4/2024 4:57:41 PM

Samples were received on 3/5/24 at 1535 on ice [8.5C - LTG7]. Additional Nitric Acid (96331) was needed in MW-08, MW-11, MW-12, MW-20, MW-23, MW-27 and MW-08 Duplicate upon arrival at the laboratory. pH strip #90719. - amberdilallo - 3/5/2024 4:58:37 PM

Samples were received on 3/6/24 at 1505 on ice [8.5C - LTG5]. pH strip #90719. - amberdilallo - 3/6/2024 3:30:16 PM

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

24021453

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Vistra Corp-Kincaid	Report To:	Brian Voelker, Sam Davies	Attention:	Brian Voelker, Tim Arnold
Address:	199 IL 104	Copy To:	Tim Arnold	Company Name:	Vistra Corp
	Kincaid, IL 62540			Address:	see Section A
Email To:	Brian.Voelker@VistraCorp.com Tim.Arnold@vistracorp.com	Purchase Order No.:		Quote Reference:	
Phone:	(217) 753-8911 Fax:	Project Name:		Project Manager:	Liz Hurley
Requested Due Date/TAT:	10 day	Project Number:		Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	KIN-257-141	KIN-845-141	KIN_620_141	KIN-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-01	WT	G	3-4-24	1426		2			2							X	X	X			24021453-001
2	MW-02	WT	G	3-4-24	1230		2			2							X	X	X			24021453-002
3	MW-03	WT	G	3-4-24	1300		2			2							X	X	X			24021453-003
4	MW-04	WT	G	3-4-24	1323		2			2							X	X	X			24021453-004
5	MW-05	WT	G	3-4-24	1446		2			2							X	X	X			24021453-005
6	MW-06	WT	G				2			2							X	X	X			24021453-006
7	MW-07	WT	G				2			2							X	X	X			24021453-007
8	MW-07S	WT	G	3-4-24	1248		2			2							X	X				24021453-008
9	MW-08	WT	G				2			2							X	X	X			24021453-009
10	MW-08S	WT	G	3-4-24	DRY		2			2							X	X				24021453-010
11	MW-09	WT	G				2			2									X			24021453-011
12	MW-10	WT	G				2			2									X			24021453-012
13	MW-11	WT	G				2			2							X	X	X			24021453-013
14	MW-12	WT	G				2			2							X	X	X			24021453-014
15	MW-20	WT	G				2			2							X	X				24021453-015
16	MW-20S	WT	G	3-4-24	1109		2			2							X	X				24021453-016

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

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
KIN-24Q1 Rev 0 Radium, only	J. Colp	3-4	1645		3/4/24	1645	12.1 1167	>	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:	Justin Colp					
SIGNATURE of SAMPLER:	Justin Colp	DATE Signed (MM/DD/YY): 3-4-24				

* HNO_3 added to 2/2 containers (96331)

x HNO_3 added 1/2 containers

pH V 90719 cm 3/4

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

24021453

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

Company:	Vistra Corp-Kincaid
Address:	199 IL 104
	Kincaid, IL 62540
Email To:	Brian.Voelker@VistraCorp.com; Tim.Arnold@vistracorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker, Sam Davies
Copy To:	Tim Arnold
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

Attention:	Brian Voelker, Tim Arnold
Company Name:	Vistra Corp
Address:	see Section A
Quote Reference:	
Project Manager:	Liz Hurley
Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	KIN-257-141	KIN-845-141	KIN_620_141	KIN-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-23	WT	G				2			2							X	X				24021453-017
2	MW-27	WT	G				2			2							X	X				24021453-018
3	MW-28	WT	G				2			2							X	X				24021453-019
4	MW-30	WT	G				2			2							X	X				24021453-020
5	MW-31	WT	G				2			2							X	X				24021453-021
6	MW-31S	WT	G	3-4-24	1155		2			2							X	X				24021453-022
7	MW-32	WT	G				2			2							X	X				24021453-023
8	PZ4IA	WT	G				2			2										X		24021453-024
9	PZ4IC	WT	G				2			2							X	X				24021453-025
10	XPW01_pore	WT	G														X	X				N/A
11	XPW02_pore	WT	G														X	X				N/A
12	XPW03_pore	WT	G														X	X				N/A
13	XPW04_pore	WT	G														X	X				N/A
14	XSG-01	WT	G														X	X	X			N/A
15	YSG-02	WT	G														X	X	X			N/A
16	Field Blank	WT	G				2			2							X	X	X	X		24021453-026

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
KIN-24Q1 Rev 0	J. Colp	3-4	1645		3/4/24	1645	
Radium, only							

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 3-4-24

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

24021453

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 3

Section A Required Client Information:

Company: Vistra Corp-Kincaid
Address: 199 IL 104
Kincaid, IL 62540
Email To: Brian.Voelker@VistraCorp.com; Tim.Arnold@vistracorp.com
Phone: (217) 753-8911 Fax:
Requested Due Date/TAT: 10 day

Section B Required Project Information:

Report To: Brian Voelker, Sam Davies
Copy To: Tim Arnold
Purchase Order No.:
Project Name:
Project Number:

Section C Invoice Information:

Attention: Brian Voelker, Tim Arnold
Company Name: Vistra Corp
Address: see Section A
Quote Reference:
Project Manager: Liz Hurley
Profile #:

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	KIN-257-141	KIN-845-141	KIN_620_141	KIN-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-01	WT	G				2			2							X	X	X			24021453-001
2	MW-02	WT	G				2			2							X	X	X			24021453-002
3	MW-03	WT	G				2			2							X	X	X			24021453-003
4	MW-04	WT	G				2			2							X	X	X			24021453-004
5	MW-05	WT	G				2			2							X	X	X			24021453-005
6	MW-06	WT	G	3-5-24	1124		2			2							X	X	X			24021453-006
7	MW-07	WT	G	3-5-24	1326		2			2							X	X	X			24021453-007
8	MW-07S	WT	G				2			2							X	X				24021453-008
9	* MW-08	WT	G	3-5-24	1348		2			2							X	X	X			24021453-009
10	MW-08S	WT	G				2			2							X	X				24021453-010
11	MW-09	WT	G	3-5-24	1023		2			2									X			24021453-011
12	MW-10	WT	G	3-5-24	1106		2			2									X			24021453-012
13	* MW-11	WT	G	3-5-24	0932		2			2							X	X	X			24021453-013
14	* MW-12	WT	G	3-5-24	1257		2			2							X	X	X			24021453-014
15	* MW-20	WT	G	3-5-24	1048		2			2							X	X				24021453-015
16	MW-20S	WT	G				2			2							X	X				24021453-016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
KIN-24Q1 Rev 0 Radium, only	J. CdP	3-5	1535	Simon Gilardi	3/5/24	1535	8.5 °C	Y	N	Y

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Justin CdP
SIGNATURE of SAMPLER: Justin CdP
DATE Signed (MM/DD/YY): 3-5-24

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

PHV90719

Confidential

* added HNO3(9633)

LH 3/5/24

24021453

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

- Company: Vistra Corp-Kincaid
- Address: 199 IL 104, Kincaid, IL 62540
- Email To: Brian.Voelker@VistraCorp.com, Tim.Arnold@vistracorp.com
- Phone: (217) 753-8911 Fax:
- Requested Due Date/TAT: 10 day

Section B Required Project Information:

- Report To: Brian Voelker, Sam Davies
- Copy To: Tim Arnold
- Purchase Order No.:
- Project Name:
- Project Number:

Section C Invoice Information:

- Attention: Brian Voelker, Tim Arnold
- Company Name: Vistra Corp
- Address: see Section A
- Quote Reference:
- Project Manager: Liz Hurley
- Profile #:

REGULATORY AGENCY

NPDES | **GROUND WATER** | DRINKING WATER
UST | RCRA | OTHER

Site Location STATE: IL

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	KIN-257-141	KIN-845-141	KIN_620_141	KIN-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	* MW-23	WT	G	3-5-24	1008		2			2							X	X				24021453-017
2	* MW-27	WT	G	3-5-24	1135		2			2							X	X				24021453-018
3	MW-28	WT	G				2			2							X	X				24021453-019
4	MW-30	WT	G				2			2							X	X				24021453-020
5	MW-31	WT	G				2			2							X	X				24021453-021
6	MW-31S	WT	G				2			2							X	X				24021453-022
7	MW-32	WT	G				2			2							X	X				24021453-023
8	PZ4!A	WT	G				2			2										X		24021453-024
9	PZ4!C	WT	G				2			2							X	X				24021453-025
10	XPW01_pore	WT	G	3-5-24	1217												X	X				N/A
11	XPW02_pore	WT	G	3-5-24	1258												X	X				N/A
12	XPW03_pore	WT	G														X	X				N/A
13	XPW04_pore	WT	G														X	X				N/A
14	XSG-01	WT	G														X	X	X			N/A
15	YSG-02	WT	G														X	X	X			N/A
16	Field Blank	WT	G				2			2							X	X	X	X		24021453-026

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
KIN-24Q1 Rev 0	J. Colp	3-5	1535	[illegible signature]	3/5/24	1535		>	z	
Radium, only										

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

SAMPLER NAME AND SIGNATURE

- PRINT Name of SAMPLER: Justin Colp
- SIGNATURE of SAMPLER: [signature]
- DATE Signed (MM/DD/YY): 3-5-24

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

24021453

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of 3

Section A Required Client Information:

Company:	Vistra Corp-Kincaid
Address:	199 IL 104
	Kincaid, iL 62540
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker, Sam Davies
Copy To:	Tim Arnold
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

Attention:	Brian Voelker, Tim Arnold
Company Name:	Vistra Corp
Address:	see Section A
Quote Reference:	
Project Manager:	Liz Hurley
Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	KIN-257-141	KIN-845-141	KIN_620_141	KIN-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-08 Duplicate	WT	G	3-5-24	1348		2			2							X	X	X			24021453-027
2	Equipment Blank 1	WT	G				2			2							X	X	X	X		24021453-028
3	Equipment Blank 2	WT	G				2			2							X	X	X	X		24021453-029
4	Equipment Blank 3	WT	G				2			2							X	X	X	X		24021453-030
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						
16																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
KIN-24Q1 Rev 0	J. Colp	3-5	1535		3/5/24	1535	
Radium, only							

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 3-5-24

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

CHAIN-OF-CUSTODY / Analytical Request Document

24021453

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

Section A Required Client Information:

Company:	Vistra Corp-Kincaid
Address:	199 IL 104
	Kincaid, IL 62540
Email To:	Brian.Voelker@VistraCorp.com; Tim.Arnold@vistracorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker, Sam Davies
Copy To:	Tim Arnold
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

Attention:	Brian Voelker, Tim Arnold
Company Name:	Vistra Corp
Address:	see Section A
Quote Reference:	
Project Manager:	Liz Hurley
Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: KIN-257-141	KIN-845-141	KIN_620_141	KIN-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-23	WT	G				2			2							X	X				24021453-017
2	MW-27	WT	G				2			2							X	X				24021453-018
3	MW-28	WT	G	3-6-24	1123		2			2							X	X				24021453-019
4	MW-30	WT	G	3-6-24	1053		2			2							X	X				24021453-020
5	MW-31	WT	G	3-6-24	1125		2			2							X	X				24021453-021
6	MW-31S	WT	G				2			2							X	X				24021453-022
7	MW-32	WT	G	3-6-24	1153		2			2							X	X				24021453-023
8	PZ4!A	WT	G	3-6-24	0943		2			2										X		24021453-024
9	PZ4!C	WT	G	3-6-24	1004		2			2							X	X				24021453-025
10	XPW01_pore	WT	G														X	X				N/A
11	XPW02_pore	WT	G														X	X				N/A
12	XPW03_pore	WT	G	3-6-24	1019												X	X				N/A
13	XPW04_pore	WT	G	3-6-24	1048												X	X				N/A
14	XSG-01	WT	G														X	X	X			N/A
15	YSG-02	WT	G														X	X	X			N/A
16	Field Blank	WT	G	3-6-24	1211		2			2							X	X	X	X		24021453-026

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
KIN-24Q1 Rev 0	J. Colp	3-6	1505	Umber Dalla	3/6/24	1505
Radium, only						

SAMPLE CONDITIONS

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
8.5	Y	N	Y
1.6.5			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp

DATE Signed (MM/DD/YY): 3-6-24

pH ✓ 90719 Um 3/6/24

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

24021453

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Address:	199 IL 104
	Kincaid, IL 62540
Email To:	Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911	Fax:
Requested Due Date/TAT:	10 day

Section B Required Project Information:

Report To:	Brian Voelker, Sam Davies
Copy To:	Tim Arnold
Purchase Order No.:	
Project Name:	
Project Number:	

Section C Invoice Information:

Attention:	Brian Voelker, Tim Arnold
Company Name:	Vistra Corp
Address:	see Section A
Quote Reference:	
Project Manager:	Liz Hurley
Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER

Site Location STATE: IL

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	KIN-257-141	KIN-845-141	KIN_620_141	KIN-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-08 Duplicate	WT	G				2			2							X	X	X			24021453-027
2	Equipment Blank 1	WT	G	3-6-24	1214		2			2							X	X	X	X		24021453-028
3	Equipment Blank 2	WT	G				2			2							X	X	X	X		24021453-029
4	Equipment Blank 3	WT	G				2			2							X	X	X	X		24021453-030
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						
16																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
KIN-24Q1 Rev 0	J. Colp	3-6	1505		3/6/24	1505
Radium, only						

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 3-6-24

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/3/2024 2:56:07 PM

JOB DESCRIPTION

Radium-226 and Radium-228
24021453

JOB NUMBER

160-53402-1

Eurofins St. Louis
13715 Rider Trail North
Earth City MO 63045

See page two for job notes and contact information.

Eurofins St. Louis

Job Notes

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

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

Authorization

Generated
4/3/2024 2:56:07 PM

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

Table of Contents

CASE NARRATIVE

Client: TekLab, Inc

Project: 24021453

Report Number: 160-53402-1

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

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

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

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

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

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

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

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

The method blank (MB) z-score is within limits, unless stated otherwise below.

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

Reference the chain of custody and receipt report for any variations on receipt conditions.

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

Receipt
The samples were received on 3/7/2024 11:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved. The temperatures of the 3 coolers at receipt time were 15.4°C, 16.5°C and 18.2°C.

Method 903.0 - Radium-226 (GFPC)
Samples 24021453-001 (160-53402-1), 24021453-002 (160-53402-2), 24021453-003 (160-53402-3), 24021453-004 (160-53402-4), 24021453-005 (160-53402-5), 24021453-006 (160-53402-6), 24021453-007 (160-53402-7), 24021453-008 (160-53402-8), 24021453-009 (160-53402-9), 24021453-011 (160-53402-11), 24021453-012 (160-53402-12), 24021453-013 (160-53402-13), 24021453-014 (160-53402-14), 24021453-015 (160-53402-15), 24021453-016 (160-53402-16), 24021453-017 (160-53402-17), 24021453-018 (160-53402-18), 24021453-019 (160-53402-19), 24021453-020 (160-53402-20), 24021453-021 (160-53402-21), 24021453-022 (160-53402-22), 24021453-023 (160-53402-23), 24021453-024 (160-53402-24), 24021453-025 (160-53402-25), 24021453-026 (160-53402-26), 24021453-027 (160-53402-27) and 24021453-028 (160-53402-28) were analyzed for Radium-226 (GFPC). The samples were prepared on 3/8/2024 and analyzed on 4/1/2024 and 4/2/2024.

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

Method 904.0 - Radium-228 (GFPC)

Job ID: 160-53402-1 (Continued) — Eurofins St. Louis

Samples 24021453-001 (160-53402-1), 24021453-002 (160-53402-2), 24021453-003 (160-53402-3), 24021453-004 (160-53402-4), 24021453-005 (160-53402-5), 24021453-006 (160-53402-6), 24021453-007 (160-53402-7), 24021453-008 (160-53402-8), 24021453-009 (160-53402-9), 24021453-011 (160-53402-11), 24021453-012 (160-53402-12), 24021453-013 (160-53402-13), 24021453-014 (160-53402-14), 24021453-015 (160-53402-15), 24021453-016 (160-53402-16), 24021453-017 (160-53402-17), 24021453-018 (160-53402-18), 24021453-019 (160-53402-19), 24021453-020 (160-53402-20), 24021453-021 (160-53402-21), 24021453-022 (160-53402-22), 24021453-023 (160-53402-23), 24021453-024 (160-53402-24), 24021453-025 (160-53402-25), 24021453-026 (160-53402-26), 24021453-027 (160-53402-27) and 24021453-028 (160-53402-28) were analyzed for Radium-228 (GFPC). The samples were prepared on 3/8/2024 and analyzed on 3/29/2024.

Batch 160-651633:
The detection goal was not met for the following sample due to the reduced sample volume attributed to the presence of matrix interferences: 24021453-024 (160-53402-24) . Analytical results are reported with the detection limit achieved.

Batch 160-651631:
The detection goal was not met for the following samples due to the reduced sample volume attributed to the presence of matrix interferences: 24021453-002 (160-53402-2), 24021453-005 (160-53402-5) and 24021453-012 (160-53402-12) . Analytical results are reported with the detection limit achieved.

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

Method Ra226_Ra228 Pos - Combined Radium-226 and Radium-228
Samples 24021453-001 (160-53402-1), 24021453-002 (160-53402-2), 24021453-003 (160-53402-3), 24021453-004 (160-53402-4), 24021453-005 (160-53402-5), 24021453-006 (160-53402-6), 24021453-007 (160-53402-7), 24021453-008 (160-53402-8), 24021453-009 (160-53402-9), 24021453-011 (160-53402-11), 24021453-012 (160-53402-12), 24021453-013 (160-53402-13), 24021453-014 (160-53402-14), 24021453-015 (160-53402-15), 24021453-016 (160-53402-16), 24021453-017 (160-53402-17), 24021453-018 (160-53402-18), 24021453-019 (160-53402-19), 24021453-020 (160-53402-20), 24021453-021 (160-53402-21), 24021453-022 (160-53402-22), 24021453-023 (160-53402-23), 24021453-024 (160-53402-24), 24021453-025 (160-53402-25), 24021453-026 (160-53402-26), 24021453-027 (160-53402-27) and 24021453-028 (160-53402-28) were analyzed for Combined Radium-226 and Radium-228. The samples were analyzed on 4/3/2024.

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

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: Teklab, Inc. | QC Level: 2

Comments: **Please Issue reports and invoices via email only**
Please analyze for Radium 226/228 per standard GW methods (Vistra project).
Changes to methods must be approved by Teklab, Inc.
Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Project# 24021453

Contact: Elizabeth Hurley | Email: ehurley@teklabinc.com
Requested Due Date: Standad TAT | Billing/PO: 35863 | Phone: 618 344-1004 ext. 33

PLEASE NOTE:

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

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228 combined	Ra226	Ra228
	24021453-001	3/4/24 1426	HNO3	Groundwater	☑	☑	☑
	24021453-002	3/4/24 1230	HNO3	Groundwater	☑	☑	☑
	24021453-003	3/4/24 1300	HNO3	Groundwater	☑	☑	☑
	24021453-004	3/4/24 1323	HNO3	Groundwater	☑	☑	☑
	24021453-005	3/4/24 1446	HNO3	Groundwater	☑	☑	☑
	24021453-006	3/5/24 1124	HNO3	Groundwater	☑	☑	☑
	24021453-007	3/5/24 1326	HNO3	Groundwater	☑	☑	☑
	24021453-008	3/4/24 1248	HNO3	Groundwater	☑	☐	☐
	24021453-009	3/5/24 1348	HNO3	Groundwater	☑	☑	☑
	24021453-010	Dry	HNO3	Groundwater	☑	☐	☐
	24021453-011	3/5/24 1023	HNO3	Groundwater	☑	☑	☑

160-53402 Chain of Custody

*Relinquished By	Date/Time	Received By	Date/Time
	3/7/24 1025		3/7/24 1025
	3/7/24 1125		3/7/24 1125

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

SubCocRevA
3/2/2016

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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: Teklab, Inc. | QC Level: 2

Comments: **Please issue reports and invoices via email only**
Please analyze for Radium 226/228 per standard GW methods (Vistra project).
Changes to methods must be approved by Teklab, Inc.
Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Project# 24021453

Contact: Elizabeth Hurley | Email: ehurley@teklabinc.com
Requested Due Date: Standad TAT | Billing/PO: 35863 | Phone: 618 344-1004 ext. 33

PLEASE NOTE:

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

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228 combined	Ra226	Ra228										
	24021453-012	3/5/24 1106	HNO3	Groundwater	✔	✔	✔										
	24021453-013	3/5/24 0932	HNO3	Groundwater	✔	✔	✔										
	24021453-014	3/5/24 1257	HNO3	Groundwater	✔	✔	✔										
	24021453-015	3/5/24 1048	HNO3	Groundwater	✔												
	24021453-016	3/4/24 1109	HNO3	Groundwater	✔												
	24021453-017	3/5/24 1008	HNO3	Groundwater	✔												
	24021453-018	3/5/24 1135	HNO3	Groundwater	✔												
	24021453-019	3/6/24 1123	HNO3	Groundwater	✔												
	24021453-020	3/6/24 1053	HNO3	Groundwater	✔												
	24021453-021	3/6/24 1125	HNO3	Groundwater	✔												
	24021453-022	3/4/24 1155	HNO3	Groundwater	✔												

*Relinquished By	Date/Time	Received By	Date/Time
	3/7/24 1030		3/7/24 1030
	3/7/24 1425		3/7/24 1125

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SubCocRevA
3/2/2016

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

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: Teklab, Inc. | QC Level: 2

Comments: **Please Issue reports and invoices via email only**
Please analyze for Radium 226/228 per standard GW methods (Vistra project).
Changes to methods must be approved by Teklab, Inc.
Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Project# 24021453

Contact: Elizabeth Hurley | Email: ehurley@teklabinc.com
Requested Due Date: Standad TAT | Billing/PO: 35863 | Phone: 618 344-1004 ext. 33

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

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix	Ra226/228 combined	Ra226	Ra228									
	24021453-023	3/6/24 1153	HNO3	Groundwater	✔											
	24021453-024	3/6/24 0943	HNO3	Groundwater	✔											
	24021453-025	3/6/24 1004	HNO3	Groundwater	✔											
	24021453-026	3/6/24 1211	HNO3	Aqueous	✔	✔	✔									
	24021453-027	3/5/24 1348	HNO3	Groundwater	✔	✔	✔									
	24021453-028	3/6/24 1214	HNO3	Aqueous	✔	✔	✔									
			HNO3	Aqueous												
			HNO3	Aqueous												
			HNO3	Groundwater												
			HNO3	Groundwater												
			HNO3	Groundwater												

*Relinquished By	Date/Time	Received By	Date/Time
	3/7/24 1030		3/7/24 1030
	3/7/24 1125	Sinka Wagner	3/7/24 1125

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SubCocRevA
3/2/2016

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 1, 2024
KINCAID POWER PLANT, ASH POND
KIN-845-141

4/3/2024

Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-53402-1
SDG Number: 24021453

Login Number: 53402
List Number: 1
Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

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

Definitions/Glossary

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

Job ID: 160-53402-1
SDG: 24021453

Qualifiers

Rad

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

Glossary

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

Method Summary

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

Job ID: 160-53402-1
SDG: 24021453

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

Protocol References:

EPA = US Environmental Protection Agency

None = None

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

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

Sample Summary

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

Job ID: 160-53402-1
SDG: 24021453

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-53402-1	24021453-001	Water	03/04/24 14:26	03/07/24 11:25
160-53402-2	24021453-002	Water	03/04/24 12:30	03/07/24 11:25
160-53402-3	24021453-003	Water	03/04/24 13:00	03/07/24 11:25
160-53402-4	24021453-004	Water	03/04/24 13:23	03/07/24 11:25
160-53402-5	24021453-005	Water	03/04/24 14:46	03/07/24 11:25
160-53402-6	24021453-006	Water	03/05/24 11:24	03/07/24 11:25
160-53402-7	24021453-007	Water	03/05/24 13:26	03/07/24 11:25
160-53402-8	24021453-008	Water	03/04/24 12:48	03/07/24 11:25
160-53402-9	24021453-009	Water	03/05/24 13:48	03/07/24 11:25
160-53402-11	24021453-011	Water	03/05/24 10:23	03/07/24 11:25
160-53402-12	24021453-012	Water	03/05/24 11:06	03/07/24 11:25
160-53402-13	24021453-013	Water	03/05/24 09:32	03/07/24 11:25
160-53402-14	24021453-014	Water	03/05/24 12:57	03/07/24 11:25
160-53402-15	24021453-015	Water	03/05/24 10:48	03/07/24 11:25
160-53402-16	24021453-016	Water	03/04/24 11:09	03/07/24 11:25
160-53402-17	24021453-017	Water	03/05/24 10:08	03/07/24 11:25
160-53402-18	24021453-018	Water	03/05/24 11:35	03/07/24 11:25
160-53402-19	24021453-019	Water	03/06/24 11:23	03/07/24 11:25
160-53402-20	24021453-020	Water	03/06/24 10:53	03/07/24 11:25
160-53402-21	24021453-021	Water	03/06/24 11:25	03/07/24 11:25
160-53402-22	24021453-022	Water	03/04/24 11:55	03/07/24 11:25
160-53402-23	24021453-023	Water	03/06/24 11:53	03/07/24 11:25
160-53402-24	24021453-024	Water	03/06/24 09:43	03/07/24 11:25
160-53402-25	24021453-025	Water	03/06/24 10:04	03/07/24 11:25
160-53402-26	24021453-026	Water	03/06/24 12:11	03/07/24 11:25
160-53402-27	24021453-027	Water	03/05/24 13:48	03/07/24 11:25
160-53402-28	24021453-028	Water	03/06/24 12:14	03/07/24 11:25

Client Sample Results

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

Job ID: 160-53402-1
SDG: 24021453

Client Sample ID: 24021453-001

Date Collected: 03/04/24 14:26
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-1

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0986	U	0.0865	0.0870	1.00	0.125	pCi/L	03/08/24 09:38	04/01/24 12:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.9*		*30 - 110*	*03/08/24 09:38*	*04/01/24 12:27*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.289	U	0.358	0.359	1.00	0.594	pCi/L	03/08/24 09:43	03/29/24 12:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.9*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:06*	*1*
Y Carrier	*79.6*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:06*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.387	U	0.368	0.369	5.00	0.594	pCi/L		04/03/24 11:00	1

Client Sample ID: 24021453-002

Date Collected: 03/04/24 12:30
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-2

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.153	U	0.252	0.252	1.00	0.440	pCi/L	03/08/24 09:38	04/01/24 12:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*58.2*		*30 - 110*	*03/08/24 09:38*	*04/01/24 12:38*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.139	U G	0.802	0.802	1.00	1.57	pCi/L	03/08/24 09:43	03/29/24 12:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*58.2*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:06*	*1*
Y Carrier	*80.7*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:06*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.153	U	0.841	0.841	5.00	1.57	pCi/L		04/03/24 11:47	1

Client Sample Results

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

Job ID: 160-53402-1
SDG: 24021453

Client Sample ID: 24021453-003
Date Collected: 03/04/24 13:00
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-3
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.171	U	0.147	0.148	1.00	0.223	pCi/L	03/08/24 09:38	04/01/24 12:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*67.0*		*30 - 110*	*03/08/24 09:38*	*04/01/24 12:31*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.224	U	0.388	0.389	1.00	0.670	pCi/L	03/08/24 09:43	03/29/24 12:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*67.0*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:06*	*1*
Y Carrier	*78.5*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:06*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.395	U	0.415	0.416	5.00	0.670	pCi/L		04/03/24 11:47	1

Client Sample ID: 24021453-004
Date Collected: 03/04/24 13:23
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-4
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.220**		0.120	0.121	1.00	0.140	pCi/L	03/08/24 09:38	04/01/24 15:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.3*		*30 - 110*	*03/08/24 09:38*	*04/01/24 15:23*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0950	U	0.285	0.285	1.00	0.513	pCi/L	03/08/24 09:43	03/29/24 12:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.3*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:06*	*1*
Y Carrier	*82.2*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:06*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.315	U	0.309	0.310	5.00	0.513	pCi/L		04/03/24 11:47	1

Client Sample Results

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

Job ID: 160-53402-1
SDG: 24021453

Client Sample ID: 24021453-005
Date Collected: 03/04/24 14:46
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-5
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.262	U	0.288	0.289	1.00	0.466	pCi/L	03/08/24 09:38	04/01/24 15:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.2*		*30 - 110*	*03/08/24 09:38*	*04/01/24 15:23*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.08	U G	0.917	0.922	1.00	1.44	pCi/L	03/08/24 09:43	03/29/24 12:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.2*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:07*	*1*
Y Carrier	*80.4*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:07*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.34	U	0.961	0.966	5.00	1.44	pCi/L		04/03/24 11:47	1

Client Sample ID: 24021453-006
Date Collected: 03/05/24 11:24
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-6
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.200	U	0.160	0.161	1.00	0.235	pCi/L	03/08/24 09:38	04/01/24 15:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*60.8*		*30 - 110*	*03/08/24 09:38*	*04/01/24 15:23*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.523	U	0.489	0.492	1.00	0.779	pCi/L	03/08/24 09:43	03/29/24 12:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*60.8*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:07*	*1*
Y Carrier	*84.1*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:07*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.724	U	0.515	0.518	5.00	0.779	pCi/L		04/03/24 11:47	1

Client Sample Results

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

Job ID: 160-53402-1
SDG: 24021453

Client Sample ID: 24021453-007

Lab Sample ID: 160-53402-7
Date Collected: 03/05/24 13:26
Matrix: Water
Date Received: 03/07/24 11:25

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.165		0.100	0.102	1.00	0.125	pCi/L	03/08/24 09:38	04/01/24 15:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.1*		*30 - 110*	*03/08/24 09:38*	*04/01/24 15:25*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.234	U	0.326	0.327	1.00	0.548	pCi/L	03/08/24 09:43	03/29/24 12:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.1*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:07*	*1*
Y Carrier	*74.0*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:07*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.399	U	0.341	0.343	5.00	0.548	pCi/L		04/03/24 11:47	1

Client Sample ID: 24021453-008

Lab Sample ID: 160-53402-8
Date Collected: 03/04/24 12:48
Matrix: Water
Date Received: 03/07/24 11:25

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0949	U	0.122	0.122	1.00	0.203	pCi/L	03/08/24 09:38	04/01/24 15:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.6*		*30 - 110*	*03/08/24 09:38*	*04/01/24 15:26*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.513	U	0.453	0.455	1.00	0.715	pCi/L	03/08/24 09:43	03/29/24 12:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.6*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:07*	*1*
Y Carrier	*82.2*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:07*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.608	U	0.469	0.471	5.00	0.715	pCi/L		04/03/24 11:47	1

Client Sample Results

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

Job ID: 160-53402-1
SDG: 24021453

Client Sample ID: 24021453-009
Date Collected: 03/05/24 13:48
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-9
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0836	U	0.0867	0.0871	1.00	0.136	pCi/L	03/08/24 09:38	04/01/24 15:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.3*		*30 - 110*	*03/08/24 09:38*	*04/01/24 15:26*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.171	U	0.311	0.311	1.00	0.535	pCi/L	03/08/24 09:43	03/29/24 12:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.3*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:07*	*1*
Y Carrier	*83.7*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:07*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.255	U	0.323	0.323	5.00	0.535	pCi/L		04/03/24 11:47	1

Client Sample ID: 24021453-011
Date Collected: 03/05/24 10:23
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-11
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.138	U	0.144	0.145	1.00	0.227	pCi/L	03/08/24 09:38	04/01/24 15:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.5*		*30 - 110*	*03/08/24 09:38*	*04/01/24 15:26*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.771	U	0.558	0.563	1.00	0.844	pCi/L	03/08/24 09:43	03/29/24 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.5*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:08*	*1*
Y Carrier	*81.5*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:08*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.909**		0.576	0.581	5.00	0.844	pCi/L		04/03/24 11:47	1

Client Sample Results

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

Job ID: 160-53402-1
SDG: 24021453

Client Sample ID: 24021453-012
Date Collected: 03/05/24 11:06
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-12
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.197	U	0.196	0.196	1.00	0.298	pCi/L	03/08/24 09:38	04/01/24 15:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*46.4*		*30 - 110*	*03/08/24 09:38*	*04/01/24 15:27*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.49**	**G**	0.972	0.982	1.00	1.44	pCi/L	03/08/24 09:43	03/29/24 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*46.4*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:08*	*1*
Y Carrier	*79.3*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:08*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**1.68**		0.992	1.00	5.00	1.44	pCi/L		04/03/24 11:47	1

Client Sample ID: 24021453-013
Date Collected: 03/05/24 09:32
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-13
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.208**		0.111	0.112	1.00	0.125	pCi/L	03/08/24 09:38	04/01/24 15:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.3*		*30 - 110*	*03/08/24 09:38*	*04/01/24 15:27*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.352	U	0.342	0.343	1.00	0.548	pCi/L	03/08/24 09:43	03/29/24 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.3*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:08*	*1*
Y Carrier	*80.4*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:08*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.560**		0.360	0.361	5.00	0.548	pCi/L		04/03/24 11:47	1

Client Sample Results

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

Job ID: 160-53402-1
SDG: 24021453

Client Sample ID: 24021453-014
Date Collected: 03/05/24 12:57
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-14
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.299		0.122	0.125	1.00	0.119	pCi/L	03/08/24 09:38	04/01/24 15:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*103*		*30 - 110*	*03/08/24 09:38*	*04/01/24 15:27*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.443		0.296	0.299	1.00	0.437	pCi/L	03/08/24 09:43	03/29/24 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*103*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:08*	*1*
Y Carrier	*82.2*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:08*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.742		0.320	0.324	5.00	0.437	pCi/L		04/03/24 11:47	1

Client Sample ID: 24021453-015
Date Collected: 03/05/24 10:48
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-15
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.102	U	0.118	0.119	1.00	0.194	pCi/L	03/08/24 09:38	04/01/24 15:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.2*		*30 - 110*	*03/08/24 09:38*	*04/01/24 15:27*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.251	U	0.280	0.281	1.00	0.458	pCi/L	03/08/24 09:43	03/29/24 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.2*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:08*	*1*
Y Carrier	*83.4*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:08*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.354	U	0.304	0.305	5.00	0.458	pCi/L		04/03/24 11:47	1

Client Sample Results

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

Job ID: 160-53402-1
SDG: 24021453

Client Sample ID: 24021453-016
Date Collected: 03/04/24 11:09
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-16
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.112	U	0.0973	0.0978	1.00	0.146	pCi/L	03/08/24 09:38	04/01/24 15:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*102*		*30 - 110*	*03/08/24 09:38*	*04/01/24 15:27*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.392	U	0.320	0.322	1.00	0.498	pCi/L	03/08/24 09:43	03/29/24 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*102*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:09*	*1*
Y Carrier	*83.7*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:09*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.505**		0.334	0.337	5.00	0.498	pCi/L		04/03/24 11:47	1

Client Sample ID: 24021453-017
Date Collected: 03/05/24 10:08
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-17
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00701	U	0.0919	0.0919	1.00	0.189	pCi/L	03/08/24 09:38	04/01/24 15:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*104*		*30 - 110*	*03/08/24 09:38*	*04/01/24 15:32*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.690**		0.331	0.337	1.00	0.446	pCi/L	03/08/24 09:43	03/29/24 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*104*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:09*	*1*
Y Carrier	*83.0*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:09*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.690**		0.344	0.349	5.00	0.446	pCi/L		04/03/24 11:47	1

Client Sample Results

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

Job ID: 160-53402-1
SDG: 24021453

Client Sample ID: 24021453-018
Date Collected: 03/05/24 11:35
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-18
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.192	U	0.155	0.156	1.00	0.233	pCi/L	03/08/24 09:38	04/01/24 15:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.8*		*30 - 110*	*03/08/24 09:38*	*04/01/24 15:32*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.04**		0.506	0.515	1.00	0.680	pCi/L	03/08/24 09:43	03/29/24 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.8*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:09*	*1*
Y Carrier	*78.1*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:09*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**1.23**		0.529	0.538	5.00	0.680	pCi/L		04/03/24 11:47	1

Client Sample ID: 24021453-019
Date Collected: 03/06/24 11:23
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-19
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0158	U	0.0850	0.0850	1.00	0.163	pCi/L	03/08/24 09:38	04/01/24 15:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*100*		*30 - 110*	*03/08/24 09:38*	*04/01/24 15:32*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.773**		0.341	0.348	1.00	0.449	pCi/L	03/08/24 09:43	03/29/24 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*100*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:09*	*1*
Y Carrier	*88.2*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:09*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.789**		0.351	0.358	5.00	0.449	pCi/L		04/03/24 11:47	1

Client Sample Results

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

Job ID: 160-53402-1
SDG: 24021453

Client Sample ID: 24021453-020
Date Collected: 03/06/24 10:53
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-20
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.298		0.131	0.134	1.00	0.149	pCi/L	03/08/24 09:38	04/01/24 15:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*101*		*30 - 110*	*03/08/24 09:38*	*04/01/24 15:32*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.22		0.437	0.451	1.00	0.547	pCi/L	03/08/24 09:43	03/29/24 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*101*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:09*	*1*
Y Carrier	*79.6*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:09*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.52		0.456	0.470	5.00	0.547	pCi/L		04/03/24 11:47	1

Client Sample ID: 24021453-021
Date Collected: 03/06/24 11:25
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-21
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.289		0.129	0.132	1.00	0.149	pCi/L	03/08/24 09:38	04/01/24 15:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.7*		*30 - 110*	*03/08/24 09:38*	*04/01/24 15:32*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.15		0.385	0.399	1.00	0.450	pCi/L	03/08/24 09:43	03/29/24 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.7*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:10*	*1*
Y Carrier	*84.5*		*30 - 110*	*03/08/24 09:43*	*03/29/24 12:10*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.44		0.406	0.420	5.00	0.450	pCi/L		04/03/24 11:47	1

Client Sample Results

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

Job ID: 160-53402-1
SDG: 24021453

Client Sample ID: 24021453-022
Date Collected: 03/04/24 11:55
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-22
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.234		0.149	0.151	1.00	0.210	pCi/L	03/08/24 09:49	04/02/24 10:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.5*		*30 - 110*	*03/08/24 09:49*	*04/02/24 10:04*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.04		0.578	0.586	1.00	0.820	pCi/L	03/08/24 09:58	03/29/24 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.5*		*30 - 110*	*03/08/24 09:58*	*03/29/24 12:10*	*1*
Y Carrier	*64.7*		*30 - 110*	*03/08/24 09:58*	*03/29/24 12:10*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.28		0.597	0.605	5.00	0.820	pCi/L		04/03/24 11:47	1

Client Sample ID: 24021453-023
Date Collected: 03/06/24 11:53
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-23
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0768	U	0.0998	0.100	1.00	0.166	pCi/L	03/08/24 09:49	04/02/24 10:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.3*		*30 - 110*	*03/08/24 09:49*	*04/02/24 10:04*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.35		0.520	0.534	1.00	0.669	pCi/L	03/08/24 09:58	03/29/24 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.3*		*30 - 110*	*03/08/24 09:58*	*03/29/24 12:10*	*1*
Y Carrier	*78.1*		*30 - 110*	*03/08/24 09:58*	*03/29/24 12:10*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.42		0.529	0.543	5.00	0.669	pCi/L		04/03/24 11:47	1

Client Sample Results

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

Job ID: 160-53402-1
SDG: 24021453

Client Sample ID: 24021453-024
Date Collected: 03/06/24 09:43
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-24
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.110	U	0.280	0.280	1.00	0.538	pCi/L	03/08/24 09:49	04/02/24 10:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*32.5*		*30 - 110*	*03/08/24 09:49*	*04/02/24 10:05*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.52	U G	2.12	2.13	1.00	3.33	pCi/L	03/08/24 09:58	03/29/24 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*32.5*		*30 - 110*	*03/08/24 09:58*	*03/29/24 12:11*	*1*
Y Carrier	*81.9*		*30 - 110*	*03/08/24 09:58*	*03/29/24 12:11*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	2.63	U	2.14	2.15	5.00	3.33	pCi/L		04/03/24 11:47	1

Client Sample ID: 24021453-025
Date Collected: 03/06/24 10:04
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-25
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.328**		0.143	0.146	1.00	0.160	pCi/L	03/08/24 09:49	04/02/24 10:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.2*		*30 - 110*	*03/08/24 09:49*	*04/02/24 10:05*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.46**		0.591	0.606	1.00	0.752	pCi/L	03/08/24 09:58	03/29/24 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.2*		*30 - 110*	*03/08/24 09:58*	*03/29/24 12:11*	*1*
Y Carrier	*64.3*		*30 - 110*	*03/08/24 09:58*	*03/29/24 12:11*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**1.79**		0.608	0.623	5.00	0.752	pCi/L		04/03/24 11:47	1

Client Sample Results

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

Job ID: 160-53402-1
SDG: 24021453

Client Sample ID: 24021453-026
Date Collected: 03/06/24 12:11
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-26
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0119	U	0.0712	0.0712	1.00	0.143	pCi/L	03/08/24 09:49	04/02/24 10:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*30 - 110*	*03/08/24 09:49*	*04/02/24 10:05*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.453	U	0.385	0.387	1.00	0.604	pCi/L	03/08/24 09:58	03/29/24 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*30 - 110*	*03/08/24 09:58*	*03/29/24 12:11*	*1*
Y Carrier	*83.4*		*30 - 110*	*03/08/24 09:58*	*03/29/24 12:11*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.465	U	0.392	0.393	5.00	0.604	pCi/L		04/03/24 11:47	1

Client Sample ID: 24021453-027
Date Collected: 03/05/24 13:48
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-27
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0263	U	0.0604	0.0604	1.00	0.113	pCi/L	03/08/24 09:49	04/02/24 10:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.5*		*30 - 110*	*03/08/24 09:49*	*04/02/24 10:06*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.721**		0.399	0.404	1.00	0.566	pCi/L	03/08/24 09:58	03/29/24 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.5*		*30 - 110*	*03/08/24 09:58*	*03/29/24 12:11*	*1*
Y Carrier	*77.0*		*30 - 110*	*03/08/24 09:58*	*03/29/24 12:11*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	**0.747**		0.404	0.408	5.00	0.566	pCi/L		04/03/24 11:47	1

Client Sample Results

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

Job ID: 160-53402-1
SDG: 24021453

Client Sample ID: 24021453-028

Date Collected: 03/06/24 12:14
Date Received: 03/07/24 11:25

Lab Sample ID: 160-53402-28

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0316	U	0.0652	0.0653	1.00	0.120	pCi/L	03/08/24 09:49	04/02/24 10:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.4*		*30 - 110*	*03/08/24 09:49*	*04/02/24 10:06*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.459	U	0.353	0.356	1.00	0.540	pCi/L	03/08/24 09:58	03/29/24 12:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.4*		*30 - 110*	*03/08/24 09:58*	*03/29/24 12:11*	*1*
Y Carrier	*81.9*		*30 - 110*	*03/08/24 09:58*	*03/29/24 12:11*	*1*

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.490	U	0.359	0.362	5.00	0.540	pCi/L		04/03/24 11:47	1

QC Sample Results

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

Job ID: 160-53402-1
SDG: 24021453

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-651630/1-A
Matrix: Water
Analysis Batch: 654861

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 651630

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.07329	U	0.0953	0.0955	1.00	0.159	pCi/L	03/08/24 09:38	04/01/24 12:25	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.5*		*30 - 110*	*03/08/24 09:38*	*04/01/24 12:25*	*1*

Lab Sample ID: LCS 160-651630/2-A
Matrix: Water
Analysis Batch: 654861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 651630

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	10.52		1.15	1.00	0.123	pCi/L	93	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*101*		*30 - 110*

Lab Sample ID: 160-53402-7 DU
Matrix: Water
Analysis Batch: 654947

Client Sample ID: 24021453-007
Prep Type: Total/NA
Prep Batch: 651630

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.165			0.2097		0.120	1.00	0.153	pCi/L			0.20	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*89.7*		*30 - 110*

Lab Sample ID: MB 160-651632/1-A
Matrix: Water
Analysis Batch: 654947

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 651632

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02020	U	0.0629	0.0629	1.00	0.123	pCi/L	03/08/24 09:49	04/02/24 10:04	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.4*		*30 - 110*	*03/08/24 09:49*	*04/02/24 10:04*	*1*

Lab Sample ID: LCS 160-651632/2-A
Matrix: Water
Analysis Batch: 654947

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 651632

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	10.27		1.12	1.00	0.132	pCi/L	91	75 - 125		

QC Sample Results

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

Job ID: 160-53402-1
SDG: 24021453

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

Lab Sample ID: LCS 160-651632/2-A
Matrix: Water
Analysis Batch: 654947

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 651632

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	95.4		30 - 110

Lab Sample ID: 160-53402-23 DU
Matrix: Water
Analysis Batch: 654947

Client Sample ID: 24021453-023
Prep Type: Total/NA
Prep Batch: 651632

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0768	U		0.02614	U	0.0635	1.00	0.119	pCi/L			0.31	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	95.9		30 - 110

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-651631/1-A
Matrix: Water
Analysis Batch: 654565

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 651631

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3945	U	0.303	0.305	1.00	0.461	pCi/L	03/08/24 09:43	03/29/24 12:06	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	98.5		30 - 110	03/08/24 09:43	03/29/24 12:06	1
Y Carrier	81.9		30 - 110	03/08/24 09:43	03/29/24 12:06	1

Lab Sample ID: LCS 160-651631/2-A
Matrix: Water
Analysis Batch: 654565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 651631

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.08	9.034		1.24	1.00	0.494	pCi/L	99	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	101		30 - 110
Y Carrier	76.6		30 - 110

Lab Sample ID: 160-53402-7 DU
Matrix: Water
Analysis Batch: 654565

Client Sample ID: 24021453-007
Prep Type: Total/NA
Prep Batch: 651631

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.234	U		0.2717	U	0.332	1.00	0.547	pCi/L			0.06	1

QC Sample Results

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

Job ID: 160-53402-1
SDG: 24021453

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

Lab Sample ID: 160-53402-7 DU
Matrix: Water
Analysis Batch: 654565

Client Sample ID: 24021453-007
Prep Type: Total/NA
Prep Batch: 651631

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	89.7		30 - 110
Y Carrier	78.1		30 - 110

Lab Sample ID: MB 160-651633/1-A
Matrix: Water
Analysis Batch: 654534

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 651633

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5203		0.333	0.337	1.00	0.481	pCi/L	03/08/24 09:58	03/29/24 12:10	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.4		30 - 110	03/08/24 09:58	03/29/24 12:10	1
Y Carrier	82.2		30 - 110	03/08/24 09:58	03/29/24 12:10	1

Lab Sample ID: LCS 160-651633/2-A
Matrix: Water
Analysis Batch: 654534

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 651633

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.08	10.94		1.42	1.00	0.472	pCi/L	121	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	95.4		30 - 110
Y Carrier	81.9		30 - 110

Lab Sample ID: 160-53402-23 DU
Matrix: Water
Analysis Batch: 654534

Client Sample ID: 24021453-023
Prep Type: Total/NA
Prep Batch: 651633

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	1.35			0.7309		0.452	1.00	0.666	pCi/L			0.63	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	95.9		30 - 110
Y Carrier	78.1		30 - 110

QC Association Summary

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

Job ID: 160-53402-1
SDG: 24021453

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Prep Batch: 651630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-53402-1	24021453-001	Total/NA	Water	PrecSep-21	
160-53402-2	24021453-002	Total/NA	Water	PrecSep-21	
160-53402-3	24021453-003	Total/NA	Water	PrecSep-21	
160-53402-4	24021453-004	Total/NA	Water	PrecSep-21	
160-53402-5	24021453-005	Total/NA	Water	PrecSep-21	
160-53402-6	24021453-006	Total/NA	Water	PrecSep-21	
160-53402-7	24021453-007	Total/NA	Water	PrecSep-21	
160-53402-8	24021453-008	Total/NA	Water	PrecSep-21	
160-53402-9	24021453-009	Total/NA	Water	PrecSep-21	
160-53402-11	24021453-011	Total/NA	Water	PrecSep-21	
160-53402-12	24021453-012	Total/NA	Water	PrecSep-21	
160-53402-13	24021453-013	Total/NA	Water	PrecSep-21	
160-53402-14	24021453-014	Total/NA	Water	PrecSep-21	
160-53402-15	24021453-015	Total/NA	Water	PrecSep-21	
160-53402-16	24021453-016	Total/NA	Water	PrecSep-21	
160-53402-17	24021453-017	Total/NA	Water	PrecSep-21	
160-53402-18	24021453-018	Total/NA	Water	PrecSep-21	
160-53402-19	24021453-019	Total/NA	Water	PrecSep-21	
160-53402-20	24021453-020	Total/NA	Water	PrecSep-21	
160-53402-21	24021453-021	Total/NA	Water	PrecSep-21	
MB 160-651630/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-651630/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-53402-7 DU	24021453-007	Total/NA	Water	PrecSep-21	

Prep Batch: 651631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-53402-1	24021453-001	Total/NA	Water	PrecSep_0	
160-53402-2	24021453-002	Total/NA	Water	PrecSep_0	
160-53402-3	24021453-003	Total/NA	Water	PrecSep_0	
160-53402-4	24021453-004	Total/NA	Water	PrecSep_0	
160-53402-5	24021453-005	Total/NA	Water	PrecSep_0	
160-53402-6	24021453-006	Total/NA	Water	PrecSep_0	
160-53402-7	24021453-007	Total/NA	Water	PrecSep_0	
160-53402-8	24021453-008	Total/NA	Water	PrecSep_0	
160-53402-9	24021453-009	Total/NA	Water	PrecSep_0	
160-53402-11	24021453-011	Total/NA	Water	PrecSep_0	
160-53402-12	24021453-012	Total/NA	Water	PrecSep_0	
160-53402-13	24021453-013	Total/NA	Water	PrecSep_0	
160-53402-14	24021453-014	Total/NA	Water	PrecSep_0	
160-53402-15	24021453-015	Total/NA	Water	PrecSep_0	
160-53402-16	24021453-016	Total/NA	Water	PrecSep_0	
160-53402-17	24021453-017	Total/NA	Water	PrecSep_0	
160-53402-18	24021453-018	Total/NA	Water	PrecSep_0	
160-53402-19	24021453-019	Total/NA	Water	PrecSep_0	
160-53402-20	24021453-020	Total/NA	Water	PrecSep_0	
160-53402-21	24021453-021	Total/NA	Water	PrecSep_0	
MB 160-651631/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-651631/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-53402-7 DU	24021453-007	Total/NA	Water	PrecSep_0	

QC Association Summary

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

Job ID: 160-53402-1
SDG: 24021453

Rad

Prep Batch: 651632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-53402-22	24021453-022	Total/NA	Water	PrecSep-21	
160-53402-23	24021453-023	Total/NA	Water	PrecSep-21	
160-53402-24	24021453-024	Total/NA	Water	PrecSep-21	
160-53402-25	24021453-025	Total/NA	Water	PrecSep-21	
160-53402-26	24021453-026	Total/NA	Water	PrecSep-21	
160-53402-27	24021453-027	Total/NA	Water	PrecSep-21	
160-53402-28	24021453-028	Total/NA	Water	PrecSep-21	
MB 160-651632/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-651632/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-53402-23 DU	24021453-023	Total/NA	Water	PrecSep-21	

Prep Batch: 651633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-53402-22	24021453-022	Total/NA	Water	PrecSep_0	
160-53402-23	24021453-023	Total/NA	Water	PrecSep_0	
160-53402-24	24021453-024	Total/NA	Water	PrecSep_0	
160-53402-25	24021453-025	Total/NA	Water	PrecSep_0	
160-53402-26	24021453-026	Total/NA	Water	PrecSep_0	
160-53402-27	24021453-027	Total/NA	Water	PrecSep_0	
160-53402-28	24021453-028	Total/NA	Water	PrecSep_0	
MB 160-651633/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-651633/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-53402-23 DU	24021453-023	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

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

Job ID: 160-53402-1
SDG: 24021453

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
Lab Sample ID	Client Sample ID	Ba (30-110)
160-53402-1	24021453-001	96.9
160-53402-2	24021453-002	58.2
160-53402-3	24021453-003	67.0
160-53402-4	24021453-004	85.3
160-53402-5	24021453-005	74.2
160-53402-6	24021453-006	60.8
160-53402-7	24021453-007	96.1
160-53402-7 DU	24021453-007	89.7
160-53402-8	24021453-008	95.6
160-53402-9	24021453-009	94.3
160-53402-11	24021453-011	75.5
160-53402-12	24021453-012	46.4
160-53402-13	24021453-013	94.3
160-53402-14	24021453-014	103
160-53402-15	24021453-015	98.2
160-53402-16	24021453-016	102
160-53402-17	24021453-017	104
160-53402-18	24021453-018	92.8
160-53402-19	24021453-019	100
160-53402-20	24021453-020	101
160-53402-21	24021453-021	99.7
160-53402-22	24021453-022	75.5
160-53402-23	24021453-023	85.3
160-53402-23 DU	24021453-023	95.9
160-53402-24	24021453-024	32.5
160-53402-25	24021453-025	80.2
160-53402-26	24021453-026	83.2
160-53402-27	24021453-027	92.5
160-53402-28	24021453-028	88.4
LCS 160-651630/2-A	Lab Control Sample	101
LCS 160-651632/2-A	Lab Control Sample	95.4
MB 160-651630/1-A	Method Blank	98.5
MB 160-651632/1-A	Method Blank	89.4

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
160-53402-1	24021453-001	96.9	79.6
160-53402-2	24021453-002	58.2	80.7
160-53402-3	24021453-003	67.0	78.5
160-53402-4	24021453-004	85.3	82.2
160-53402-5	24021453-005	74.2	80.4
160-53402-6	24021453-006	60.8	84.1
160-53402-7	24021453-007	96.1	74.0

Tracer/Carrier Summary

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

Job ID: 160-53402-1
SDG: 24021453

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

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
160-53402-7 DU	24021453-007	89.7	78.1
160-53402-8	24021453-008	95.6	82.2
160-53402-9	24021453-009	94.3	83.7
160-53402-11	24021453-011	75.5	81.5
160-53402-12	24021453-012	46.4	79.3
160-53402-13	24021453-013	94.3	80.4
160-53402-14	24021453-014	103	82.2
160-53402-15	24021453-015	98.2	83.4
160-53402-16	24021453-016	102	83.7
160-53402-17	24021453-017	104	83.0
160-53402-18	24021453-018	92.8	78.1
160-53402-19	24021453-019	100	88.2
160-53402-20	24021453-020	101	79.6
160-53402-21	24021453-021	99.7	84.5
160-53402-22	24021453-022	75.5	64.7
160-53402-23	24021453-023	85.3	78.1
160-53402-23 DU	24021453-023	95.9	78.1
160-53402-24	24021453-024	32.5	81.9
160-53402-25	24021453-025	80.2	64.3
160-53402-26	24021453-026	83.2	83.4
160-53402-27	24021453-027	92.5	77.0
160-53402-28	24021453-028	88.4	81.9
LCS 160-651631/2-A	Lab Control Sample	101	76.6
LCS 160-651633/2-A	Lab Control Sample	95.4	81.9
MB 160-651631/1-A	Method Blank	98.5	81.9
MB 160-651633/1-A	Method Blank	89.4	82.2

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Kincaid- 1Q 2024

			Weather				Well Condition				
WO Sample	**Well ID**	**Program/ Sample Type**	**Temp (°F)**	**Precipitation**	**Wind Direction**	**Sky**	**Well Pad**	**Casing**	**Protective Cover**	**Reference Mark/ ID**	**Well Locked**
001	MW-01	Groundwater Sample	68.0	None	N	Clear	Good	Good	Good	Yes	Yes
002	MW-02	Groundwater Sample	69.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
003	MW-03	Groundwater Sample	73.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
004	MW-04	Groundwater Sample	75.0	None	N	Partly cloudy	Good	Good	Good	Yes	Yes
005	MW-05	Groundwater Sample	75.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
006	MW-06	Groundwater Sample	55.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
007	MW-07	Groundwater Sample	56.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
008	MW-07S	Groundwater Sample	67.0	None	N	Clear	Good	Good	Good	Yes	Yes
009	MW-08	Groundwater Sample	56.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
010	MW-08S	Groundwater Sample	68.0	None	N	Clear	Good	Good	Good	Yes	Yes
011	MW-09	Groundwater Sample	53.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
012	MW-10	Groundwater Sample	53.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
013	MW-11	Groundwater Sample	51.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
014	MW-12	Groundwater Sample	55.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
015	MW-20	Groundwater Sample	53.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
016	MW-20S	Groundwater Sample	66.0	None	N	Clear	Good	Good	Good	Yes	Yes
017	MW-23	Groundwater Sample	52.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
018	MW-27	Groundwater Sample	68.0	None	N	Clear	Good	Good	Good	Yes	Yes
019	MW-28	Groundwater Sample	52.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
020	MW-30	Groundwater Sample	50.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
021	MW-31	Groundwater Sample	52.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
022	MW-31S	Groundwater Sample	66.0	None	N	Clear	Good	Good	Good	Yes	Yes
023	MW-32	Groundwater Sample	53.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
024	PZ4!A	Groundwater Sample	45.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
025	PZ4!C	Groundwater Sample	46.0	None	N	Cloudy	Good	Good	Good	Yes	Yes
026	XPW01_pore	Groundwater Sample	53.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
027	XPW02_pore	Groundwater Sample	53.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
028	XPW03_pore	Groundwater Sample	47.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
029	XPW04_pore	Groundwater Sample	51.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
030	XSG-01	DTW Only	64.0	None	N	Clear					
031	YSG-02	DTW Only	64.0	None	N	Clear					
032	Field Blank	QA/QC Sample	66.0	None	N	Clear					
033	MW-08 Duplicate	QA/QC Sample	56.0	None	S	Cloudy	Good	Good	Good	Yes	Yes
034	Equipment Blank 1	QA/QC Sample	66.0	None	N	Clear					

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Kincaid- 1Q 2024

		GW Level Measurement				Purge Activities							
WO Sample	**Well ID**	**Sampler Initials**	**Date/Time**	**DTW (ft)**	**DTB (ft)**	**Sampler Initials**	**Purge Date**	**Purge Start Time**	**Purge End Time**	**Purging Device**	**Well Diameter (in)**	**Actual Volume Purged (L)**	**Purge Rate (mL/min)**
001	MW-01	DC	3/4/24 14:05	17.00	27.10	DC	3/4/2024	14:06	14:26	Peristaltic Pump	2"	4.0	200.0
002	MW-02	JC	3/4/24 11:20	7.34	22.20	JC	3/4/2024	11:20	12:30	Bladder Pump	2"	8.5	121.4
003	MW-03	JC	3/4/24 12:45	8.63	26.20	JC	3/4/2024	12:45	13:00	Bladder Pump	2"	3.0	200.0
004	MW-04	JC	3/4/24 13:09	7.59	24.40	JC	3/4/2024	13:09	13:23	Bladder Pump	2"	3.0	214.3
005	MW-05	JC	3/4/24 13:34	25.93	41.70	JC	3/4/2024	13:34	14:46	Bladder Pump	2"	8.0	111.1
006	MW-06	JC	3/5/24 11:06	9.52	22.00	JC	3/5/2024	11:06	11:24	Bladder Pump	2"	3.5	194.4
007	MW-07	JC	3/5/24 13:07	4.80	21.80	JC	3/5/2024	13:07	13:26	Bladder Pump	2"	3.0	157.9
008	MW-07S	DC	3/4/24 12:21	10.53	17.05	DC	3/4/2024	12:22	12:48	Peristaltic Pump	2"	5.0	192.3
009	MW-08	JC	3/5/24 13:36	8.07	24.00	JC	3/5/2024	13:37	13:48	Bladder Pump	2"	2.0	181.8
010	MW-08S	DC	3/4/24 13:48	9.60	10.02	DC	3/4/2024	13:50	14:11	Peristaltic Pump	2"	3.0	142.9
011	MW-09	DC	3/5/24 9:49	12.90	21.80	DC	3/5/2024	09:52	10:23	Peristaltic Pump	2"	4.0	129.0
012	MW-10	DC	3/5/24 10:41	11.95	21.90	DC	3/5/2024	10:44	11:06	Peristaltic Pump	2"	4.0	181.8
013	MW-11	JC	3/5/24 9:20	11.46	23.50	JC	3/5/2024	09:20	09:32	Bladder Pump	2"	2.0	166.7
014	MW-12	JC	3/5/24 11:34	6.46	27.60	JC	3/5/2024	11:35	12:57	Bladder Pump	2"	9.5	115.9
015	MW-20	JC	3/5/24 10:25	5.81	26.25	JC	3/5/2024	10:25	10:48	Bladder Pump	2"	4.0	173.9
016	MW-20S	DC	3/4/24 10:26	7.13	12.21	DC	3/4/2024	10:30	11:09	Peristaltic Pump	2"	6.0	153.8
017	MW-23	JC	3/5/24 9:50	16.20	30.27	JC	3/5/2024	09:50	10:08	Bladder Pump	2"	3.0	166.7
018	MW-27	DC	3/4/24 13:01	15.17	17.70	DC	3/4/2024	13:04	13:27	Peristaltic Pump	2"	4.0	173.9
019	MW-28	BG	3/6/24 11:02	6.04	25.07	BG	3/6/2024	11:05	11:23	Bladder Pump	2"	3.5	194.4
020	MW-30	JC	3/6/24 10:37	24.26	42.47	JC	3/5/2024	10:40	10:53	Bladder Pump	2"	2.5	192.3
021	MW-31	JC	3/6/24 11:12	29.65	42.32	JC	3/6/2024	11:13	11:25	Bladder Pump	2"	2.0	166.7
022	MW-31S	DC	3/4/24 11:31	22.21	32.41	DC	3/4/2024	11:32	11:55	Peristaltic Pump	2"	3.0	130.4
023	MW-32	JC	3/6/24 11:41	22.66	39.29	JC	3/6/2024	11:41	11:53	Bladder Pump	2"	1.5	125.0
024	PZ4!A	JC	3/6/24 9:16	7.70	12.94	JC	3/6/2024	09:25	09:43	Submersible Pump	2"	2.0	111.1
025	PZ4!C	JC	3/6/24 9:48	7.12	23.18	JC	3/6/2024	09:52	10:04	Submersible Pump	2"	1.5	125.0
026	XPW01_pore	DC	3/5/24 11:55	24.34	34.36	DC	3/5/2024	11:56	12:17	Bladder Pump	2"	5.0	238.1
027	XPW02_pore	DC	3/5/24 12:31	16.40	25.28	DC	3/5/2024	12:32	12:58	Bladder Pump	2"	8.0	307.7
028	XPW03_pore	BG	3/6/24 9:30	15.01	22.78	BG	3/6/2024	09:30	10:19	Bladder Pump	2"	7.0	142.9
029	XPW04_pore	BG	3/6/24 10:38	2.99	24.96	BG	3/6/2024	10:39	10:48	Bladder Pump	2"	2.5	277.8
030	XSG-01	BG	3/4/24 9:37	4.79	-								
031	YSG-02	BG	3/4/24 10:43	13.03	-								
032	Field Blank				-								
033	MW-08 Duplicate	JC	3/5/24 13:36	8.07	24.00	JC	3/5/2024	13:37	13:48	Bladder Pump	2"	2.0	181.8
034	Equipment Blank 1				-								

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Kincaid- 1Q 2024

WO Sample	Well ID	Sampling Activities and Observations										
		Sampler Initials	Date	Time	Sampling Method	Instrument ID	Field Filtered	Appearance	Odor	Color	Post-Sample DTW (ft)	Drawdown (ft)
001	MW-01	TAC	03/04/24	14:26	Low Flow	218079	No	Clear	None	None	17.43	0.43
002	MW-02	JC	03/04/24	12:30	Low Flow	211367	No	Slightly cloudy	None	none	7.34	0
003	MW-03	JC	03/04/24	13:00	Low Flow	211367	No	Clear	None	none	8.63	0
004	MW-04	JC	03/04/24	13:23	Low Flow	211367	No	Clear	None	none	7.59	0
005	MW-05	JC	03/04/24	14:46	Low Flow	211367	No	Slightly cloudy	None	none	25.93	0
006	MW-06	JC	03/05/24	11:24	Low Flow	211367	No	Clear	None	none	9.52	0
007	MW-07	JC	03/05/24	13:26	Low Flow	211367	No	Clear	None	none	4.80	0
008	MW-07S	TAC	03/04/24	12:48	Low Flow	218079	No	Clear	None	None	10.61	0.08
009	MW-08	JC	03/05/24	13:48	Low Flow	211367	No	Clear	None	none	8.07	0
010	MW-08S	TAC	03/04/24	N/A	Low Flow	218079	No	Clear	None	None	-	N/A
011	MW-09	TAC	03/05/24	10:23	Low Flow	218079	No	Clear	None	None	13.16	0.26
012	MW-10	TAC	03/05/24	11:06	Low Flow	218079	No	Clear	None	None	12.30	0.35
013	MW-11	JC	03/05/24	09:32	Low Flow	211367	No	Clear	None	none	11.46	0
014	MW-12	JC	03/05/24	12:57	Low Flow	211367	No	Cloudy	Slight	rust	6.46	0
015	MW-20	JC	03/05/24	10:48	Low Flow	211367	No	Slightly cloudy	None	none	8.80	2.99
016	MW-20S	TAC	03/04/24	11:09	Low Flow	218079	No	Clear	None	None	7.29	0.16
017	MW-23	JC	03/05/24	10:08	Low Flow	211367	No	Clear	None	none	16.20	0
018	MW-27	TAC	03/05/24	11:35	Low Flow	218079	No	Clear	None	None	Below T.O.P.	N/A
019	MW-28	BG	03/06/24	11:23	Low Flow	218079	No	Clear	None	Clear	6.62	0.58
020	MW-30	JC	03/06/24	10:53	Low Flow	211367	No	Clear	None	none	27.21	2.95
021	MW-31	JC	03/06/24	11:25	Low Flow	211367	No	Clear	None	none	29.65	0
022	MW-31S	TAC	03/04/24	11:55	Low Flow	218079	No	Clear	None	None	26.07	3.86
023	MW-32	JC	03/06/24	11:53	Low Flow	211367	No	Clear	None	none	22.66	0
024	PZ4!A	JC	03/06/24	09:43	Low Flow	211367	No	Cloudy	None	lt. brown	10.05	2.35
025	PZ4!C	JC	03/06/24	10:04	Low Flow	211367	No	Slightly cloudy	Strong	none	13.15	6.03
026	XPW01_pore	TAC	03/05/24	12:17	Low Flow	218079	No	Clear	None	None	24.40	0.06
027	XPW02_pore	TAC	03/05/24	12:58	Low Flow	218079	No	Clear	None	Orange tint	16.53	0.13
028	XPW03_pore	BG	03/05/24	10:19	Low Flow	218079	No	Cloudy	Slight	Orange tint	15.08	0.07
029	XPW04_pore	BG	03/05/24	10:48	Low Flow	218079	No	Clear	None	Clear	3.04	0.05
030	XSG-01											
031	YSG-02											
032	Field Blank	JC	03/06/24	12:11								
033	MW-08 Duplicate	JC	03/05/24	13:48	Low Flow	211367	No	Clear	None	none	8.07	0
034	Equipment Blank 1	JC	03/06/24	12:14								

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Summary
Kincaid- 1Q 2024

WO Sample	Well ID	COMMENTS
001	MW-01	
002	MW-02	
003	MW-03	
004	MW-04	
005	MW-05	
006	MW-06	
007	MW-07	
008	MW-07S	
009	MW-08	
010	MW-08S	Dry- no sample
011	MW-09	
012	MW-10	
013	MW-11	
014	MW-12	
015	MW-20	
016	MW-20S	
017	MW-23	
018	MW-27	Purged dry on 3/4, sampled on 3/5.
019	MW-28	
020	MW-30	
021	MW-31	
022	MW-31S	
023	MW-32	
024	PZ4!A	
025	PZ4!C	
026	XPW01_pore	
027	XPW02_pore	
028	XPW03_pore	
029	XPW04_pore	
030	XSG-01	DTW only
031	YSG-02	DTW only
032	Field Blank	
033	MW-08 Duplicate	
034	Equipment Blank 1	

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Stabilized Field Parameters Summary
Kincaid- 1Q 2024

Well ID	Date	Time	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	DTW (ft)	LIMS ID
MW-01	3/4/2024	14:26	17.3	63.1	6.59	511.8	1.13	17.85	41.9	17.00	24021452-001A
MW-02	3/4/2024	12:30	17.3	63.1	7.18	664.2	1.59	83.62	42.0	7.34	24021452-002A
MW-03	3/4/2024	13:00	15.8	60.4	6.79	821.1	1.50	12.43	67.9	8.63	24021452-003A
MW-04	3/4/2024	13:23	15.2	59.4	6.90	732.1	0.94	4.46	-14.8	7.59	24021452-004A
MW-05	3/4/2024	14:46	16.9	62.4	6.63	1,151.6	0.66	54.41	31.8	25.93	24021452-005A
MW-06	3/5/2024	11:24	12.1	53.8	6.36	651.7	7.09	8.90	119.3	9.52	24021452-006A
MW-07	3/5/2024	13:26	10.8	51.4	6.90	803.2	0.94	15.97	26.6	4.80	24021452-007A
MW-07S	3/4/2024	12:48	17.9	64.2	6.77	1,495.7	0.90	1.04	0.4	10.53	24021452-008A
MW-08	3/5/2024	13:48	12.6	54.7	6.65	1,044.4	1.11	5.91	49.4	8.07	24021452-009A
MW-08S	3/4/2024	13:48	*Dry- no sample*							9.60	24021452-010A
MW-09	3/5/2024	10:23	12.1	53.8	6.72	670.8	5.20	15.04	101.4	12.90	24021452-011A
MW-10	3/5/2024	11:06	12.5	54.5	6.49	1,717.0	2.28	26.41	106.2	11.95	24021452-012A
MW-11	3/5/2024	9:32	13.8	56.8	6.62	887.3	1.85	9.27	117.5	11.46	24021452-013A
MW-12	3/5/2024	12:57	11.4	52.5	6.68	1,298.5	0.66	196.06	0.3	6.46	24021452-014A
MW-20	3/5/2024	10:48	12.1	53.8	6.87	912.8	2.36	27.01	108.0	5.81	24021452-015A
MW-20S	3/4/2024	11:09	20.4	68.7	6.74	1,338.8	3.29	4.79	117.6	7.13	24021452-016A
MW-23	3/5/2024	10:08	13.6	56.5	6.68	875.0	2.44	6.13	114.9	16.20	24021452-017A
MW-27	3/5/2024	11:35	13.1	55.6	6.82	1,454.0	6.27	45.07	59.8	15.17	24021452-018A
MW-28	3/6/2024	11:23	12.4	54.3	6.74	1,750.7	0.45	7.41	-8.4	6.04	24021452-019A
MW-30	3/6/2024	10:53	13.2	55.8	6.66	950.8	1.65	9.26	1.5	24.26	24021452-020A
MW-31	3/6/2024	11:25	13.1	55.6	6.76	956.7	1.63	7.26	-6.9	29.65	24021452-021A
MW-31S	3/4/2024	11:55	20.6	69.1	6.74	1,260.6	2.23	17.02	-27.0	22.21	24021452-022A
MW-32	3/6/2024	11:53	13.1	55.6	6.59	1,266.5	1.96	8.91	36.5	22.66	24021452-023A
PZ4!A	3/6/2024	9:43	10.2	50.4	6.97	981.4	6.24	153.88	63.1	7.70	24021452-024A
PZ4!C	3/6/2024	10:04	11.4	52.5	6.90	828.8	1.48	6.83	-12.4	7.12	24021452-025A
XPW01_pore	3/5/2024	12:17	18.4	65.1	7.54	615.7	0.51	74.77	37.0	24.34	24021452-026A
XPW02_pore	3/5/2024	12:58	15.6	60.1	6.73	1,011.9	0.26	24.95	-61.2	16.40	24021452-027A
XPW03_pore	3/6/2024	10:19	15.3	59.5	7.07	2,106.8	0.27	339.97	22.2	15.01	24021452-028A
XPW04_pore	3/6/2024	10:48	11.8	53.2	6.88	565.7	0.47	9.08	-94.6	2.99	24021452-029A
XSG-01	3/4/2024	9:37	*DTW only*							4.79	24021452-030A
YSG-02	3/4/2024	10:43	*DTW only*							13.03	24021452-031A
Field Blank	3/6/2024	12:11	*QA/QC Sample*								24021452-032A
MW-08 Duplicate	3/5/2024	13:48	12.6	54.7	6.65	1,044.4	1.11	5.91	49.4	8.07	24021452-033A
Equipment Blank 1	3/6/2024	12:14	*QA/QC Sample*								24021452-034A

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-01	3/4/2024	14:17	17.00	17.8	64.0	6.66	517.9	1.59	30.95	47.4
MW-01	3/4/2024	14:20	17.00	17.3	63.1	6.62	513.7	1.37	21.88	45.3
MW-01	3/4/2024	14:23	17.00	17.3	63.1	6.60	511.7	1.22	19.58	43.3
MW-01	3/4/2024	14:26	17.00	17.3	63.1	6.59	511.8	1.13	17.85	41.9

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-02	3/4/2024	12:21	7.34	16.9	62.4	7.18	664.9	1.69	85.01	43.5
MW-02	3/4/2024	12:24	7.34	17.2	63.0	7.18	664.6	1.65	83.27	42.8
MW-02	3/4/2024	12:27	7.34	17.2	63.0	7.19	664.2	1.62	83.79	42.4
MW-02	3/4/2024	12:30	7.34	17.3	63.1	7.18	664.2	1.59	83.62	42.0

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-03	3/4/2024	12:51	8.63	14.8	58.6	6.88	820.1	2.93	16.64	68.9
MW-03	3/4/2024	12:54	8.63	15.5	59.9	6.82	815.5	2.20	14.61	69.1
MW-03	3/4/2024	12:57	8.63	15.9	60.6	6.80	820.7	1.74	13.03	68.7
MW-03	3/4/2024	13:00	8.63	15.8	60.4	6.79	821.1	1.50	12.43	67.9

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-04	3/4/2024	13:14	7.59	15.1	59.2	6.88	727.8	2.83	8.20	32.9
MW-04	3/4/2024	13:17	7.59	15.2	59.4	6.88	732.1	1.45	6.02	13.8
MW-04	3/4/2024	13:20	7.59	15.2	59.4	6.89	732.4	1.12	4.85	-1.7
MW-04	3/4/2024	13:23	7.59	15.2	59.4	6.90	732.1	0.94	4.46	-14.8

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-05	3/4/2024	14:34	25.93	16.8	62.2	6.63	1,148.7	0.69	64.03	30.6
MW-05	3/4/2024	14:37	25.93	17.0	62.6	6.63	1,148.3	0.68	61.92	30.8
MW-05	3/4/2024	14:40	25.93	16.8	62.2	6.63	1,150.3	0.67	58.91	31.2
MW-05	3/4/2024	14:43	25.93	17.0	62.6	6.63	1,148.4	0.66	52.11	31.4
MW-05	3/4/2024	14:46	25.93	16.9	62.4	6.63	1,151.6	0.66	54.41	31.8

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-06	3/5/2024	11:18	9.52	12.1	53.8	6.40	653.3	7.21	10.52	115.7
MW-06	3/5/2024	11:21	9.52	12.1	53.8	6.37	651.9	7.14	8.26	117.8
MW-06	3/5/2024	11:24	9.52	12.1	53.8	6.36	651.7	7.09	8.90	119.3

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-07	3/5/2024	13:17	4.80	10.8	51.4	6.94	791.1	1.45	25.44	21.6
MW-07	3/5/2024	13:20	4.80	10.8	51.4	6.90	792.0	1.20	17.62	24.7
MW-07	3/5/2024	13:23	4.80	10.8	51.4	6.89	797.1	1.04	16.00	26.4
MW-07	3/5/2024	13:26	4.80	10.8	51.4	6.90	803.2	0.94	15.97	26.6

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-07S	3/4/2024	12:36	10.53	17.7	63.9	6.77	1,491.4	1.36	5.22	29.8
MW-07S	3/4/2024	12:39	10.53	18.0	64.4	6.77	1,490.2	1.17	3.05	19.2
MW-07S	3/4/2024	12:42	10.53	18.1	64.6	6.77	1,494.0	1.04	2.51	11.0
MW-07S	3/4/2024	12:45	10.53	18.2	64.8	6.77	1,493.2	0.96	1.94	4.9
MW-07S	3/4/2024	12:48	10.53	17.9	64.2	6.77	1,495.7	0.90	1.04	0.4

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-08	3/5/2024	13:39	8.07	13.0	55.4	6.67	1,040.9	4.04	14.79	52.6
MW-08	3/5/2024	13:42	8.07	12.6	54.7	6.68	1,044.8	2.06	11.65	49.0
MW-08	3/5/2024	13:45	8.07	12.6	54.7	6.67	1,044.2	1.45	8.13	48.8
MW-08	3/5/2024	13:48	8.07	12.6	54.7	6.65	1,044.4	1.11	5.91	49.4

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-08S	3/4/2024	13:48	9.60	Dry- No sample						

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-09	3/5/2024	10:11	12.90	12.1	53.8	6.74	663.5	5.62	30.81	110.5
MW-09	3/5/2024	10:14	12.90	12.0	53.6	6.73	665.5	5.52	25.52	107.7
MW-09	3/5/2024	10:17	12.90	12.0	53.6	6.73	667.4	5.41	20.39	105.3
MW-09	3/5/2024	10:20	12.90	12.1	53.8	6.73	668.3	5.30	18.33	103.0
MW-09	3/5/2024	10:23	12.90	12.1	53.8	6.72	670.8	5.20	15.04	101.4

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-10	3/5/2024	10:51	11.95	12.6	54.7	6.54	1,697.0	3.45	41.55	123.2
MW-10	3/5/2024	10:54	11.95	12.5	54.5	6.51	1,666.4	3.16	40.58	118.6
MW-10	3/5/2024	10:57	11.95	12.5	54.5	6.49	1,658.3	2.91	36.88	115.1
MW-10	3/5/2024	11:00	11.95	12.5	54.5	6.49	1,690.1	2.64	31.22	112.0
MW-10	3/5/2024	11:03	11.95	12.5	54.5	6.49	1,691.3	2.47	29.91	108.8
MW-10	3/5/2024	11:06	11.95	12.5	54.5	6.49	1,717.0	2.28	26.41	106.2

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-11	3/5/2024	9:26	11.46	14.1	57.4	6.61	892.7	2.65	20.44	122.7
MW-11	3/5/2024	9:29	11.46	13.7	56.7	6.64	888.4	2.09	11.92	118.3
MW-11	3/5/2024	9:32	11.46	13.8	56.8	6.62	887.3	1.85	9.27	117.5

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-12	3/5/2024	12:06	6.46	11.4	52.5	6.65	1,282.6	1.16	135.99	16.6
MW-12	3/5/2024	12:09	6.46	11.5	52.7	6.66	1,280.9	1.11	166.64	14.5
MW-12	3/5/2024	12:12	6.46	11.5	52.7	6.66	1,281.9	1.03	157.34	12.6
MW-12	3/5/2024	12:15	6.46	11.5	52.7	6.66	1,284.1	0.99	128.10	10.9
MW-12	3/5/2024	12:18	6.46	11.5	52.7	6.67	1,286.3	0.95	112.86	9.3
MW-12	3/5/2024	12:21	6.46	11.5	52.7	6.67	1,288.0	0.91	109.62	8.0
MW-12	3/5/2024	12:24	6.46	11.5	52.7	6.67	1,288.2	0.88	139.89	6.8
MW-12	3/5/2024	12:27	6.46	11.5	52.7	6.67	1,288.2	0.84	146.71	5.7
MW-12	3/5/2024	12:30	6.46	11.5	52.7	6.67	1,289.3	0.81	158.76	4.7
MW-12	3/5/2024	12:33	6.46	11.5	52.7	6.67	1,291.6	0.77	137.51	3.9
MW-12	3/5/2024	12:36	6.46	11.5	52.7	6.67	1,292.3	0.73	122.90	3.0
MW-12	3/5/2024	12:39	6.46	11.5	52.7	6.68	1,291.6	0.71	150.87	2.2
MW-12	3/5/2024	12:42	6.46	11.5	52.7	6.68	1,291.8	0.70	188.38	1.5
MW-12	3/5/2024	12:45	6.46	11.5	52.7	6.68	1,292.7	0.69	237.86	1.0
MW-12	3/5/2024	12:48	6.46	11.5	52.7	6.68	1,295.5	0.67	218.65	0.7
MW-12	3/5/2024	12:51	6.46	11.4	52.5	6.68	1,298.5	0.68	192.04	0.6
MW-12	3/5/2024	12:54	6.46	11.4	52.5	6.68	1,298.7	0.67	163.96	0.4
MW-12	3/5/2024	12:57	6.46	11.4	52.5	6.68	1,298.5	0.66	196.06	0.3

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-20	3/5/2024	10:33	5.81	12.4	54.3	6.87	912.0	2.83	16.60	105.6
MW-20	3/5/2024	10:36	5.81	12.3	54.1	6.87	913.7	2.61	15.53	106.4
MW-20	3/5/2024	10:39	5.81	12.1	53.8	6.87	913.1	2.51	16.93	107.1
MW-20	3/5/2024	10:42	5.81	12.1	53.8	6.87	912.9	2.45	21.14	107.6
MW-20	3/5/2024	10:45	5.81	12.1	53.8	6.87	912.7	2.40	23.74	107.9
MW-20	3/5/2024	10:48	5.81	12.1	53.8	6.87	912.8	2.36	27.01	108.0

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-20S	3/4/2024	10:51	7.13	20.9	69.6	6.79	1,433.3	4.48	11.75	121.9
MW-20S	3/4/2024	10:54	7.13	20.9	69.6	6.78	1,413.3	4.27	10.27	122.0
MW-20S	3/4/2024	10:57	7.13	20.9	69.6	6.77	1,390.6	4.09	8.03	121.7
MW-20S	3/4/2024	11:00	7.13	20.9	69.6	6.76	1,380.6	3.91	6.39	120.9
MW-20S	3/4/2024	11:03	7.13	20.9	69.6	6.76	1,366.5	3.73	5.83	119.9
MW-20S	3/4/2024	11:06	7.13	20.6	69.1	6.74	1,342.4	3.49	5.44	118.8
MW-20S	3/4/2024	11:09	7.13	20.4	68.7	6.74	1,338.8	3.29	4.79	117.6

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-23	3/5/2024	9:56	16.20	13.7	56.7	6.73	876.5	3.61	21.83	112.9
MW-23	3/5/2024	9:59	16.20	13.7	56.7	6.71	875.4	2.98	16.42	113.8
MW-23	3/5/2024	10:02	16.20	13.6	56.5	6.69	875.5	2.71	12.06	114.6
MW-23	3/5/2024	10:05	16.20	13.6	56.5	6.68	875.2	2.54	7.93	115.0
MW-23	3/5/2024	10:08	16.20	13.6	56.5	6.68	875.0	2.44	6.13	114.9

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-27	3/4/2024	13:25	15.17	18.2	64.8	6.79	1,469.5	4.69	49.54	11.0
MW-27	3/4/2024	13:28	15.17	18.3	64.9	6.77	1,471.2	4.57	34.68	10.7
MW-27	3/4/2024	13:31	15.17	18.5	65.3	6.74	1,470.5	4.49	35.87	6.8
MW-27	3/4/2024	13:34	15.17	18.4	65.1	6.73	1,452.6	4.79	19.55	-3.2
MW-27	3/4/2024	13:37	15.17	18.6	65.5	6.68	1,432.8	3.27	28.55	-13.1
MW-27	3/5/2024	11:35	15.17	13.1	55.6	6.82	1,454.0	6.27	45.07	59.8

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-28	3/6/2024	11:08	6.04	12.5	54.5	6.82	1,545.3	1.84	14.47	-16.2
MW-28	3/6/2024	11:11	6.04	12.4	54.3	6.77	1,573.7	1.01	13.05	-13.5
MW-28	3/6/2024	11:14	6.04	12.4	54.3	6.76	1,613.8	0.73	31.63	-12.3
MW-28	3/6/2024	11:17	6.04	12.4	54.3	6.75	1,668.2	0.58	14.20	-11.0
MW-28	3/6/2024	11:20	6.04	12.5	54.5	6.74	1,717.2	0.50	9.53	-9.7
MW-28	3/6/2024	11:23	6.04	12.4	54.3	6.74	1,750.7	0.45	7.41	-8.4

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-30	3/6/2024	10:44	24.26	13.0	55.4	6.69	952.0	2.71	31.14	28.1
MW-30	3/6/2024	10:47	24.26	13.0	55.4	6.65	958.2	1.91	23.57	18.2
MW-30	3/6/2024	10:50	24.26	13.1	55.6	6.65	953.2	1.62	14.96	10.3
MW-30	3/6/2024	10:53	24.26	13.2	55.8	6.66	950.8	1.65	9.26	1.5

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-31	3/6/2024	11:16	29.65	12.9	55.2	7.17	824.0	7.00	6.75	14.8
MW-31	3/6/2024	11:19	29.65	13.0	55.4	6.81	934.2	3.41	10.44	8.8
MW-31	3/6/2024	11:22	29.65	13.0	55.4	6.78	949.4	2.08	9.17	-1.5
MW-31	3/6/2024	11:25	29.65	13.1	55.6	6.76	956.7	1.63	7.26	-6.9

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-31S	3/4/2024	11:43	22.21	20.0	68.0	6.64	1,302.3	3.21	16.97	-22.6
MW-31S	3/4/2024	11:46	22.21	20.3	68.5	6.66	1,302.2	2.77	21.56	-25.6
MW-31S	3/4/2024	11:49	22.21	20.4	68.7	6.68	1,293.0	2.55	13.54	-27.8
MW-31S	3/4/2024	11:52	22.21	20.5	68.9	6.71	1,273.1	2.35	13.70	-28.2
MW-31S	3/4/2024	11:55	22.21	20.6	69.1	6.74	1,260.6	2.23	17.02	-27.0

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-32	3/6/2024	11:44	22.66	14.1	57.4	6.89	1,233.0	6.65	5.46	39.1
MW-32	3/6/2024	11:47	22.66	13.6	56.5	6.67	1,312.8	3.45	7.46	37.0
MW-32	3/6/2024	11:50	22.66	13.0	55.4	6.62	1,291.1	2.46	7.99	36.2
MW-32	3/6/2024	11:53	22.66	13.1	55.6	6.59	1,266.5	1.96	8.91	36.5

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ4!A	3/6/2024	9:28	7.70	9.9	49.8	6.96	982.9	7.65	541.59	65.4
PZ4!A	3/6/2024	9:31	7.70	9.9	49.8	6.98	982.6	6.46	266.32	56.5
PZ4!A	3/6/2024	9:34	7.70	10.0	50.0	6.99	980.3	6.27	199.51	56.4
PZ4!A	3/6/2024	9:37	7.70	10.0	50.0	6.98	981.8	6.23	187.17	58.4
PZ4!A	3/6/2024	9:40	7.70	10.2	50.4	6.98	979.9	6.23	146.94	60.7
PZ4!A	3/6/2024	9:43	7.70	10.2	50.4	6.97	981.4	6.24	153.88	63.1

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
PZ4!C	3/6/2024	9:55	7.12	11.4	52.5	6.88	831.8	3.26	12.98	34.4
PZ4!C	3/6/2024	9:58	7.12	11.3	52.3	6.89	831.3	2.02	9.34	10.8
PZ4!C	3/6/2024	10:01	7.12	11.3	52.3	6.90	830.3	1.64	7.68	-2.9
PZ4!C	3/6/2024	10:04	7.12	11.4	52.5	6.90	828.8	1.48	6.83	-12.4

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW01_pore	3/5/2024	12:08	24.34	18.3	64.9	7.56	621.0	0.94	59.70	39.3
XPW01_pore	3/5/2024	12:11	24.34	18.3	64.9	7.56	618.1	0.79	78.00	38.1
XPW01_pore	3/5/2024	12:14	24.34	18.4	65.1	7.55	616.4	0.61	73.07	37.5
XPW01_pore	3/5/2024	12:17	24.34	18.4	65.1	7.54	615.7	0.51	74.77	37.0

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW02_pore	3/5/2024	12:46	16.40	15.6	60.1	6.67	983.2	0.51	189.13	-48.0
XPW02_pore	3/5/2024	12:49	16.40	15.6	60.1	6.69	1,001.6	0.38	143.64	-52.6
XPW02_pore	3/5/2024	12:52	16.40	15.6	60.1	6.71	1,001.5	0.31	32.98	-56.3
XPW02_pore	3/5/2024	12:55	16.40	15.7	60.3	6.72	1,008.6	0.27	49.34	-59.0
XPW02_pore	3/5/2024	12:58	16.40	15.6	60.1	6.73	1,011.9	0.26	24.95	-61.2

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW03_pore	3/6/2024	9:34	15.01	15.3	59.5	7.12	2,267.4	0.74	428.14	87.1
XPW03_pore	3/6/2024	9:37	15.01	15.5	59.9	7.10	2,255.5	0.61	450.34	86.6
XPW03_pore	3/6/2024	9:40	15.01	15.4	59.7	7.09	2,193.3	0.51	649.72	83.8
XPW03_pore	3/6/2024	9:43	15.01	15.3	59.5	7.08	2,178.8	0.44	1249.55	78.3
XPW03_pore	3/6/2024	9:46	15.01	15.3	59.5	7.08	2,170.9	0.38	657.53	70.8
XPW03_pore	3/6/2024	9:49	15.01	15.4	59.7	7.07	2,123.6	0.35	511.19	62.1
XPW03_pore	3/6/2024	9:52	15.01	15.4	59.7	7.07	2,077.8	0.34	657.70	57.0
XPW03_pore	3/6/2024	9:55	15.01	15.4	59.7	7.06	2,083.0	0.31	1145.59	55.1
XPW03_pore	3/6/2024	9:58	15.01	15.4	59.7	7.07	2,190.6	0.29	759.03	52.8
XPW03_pore	3/6/2024	10:01	15.01	15.4	59.7	7.08	2,220.5	0.29	595.49	48.2
XPW03_pore	3/6/2024	10:04	15.01	15.5	59.9	7.08	2,205.1	0.29	1842.45	42.8
XPW03_pore	3/6/2024	10:07	15.01	15.5	59.9	7.07	2,154.6	0.27	931.22	37.2
XPW03_pore	3/6/2024	10:10	15.01	15.5	59.9	7.07	2,126.5	0.26	984.16	32.2
XPW03_pore	3/6/2024	10:13	15.01	15.5	59.9	7.07	2,118.4	0.26	377.18	27.6
XPW03_pore	3/6/2024	10:16	15.01	15.4	59.7	7.07	2,110.0	0.27	345.92	24.5
XPW03_pore	3/6/2024	10:19	15.01	15.3	59.5	7.07	2,106.8	0.27	339.97	22.2

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XPW04_pore	3/6/2024	10:42	2.99	11.6	52.9	6.91	566.1	0.68	9.54	-95.7
XPW04_pore	3/6/2024	10:45	2.99	11.7	53.1	6.89	565.9	0.55	9.01	-94.8
XPW04_pore	3/6/2024	10:48	2.99	11.8	53.2	6.88	565.7	0.47	9.08	-94.6

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
XSG-01	3/4/2024	9:37	4.79	DTW Only						

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
YSG-02	3/4/2024	10:43	13.03	DTW Only						

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Field Blank	3/6/2024	12:11	QA/QC Sample							

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
MW-08 Duplicate	3/5/2024	13:39	8.07	13.0	55.4	6.67	1,040.9	4.04	14.79	52.6
MW-08 Duplicate	3/5/2024	13:42	8.07	12.6	54.7	6.68	1,044.8	2.06	11.65	49.0
MW-08 Duplicate	3/5/2024	13:45	8.07	12.6	54.7	6.67	1,044.2	1.45	8.13	48.8
MW-08 Duplicate	3/5/2024	13:48	8.07	12.6	54.7	6.65	1,044.4	1.11	5.91	49.4

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Groundwater Sampling Form- Groundwater Quality Parameters
Kincaid- 1Q 2024

Well ID	Date	Time	DTW	Temp (°C)	Temp (°F)	pH (SU)	Sp Cond (µS/cm)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)
Equipment Blank 1	3/6/2024	12:14	QA/QC Sample							

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Kincaid- 1Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 218079 Technician(s): Tracy Carroll/Danny Crump Date: 3/4/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230820B	4.00	3/4/24 9:54
7.0 Buffer	WC230616F	7.00	3/4/24 9:55
10.0 Buffer	WC231027D	10.00	3/4/24 9:56
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	3/4/24 9:58

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	3/4/24 10:13	21.5	7.05	1,411	1.61			
CCV	3/4/24 15:25	31.1	7.06	1,333	0.95			

Field Meter ID: Pine 218079 Technician(s): Tracy Carroll/Danny Crump Date: 3/5/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC230820B	4.00	3/5/24 9:39
7.0 Buffer	WC230616F	7.00	3/5/24 9:40
10.0 Buffer	WC231027D	10.00	3/5/24 9:42
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	3/5/24 9:44

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.12	3/5/24 9:45
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	3/5/24 9:48	19.3	7.09	1,413	1.12			
CCV	3/5/24 13:35	18.8	7.08	1,349	0.43			

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Kincaid- 1Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 218079 Technician(s): Daniel Crump Date: 3/6/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230820B	4.00	3/6/24 9:21
7.0 Buffer	WC230616F	7.00	3/6/24 9:22
10.0 Buffer	WC231027D	10.00	3/6/24 9:22
LCS/CCV (7.0 Buffer)	WC231207A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1412	3/6/24 9:23

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.66	3/6/24 9:25
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	3/6/24 9:25	19.4	7.07	1,413	0.66			
CCV	3/6/24 12:24	14.7	7.05	1,413	0.44			

Field Meter ID: Pine Technician(s): Date:

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer			
7.0 Buffer			
10.0 Buffer			
LCS/CCV (7.0 Buffer)			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.			

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS								
CCV (Midday)								
CCV								

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Kincaid- 1Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 211367 Technician(s): justin colp Date: 3/4/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	3/4/24 11:04
7.0 Buffer	wc230616f	7.01	3/4/24 10:56
10.0 Buffer	wc231027d	10.00	3/4/24 11:09
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1414	3/4/24 11:12

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.15	3/4/24 11:12
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	3/4/24 11:15	21.2	7.01	1,418	0.16			
CCV	3/4/24 14:52	23.6	7.03	1,426	0.19			

Field Meter ID: Pine 211367 Technician(s): justin colp Date: 3/5/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	3.99	3/5/24 9:06
7.0 Buffer	wc230616f	7.02	3/5/24 9:03
10.0 Buffer	wc231027d	10.00	3/5/24 9:09
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1415	3/5/24 9:14

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.19	3/5/24 9:14
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	3/5/24 9:16	19.1	7.02	1,415	0.19			
CCV (Midday)	3/5/24 12:08	19.6	7.01	1,418	0.16			
CCV	3/5/24 14:00	19.9	7.02	1,423	0.2			

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 211367
Description YSI Pro DSS Display
Calibrated 3/1/2024 10:04:30AM

Manufacturer	YSI	**State Certified**	
Model Number	YSI Pro Dss	**Status**	Pass
Serial Number/ Lot Number	22C102235	**Temp °C**	22.2
Location	St. Louis	**Humidity %**	43
Department			

Calibration Specifications

Group # 1
Group Name Instrument Test
Test Performed: Yes **As Found Result: Pass** **As Left Result: Pass**

Test Instruments Used During the Calibration **(As Of Cal Entry Date)**

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance

Site Samping Event: Kincaid 1Q24
LIMS Workorder: 24021452
Technician(s): DC, JC, TC, BG

Field Calibration Log(s)
Kincaid- 1Q 2024

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 211367 Technician(s): justin colp Date: 3/6/2024

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc230830b	4.00	3/6/24 8:59
7.0 Buffer	wc230616f	7.00	3/6/24 8:55
10.0 Buffer	wc231027d	9.98	3/6/24 9:02
LCS/CCV (7.0 Buffer)	wc231207a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	95009	1415	3/6/24 9:07

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.16	3/6/24 9:07
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS	3/6/24 9:10	14.6	7.01	1,417	0.16			
CCV	3/6/24 12:00	16.8	7.01	1,423	0.19			

Field Meter ID: Pine Technician(s): Date:

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer			
7.0 Buffer			
10.0 Buffer			
LCS/CCV (7.0 Buffer)			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.			

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %	Comments
LCS								
CCV (Midday)								
CCV								

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 218079
Description YSI Pro DSS Sonde
Calibrated 3/1/2024 10:09:04AM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 23F102670
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
7.00 / 7.00	PH	7.00	PH	7.37	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.41	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.13	10.05	0.50%	Pass

Group # 2
Group Name Turbidity (NTU)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
0.00 / 0.00	NTU	0.00	NTU	0.44	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	119.15	124.00	0.00%	Pass

Group # 3
Group Name Conductivity
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
1.413 / 1.413	ms/cm	1.413	ms/cm	1.552	1.413	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
240.00 / 240.00	mv	240.00	mv	226.60	240.00	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail

INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 218079
Description YSI Pro DSS Sonde
Calibrated 3/1/2024 10:09:04AM

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading
Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
100.00 / 100.00	%	100.00	%	92.40	100.00	0.00%	Pass

Test Instruments Used During the Calibration **(As Of Cal Entry Date)**

Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
STL 126 NTU L#23E24002133	STL 126 NTU L#23E24002133	YSI	126 NTU	23E24002133		5/20/2024
STL 1413 COND L#4GB0749	STL 1413 COND L#4GB0749	AquaPhoenix Scientific	31986	4GB0749		2/25/2025
STL AUTOCAL L#24002361	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24002361		6/28/2024
STL ORP SOLUTION 240MV L#3GJ0994	STL ORP SOLUTION 240MV L#3GJ0994	AquaPhoenix Scientific	ORP Solution	3GJ0994		7/25/2024
STL PH10 #3GK0004	STL PH10 #3GK0004	AquaPhoenix Scientific	PH 10	3GK0004		11/25/2025
STL PH4 L#3GH0675	STL pH4 L#3GH0675	AquaPhoenix Scientific	pH 4	3GH0675		8/25/2025
STL PH7 L#3GK1332	STL PH7 L#3GK1332	AquaPhoenix Scientific	PH7	3GK1332		11/25/2025

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance

ATTACHMENT C
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND
QUARTER 1, 2024

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-3	UA	E004	Antimony, total	mg/L	12/15/15 - 03/04/24	27	97	CI around median	0.001	0.001
MW-3	UA	E004	Arsenic, total	mg/L	12/15/15 - 03/04/24	27	100	All ND - Last	0.001	0.00480
MW-3	UA	E004	Barium, total	mg/L	12/15/15 - 03/04/24	27	0	CI around median	0.0461	0.150
MW-3	UA	E004	Beryllium, total	mg/L	12/15/15 - 03/04/24	27	100	All ND - Last	0.001	0.001
MW-3	UA	E004	Boron, total	mg/L	12/15/15 - 03/04/24	27	0	CI around median	1.57	0.296
MW-3	UA	E004	Cadmium, total	mg/L	12/15/15 - 03/04/24	27	100	All ND - Last	0.001	0.001
MW-3	UA	E004	Chloride, total	mg/L	12/15/15 - 03/04/24	27	0	CB around linear reg	27.3	18.0
MW-3	UA	E004	Chromium, total	mg/L	12/15/15 - 03/04/24	27	97	CB around T-S line	0.0015	0.00950
MW-3	UA	E004	Cobalt, total	mg/L	12/15/15 - 03/04/24	27	88	CI around median	0.001	0.00390
MW-3	UA	E004	Fluoride, total	mg/L	12/15/15 - 03/04/24	27	0	CI around mean	0.242	0.510
MW-3	UA	E004	Lead, total	mg/L	12/15/15 - 03/04/24	27	100	All ND - Last	0.001	0.00510
MW-3	UA	E004	Lithium, total	mg/L	02/25/21 - 03/04/24	13	92	CI around median	0.003	0.0120
MW-3	UA	E004	Mercury, total	mg/L	12/15/15 - 03/04/24	27	100	All ND - Last	0.0002	0.0002
MW-3	UA	E004	Molybdenum, total	mg/L	02/25/21 - 03/04/24	13	100	All ND - Last	0.0015	0.00620
MW-3	UA	E004	pH (field)	SU	12/15/15 - 03/04/24	27	0	CB around linear reg	6.4/6.8	5.6/7.6
MW-3	UA	E004	Radium 226 + Radium 228, total	pCi/L	11/06/17 - 03/04/24	23	0	CI around median	0.271	1.00
MW-3	UA	E004	Selenium, total	mg/L	12/15/15 - 03/04/24	27	100	All ND - Last	0.001	0.00180
MW-3	UA	E004	Sulfate, total	mg/L	12/15/15 - 03/04/24	27	0	CB around linear reg	113	151
MW-3	UA	E004	Thallium, total	mg/L	12/15/15 - 03/04/24	27	97	CB around T-S line	0.002	0.002
MW-3	UA	E004	Total Dissolved Solids	mg/L	12/15/15 - 03/04/24	27	0	CB around linear reg	539	494
MW-5	UA	E004	Antimony, total	mg/L	12/15/15 - 03/04/24	29	100	All ND - Last	0.001	0.001
MW-5	UA	E004	Arsenic, total	mg/L	12/15/15 - 03/04/24	31	86	CB around T-S line	0.001	0.00480
MW-5	UA	E004	Barium, total	mg/L	12/15/15 - 03/04/24	31	0	CB around linear reg	0.145	0.150
MW-5	UA	E004	Beryllium, total	mg/L	12/15/15 - 03/04/24	29	100	All ND - Last	0.001	0.001
MW-5	UA	E004	Boron, total	mg/L	12/15/15 - 03/04/24	31	0	CI around mean	0.528	0.296
MW-5	UA	E004	Cadmium, total	mg/L	12/15/15 - 03/04/24	28	100	All ND - Last	0.001	0.001
MW-5	UA	E004	Chloride, total	mg/L	12/15/15 - 03/04/24	31	0	CB around linear reg	45.1	18.0

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-5	UA	E004	Chromium, total	mg/L	12/15/15 - 03/04/24	31	94	CB around T-S line	0.0015	0.00950
MW-5	UA	E004	Cobalt, total	mg/L	12/15/15 - 03/04/24	31	89	CI around median	0.001	0.00390
MW-5	UA	E004	Fluoride, total	mg/L	12/15/15 - 03/04/24	31	3	CI around median	0.16	0.510
MW-5	UA	E004	Lead, total	mg/L	12/15/15 - 03/04/24	31	94	CI around median	0.001	0.00510
MW-5	UA	E004	Lithium, total	mg/L	12/15/15 - 03/04/24	23	35	CB around T-S line	0.00299	0.0120
MW-5	UA	E004	Mercury, total	mg/L	12/15/15 - 03/04/24	28	100	All ND - Last	0.0002	0.0002
MW-5	UA	E004	Molybdenum, total	mg/L	12/15/15 - 03/04/24	23	96	CB around T-S line	0.00146	0.00620
MW-5	UA	E004	pH (field)	SU	12/15/15 - 03/04/24	31	0	CB around linear reg	6.4/6.7	5.6/7.6
MW-5	UA	E004	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 03/04/24	32	0	CI around median	0.3	1.00
MW-5	UA	E004	Selenium, total	mg/L	12/15/15 - 03/04/24	31	100	All ND - Last	0.001	0.00180
MW-5	UA	E004	Sulfate, total	mg/L	12/15/15 - 03/04/24	31	33	CI around median	10	151
MW-5	UA	E004	Thallium, total	mg/L	12/15/15 - 03/04/24	28	97	CB around T-S line	0.00187	0.002
MW-5	UA	E004	Total Dissolved Solids	mg/L	12/15/15 - 03/04/24	31	0	CB around linear reg	698	494
MW-6	UA	E004	Antimony, total	mg/L	12/15/15 - 03/05/24	29	100	All ND - Last	0.001	0.001
MW-6	UA	E004	Arsenic, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.00480
MW-6	UA	E004	Barium, total	mg/L	12/15/15 - 03/05/24	31	0	CB around T-S line	0.0372	0.150
MW-6	UA	E004	Beryllium, total	mg/L	12/15/15 - 03/05/24	29	100	All ND - Last	0.001	0.001
MW-6	UA	E004	Boron, total	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	0.97	0.296
MW-6	UA	E004	Cadmium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.001	0.001
MW-6	UA	E004	Chloride, total	mg/L	12/15/15 - 03/05/24	31	53	CB around T-S line	2.15	18.0
MW-6	UA	E004	Chromium, total	mg/L	12/15/15 - 03/05/24	31	86	CB around T-S line	0.0015	0.00950
MW-6	UA	E004	Cobalt, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.00390
MW-6	UA	E004	Fluoride, total	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	0.186	0.510
MW-6	UA	E004	Lead, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.00510
MW-6	UA	E004	Lithium, total	mg/L	12/15/15 - 03/05/24	23	87	CB around T-S line	0.00274	0.0120
MW-6	UA	E004	Mercury, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.0002	0.0002
MW-6	UA	E004	Molybdenum, total	mg/L	12/15/15 - 03/05/24	23	100	All ND - Last	0.0015	0.00620

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-6	UA	E004	pH (field)	SU	12/15/15 - 03/05/24	31	0	CB around linear reg	6.3/6.6	5.6/7.6
MW-6	UA	E004	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 03/05/24	32	0	CI around median	0.37	1.00
MW-6	UA	E004	Selenium, total	mg/L	12/15/15 - 03/05/24	31	94	CI around median	0.001	0.00180
MW-6	UA	E004	Sulfate, total	mg/L	12/15/15 - 03/05/24	31	0	CI around geomean	138	151
MW-6	UA	E004	Thallium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.002	0.002
MW-6	UA	E004	Total Dissolved Solids	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	492	494
MW-7	UA	E004	Antimony, total	mg/L	12/15/15 - 03/05/24	29	100	All ND - Last	0.001	0.001
MW-7	UA	E004	Arsenic, total	mg/L	12/15/15 - 03/05/24	31	72	CI around median	0.001	0.00480
MW-7	UA	E004	Barium, total	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	0.0313	0.150
MW-7	UA	E004	Beryllium, total	mg/L	12/15/15 - 03/05/24	29	100	All ND - Last	0.001	0.001
MW-7	UA	E004	Boron, total	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	0.223	0.296
MW-7	UA	E004	Cadmium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.001	0.001
MW-7	UA	E004	Chloride, total	mg/L	12/15/15 - 03/05/24	31	75	CB around T-S line	2.44	18.0
MW-7	UA	E004	Chromium, total	mg/L	12/15/15 - 03/05/24	31	94	CB around T-S line	0.0015	0.00950
MW-7	UA	E004	Cobalt, total	mg/L	12/15/15 - 03/05/24	31	83	CI around median	0.001	0.00390
MW-7	UA	E004	Fluoride, total	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	0.254	0.510
MW-7	UA	E004	Lead, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.00510
MW-7	UA	E004	Lithium, total	mg/L	12/15/15 - 03/05/24	23	39	CI around median	0.003	0.0120
MW-7	UA	E004	Mercury, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.0002	0.0002
MW-7	UA	E004	Molybdenum, total	mg/L	12/15/15 - 03/05/24	23	4	CI around mean	0.00255	0.00620
MW-7	UA	E004	pH (field)	SU	12/15/15 - 03/05/24	31	0	CB around linear reg	6.7/7.0	5.6/7.6
MW-7	UA	E004	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 03/05/24	32	0	CI around geomean	0.461	1.00
MW-7	UA	E004	Selenium, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.00180
MW-7	UA	E004	Sulfate, total	mg/L	12/15/15 - 03/05/24	31	0	CI around geomean	176	151
MW-7	UA	E004	Thallium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.002	0.002
MW-7	UA	E004	Total Dissolved Solids	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	571	494
MW-7S	USCU	E004	Antimony, total	mg/L	02/24/21 - 03/04/24	11	91	CI around median	0.001	0.001

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-7S	USCU	E004	Arsenic, total	mg/L	02/24/21 - 03/04/24	11	0	CI around geomean	0.00482	0.00480
MW-7S	USCU	E004	Barium, total	mg/L	02/24/21 - 03/04/24	11	0	CI around median	0.039	0.150
MW-7S	USCU	E004	Beryllium, total	mg/L	02/24/21 - 03/04/24	11	100	All ND - Last	0.001	0.001
MW-7S	USCU	E004	Boron, total	mg/L	02/24/21 - 03/04/24	11	0	CI around mean	3.81	0.296
MW-7S	USCU	E004	Cadmium, total	mg/L	02/24/21 - 03/04/24	11	100	All ND - Last	0.001	0.001
MW-7S	USCU	E004	Chloride, total	mg/L	02/24/21 - 03/04/24	11	0	CI around mean	9.97	18.0
MW-7S	USCU	E004	Chromium, total	mg/L	02/24/21 - 03/04/24	11	54	CI around median	0.0015	0.00950
MW-7S	USCU	E004	Cobalt, total	mg/L	02/24/21 - 03/04/24	11	18	CI around median	0.0012	0.00390
MW-7S	USCU	E004	Fluoride, total	mg/L	02/24/21 - 03/04/24	11	0	CB around linear reg	0.25	0.510
MW-7S	USCU	E004	Lead, total	mg/L	02/24/21 - 03/04/24	11	73	CI around median	0.001	0.00510
MW-7S	USCU	E004	Lithium, total	mg/L	02/24/21 - 03/04/24	11	91	CI around median	0.003	0.0120
MW-7S	USCU	E004	Mercury, total	mg/L	02/24/21 - 03/04/24	11	100	All ND - Last	0.0002	0.0002
MW-7S	USCU	E004	Molybdenum, total	mg/L	02/24/21 - 03/04/24	11	73	CI around median	0.0015	0.00620
MW-7S	USCU	E004	pH (field)	SU	02/24/21 - 03/04/24	11	0	CI around median	6.5/6.8	5.6/7.6
MW-7S	USCU	E004	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 03/04/24	11	0	CI around mean	0.134	1.00
MW-7S	USCU	E004	Selenium, total	mg/L	02/24/21 - 03/04/24	11	100	All ND - Last	0.001	0.00180
MW-7S	USCU	E004	Sulfate, total	mg/L	02/24/21 - 03/04/24	11	0	CI around mean	416	151
MW-7S	USCU	E004	Thallium, total	mg/L	02/24/21 - 03/04/24	11	100	All ND - Last	0.002	0.002
MW-7S	USCU	E004	Total Dissolved Solids	mg/L	02/24/21 - 03/04/24	10	0	CI around median	1,010	494
MW-8	UA	E004	Antimony, total	mg/L	12/15/15 - 03/05/24	29	100	All ND - Last	0.001	0.001
MW-8	UA	E004	Arsenic, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.00480
MW-8	UA	E004	Barium, total	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	0.0199	0.150
MW-8	UA	E004	Beryllium, total	mg/L	12/15/15 - 03/05/24	29	100	All ND - Last	0.001	0.001
MW-8	UA	E004	Boron, total	mg/L	12/15/15 - 03/05/24	31	0	CI around median	0.958	0.296
MW-8	UA	E004	Cadmium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.001	0.001
MW-8	UA	E004	Chloride, total	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	15.3	18.0
MW-8	UA	E004	Chromium, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.0015	0.00950

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-8	UA	E004	Cobalt, total	mg/L	12/15/15 - 03/05/24	31	28	CB around linear reg	0.00091	0.00390
MW-8	UA	E004	Fluoride, total	mg/L	12/15/15 - 03/05/24	31	0	CB around T-S line	0.217	0.510
MW-8	UA	E004	Lead, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.00510
MW-8	UA	E004	Lithium, total	mg/L	12/15/15 - 03/05/24	23	52	CB around T-S line	0.00287	0.0120
MW-8	UA	E004	Mercury, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.0002	0.0002
MW-8	UA	E004	Molybdenum, total	mg/L	12/15/15 - 03/05/24	23	100	All ND - Last	0.0015	0.00620
MW-8	UA	E004	pH (field)	SU	12/15/15 - 03/05/24	31	0	CI around mean	6.6/6.7	5.6/7.6
MW-8	UA	E004	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 03/05/24	32	0	CI around median	0.21	1.00
MW-8	UA	E004	Selenium, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.00180
MW-8	UA	E004	Sulfate, total	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	208	151
MW-8	UA	E004	Thallium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.002	0.002
MW-8	UA	E004	Total Dissolved Solids	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	762	494
MW-8S	USCU	E004	Antimony, total	mg/L	--	--	--	--	--	0.001
MW-8S	USCU	E004	Arsenic, total	mg/L	--	--	--	--	--	0.00480
MW-8S	USCU	E004	Barium, total	mg/L	--	--	--	--	--	0.150
MW-8S	USCU	E004	Beryllium, total	mg/L	--	--	--	--	--	0.001
MW-8S	USCU	E004	Boron, total	mg/L	--	--	--	--	--	0.296
MW-8S	USCU	E004	Cadmium, total	mg/L	--	--	--	--	--	0.001
MW-8S	USCU	E004	Chloride, total	mg/L	--	--	--	--	--	18.0
MW-8S	USCU	E004	Chromium, total	mg/L	--	--	--	--	--	0.00950
MW-8S	USCU	E004	Cobalt, total	mg/L	--	--	--	--	--	0.00390
MW-8S	USCU	E004	Fluoride, total	mg/L	--	--	--	--	--	0.510
MW-8S	USCU	E004	Lead, total	mg/L	--	--	--	--	--	0.00510
MW-8S	USCU	E004	Lithium, total	mg/L	--	--	--	--	--	0.0120
MW-8S	USCU	E004	Mercury, total	mg/L	--	--	--	--	--	0.0002
MW-8S	USCU	E004	Molybdenum, total	mg/L	--	--	--	--	--	0.00620
MW-8S	USCU	E004	pH (field)	SU	--	--	--	--	--	5.6/7.6

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 1, 2024
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ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-8S	USCU	E004	Radium 226 + Radium 228, total	pCi/L	--	--	--	--	--	1.00
MW-8S	USCU	E004	Selenium, total	mg/L	--	--	--	--	--	0.00180
MW-8S	USCU	E004	Sulfate, total	mg/L	--	--	--	--	--	151
MW-8S	USCU	E004	Thallium, total	mg/L	--	--	--	--	--	0.002
MW-8S	USCU	E004	Total Dissolved Solids	mg/L	--	--	--	--	--	494
MW-11	UA	E004	Antimony, total	mg/L	12/15/15 - 03/05/24	29	97	CI around median	0.001	0.001
MW-11	UA	E004	Arsenic, total	mg/L	12/15/15 - 03/05/24	31	23	CI around median	0.0012	0.00480
MW-11	UA	E004	Barium, total	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	0.112	0.150
MW-11	UA	E004	Beryllium, total	mg/L	12/15/15 - 03/05/24	29	100	All ND - Last	0.001	0.001
MW-11	UA	E004	Boron, total	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	1.56	0.296
MW-11	UA	E004	Cadmium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.001	0.001
MW-11	UA	E004	Chloride, total	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	29.6	18.0
MW-11	UA	E004	Chromium, total	mg/L	12/15/15 - 03/05/24	31	97	CB around T-S line	0.0015	0.00950
MW-11	UA	E004	Cobalt, total	mg/L	12/15/15 - 03/05/24	31	94	CI around median	0.001	0.00390
MW-11	UA	E004	Fluoride, total	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	0.492	0.510
MW-11	UA	E004	Lead, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.00510
MW-11	UA	E004	Lithium, total	mg/L	12/15/15 - 03/05/24	23	48	CB around linear reg	0.00283	0.0120
MW-11	UA	E004	Mercury, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.0002	0.0002
MW-11	UA	E004	Molybdenum, total	mg/L	12/15/15 - 03/05/24	23	4	CI around median	0.0021	0.00620
MW-11	UA	E004	pH (field)	SU	12/15/15 - 03/05/24	31	0	CB around linear reg	6.5/6.8	5.6/7.6
MW-11	UA	E004	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 03/05/24	32	0	CI around mean	0.549	1.00
MW-11	UA	E004	Selenium, total	mg/L	12/15/15 - 03/05/24	31	64	CI around median	0.001	0.00180
MW-11	UA	E004	Sulfate, total	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	108	151
MW-11	UA	E004	Thallium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.002	0.002
MW-11	UA	E004	Total Dissolved Solids	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	626	494
MW-12	UA	E004	Antimony, total	mg/L	12/15/15 - 03/05/24	29	97	CI around median	0.001	0.001
MW-12	UA	E004	Arsenic, total	mg/L	12/15/15 - 03/05/24	31	90	CB around T-S line	0.001	0.00480

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 1, 2024
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ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-12	UA	E004	Barium, total	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	0.0609	0.150
MW-12	UA	E004	Beryllium, total	mg/L	12/15/15 - 03/05/24	29	100	All ND - Last	0.001	0.001
MW-12	UA	E004	Boron, total	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	2.68	0.296
MW-12	UA	E004	Cadmium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.001	0.001
MW-12	UA	E004	Chloride, total	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	19.9	18.0
MW-12	UA	E004	Chromium, total	mg/L	12/15/15 - 03/05/24	31	97	CB around T-S line	0.0015	0.00950
MW-12	UA	E004	Cobalt, total	mg/L	12/15/15 - 03/05/24	31	100	All ND - Last	0.001	0.00390
MW-12	UA	E004	Fluoride, total	mg/L	12/15/15 - 03/05/24	31	0	CI around median	0.18	0.510
MW-12	UA	E004	Lead, total	mg/L	12/15/15 - 03/05/24	31	97	CI around median	0.001	0.00510
MW-12	UA	E004	Lithium, total	mg/L	12/15/15 - 03/05/24	23	0	CI around mean	0.00848	0.0120
MW-12	UA	E004	Mercury, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.0002	0.0002
MW-12	UA	E004	Molybdenum, total	mg/L	12/15/15 - 03/05/24	23	83	CB around T-S line	0.0015	0.00620
MW-12	UA	E004	pH (field)	SU	12/15/15 - 03/05/24	31	0	CB around linear reg	6.4/6.7	5.6/7.6
MW-12	UA	E004	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 03/05/24	32	0	CI around median	0.447	1.00
MW-12	UA	E004	Selenium, total	mg/L	12/15/15 - 03/05/24	31	97	CI around median	0.001	0.00180
MW-12	UA	E004	Sulfate, total	mg/L	12/15/15 - 03/05/24	31	0	CI around mean	362	151
MW-12	UA	E004	Thallium, total	mg/L	12/15/15 - 03/05/24	28	100	All ND - Last	0.002	0.002
MW-12	UA	E004	Total Dissolved Solids	mg/L	12/15/15 - 03/05/24	31	0	CB around linear reg	990	494
MW-20	UA	E004	Antimony, total	mg/L	02/26/21 - 03/05/24	13	92	CI around median	0.001	0.001
MW-20	UA	E004	Arsenic, total	mg/L	02/26/21 - 03/05/24	13	46	CI around median	0.001	0.00480
MW-20	UA	E004	Barium, total	mg/L	02/26/21 - 03/05/24	13	0	CB around linear reg	0.065	0.150
MW-20	UA	E004	Beryllium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.001	0.001
MW-20	UA	E004	Boron, total	mg/L	02/26/21 - 03/05/24	13	0	CB around linear reg	0.547	0.296
MW-20	UA	E004	Cadmium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.001	0.001
MW-20	UA	E004	Chloride, total	mg/L	02/26/21 - 03/05/24	13	0	CB around linear reg	18.7	18.0
MW-20	UA	E004	Chromium, total	mg/L	02/26/21 - 03/05/24	13	92	CI around median	0.0015	0.00950
MW-20	UA	E004	Cobalt, total	mg/L	02/26/21 - 03/05/24	13	92	CI around median	0.001	0.00390

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 1, 2024
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KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-20	UA	E004	Fluoride, total	mg/L	02/26/21 - 03/05/24	13	0	CB around linear reg	0.318	0.510
MW-20	UA	E004	Lead, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.001	0.00510
MW-20	UA	E004	Lithium, total	mg/L	02/26/21 - 03/05/24	13	0	CB around linear reg	-0.00347	0.0120
MW-20	UA	E004	Mercury, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.0002	0.0002
MW-20	UA	E004	Molybdenum, total	mg/L	02/26/21 - 03/05/24	13	8	CB around linear reg	-0.000432	0.00620
MW-20	UA	E004	pH (field)	SU	02/26/21 - 03/05/24	13	0	CI around mean	6.8/7.1	5.6/7.6
MW-20	UA	E004	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 03/05/24	13	0	CI around mean	0.239	1.00
MW-20	UA	E004	Selenium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.001	0.00180
MW-20	UA	E004	Sulfate, total	mg/L	02/26/21 - 03/05/24	13	0	CB around linear reg	144	151
MW-20	UA	E004	Thallium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.002	0.002
MW-20	UA	E004	Total Dissolved Solids	mg/L	02/26/21 - 03/05/24	12	0	CB around linear reg	641	494
MW-20S	USCU	E004	Antimony, total	mg/L	02/26/21 - 03/04/24	13	92	CI around median	0.001	0.001
MW-20S	USCU	E004	Arsenic, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.001	0.00480
MW-20S	USCU	E004	Barium, total	mg/L	02/26/21 - 03/04/24	13	8	CI around median	0.0346	0.150
MW-20S	USCU	E004	Beryllium, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.001	0.001
MW-20S	USCU	E004	Boron, total	mg/L	02/26/21 - 03/04/24	13	0	CB around linear reg	1.22	0.296
MW-20S	USCU	E004	Cadmium, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.001	0.001
MW-20S	USCU	E004	Chloride, total	mg/L	02/26/21 - 03/04/24	13	0	CI around mean	17.6	18.0
MW-20S	USCU	E004	Chromium, total	mg/L	02/26/21 - 03/04/24	13	92	CI around median	0.0015	0.00950
MW-20S	USCU	E004	Cobalt, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.001	0.00390
MW-20S	USCU	E004	Fluoride, total	mg/L	02/26/21 - 03/04/24	13	0	CI around mean	0.176	0.510
MW-20S	USCU	E004	Lead, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.001	0.00510
MW-20S	USCU	E004	Lithium, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.003	0.0120
MW-20S	USCU	E004	Mercury, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.0002	0.0002
MW-20S	USCU	E004	Molybdenum, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.0015	0.00620
MW-20S	USCU	E004	pH (field)	SU	02/26/21 - 03/04/24	13	0	CI around mean	6.5/6.8	5.6/7.6
MW-20S	USCU	E004	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 03/04/24	13	0	CI around mean	0.158	1.00

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 1, 2024
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KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-20S	USCU	E004	Selenium, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.001	0.00180
MW-20S	USCU	E004	Sulfate, total	mg/L	02/26/21 - 03/04/24	13	0	CB around linear reg	305	151
MW-20S	USCU	E004	Thallium, total	mg/L	02/26/21 - 03/04/24	13	100	All ND - Last	0.002	0.002
MW-20S	USCU	E004	Total Dissolved Solids	mg/L	02/26/21 - 03/04/24	12	0	CB around linear reg	902	494
MW-23	UA	E004	Antimony, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.001	0.001
MW-23	UA	E004	Arsenic, total	mg/L	02/26/21 - 03/05/24	13	46	CI around median	0.001	0.00480
MW-23	UA	E004	Barium, total	mg/L	02/26/21 - 03/05/24	13	0	CI around mean	0.0835	0.150
MW-23	UA	E004	Beryllium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.001	0.001
MW-23	UA	E004	Boron, total	mg/L	02/26/21 - 03/05/24	13	0	CI around median	1.95	0.296
MW-23	UA	E004	Cadmium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.001	0.001
MW-23	UA	E004	Chloride, total	mg/L	02/26/21 - 03/05/24	13	0	CB around linear reg	24.1	18.0
MW-23	UA	E004	Chromium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.0015	0.00950
MW-23	UA	E004	Cobalt, total	mg/L	02/26/21 - 03/05/24	13	38	CI around median	0.001	0.00390
MW-23	UA	E004	Fluoride, total	mg/L	02/26/21 - 03/05/24	13	0	CI around mean	0.345	0.510
MW-23	UA	E004	Lead, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.001	0.00510
MW-23	UA	E004	Lithium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.003	0.0120
MW-23	UA	E004	Mercury, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.0002	0.0002
MW-23	UA	E004	Molybdenum, total	mg/L	02/26/21 - 03/05/24	13	92	CI around median	0.0015	0.00620
MW-23	UA	E004	pH (field)	SU	02/26/21 - 03/05/24	13	0	CI around mean	6.5/6.8	5.6/7.6
MW-23	UA	E004	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 03/05/24	13	0	CI around mean	0.272	1.00
MW-23	UA	E004	Selenium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.001	0.00180
MW-23	UA	E004	Sulfate, total	mg/L	02/26/21 - 03/05/24	13	0	CI around mean	41.4	151
MW-23	UA	E004	Thallium, total	mg/L	02/26/21 - 03/05/24	13	100	All ND - Last	0.002	0.002
MW-23	UA	E004	Total Dissolved Solids	mg/L	02/26/21 - 03/05/24	12	0	CI around mean	581	494
MW-27	USCU	E004	Antimony, total	mg/L	02/24/21 - 03/05/24	10	80	CI around median	0.001	0.001
MW-27	USCU	E004	Arsenic, total	mg/L	02/24/21 - 03/05/24	10	0	CI around geomean	0.00361	0.00480
MW-27	USCU	E004	Barium, total	mg/L	02/24/21 - 03/05/24	10	0	CI around geomean	0.0832	0.150

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 1, 2024
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-27	USCU	E004	Beryllium, total	mg/L	02/24/21 - 03/05/24	10	70	CI around median	0.001	0.001
MW-27	USCU	E004	Boron, total	mg/L	02/24/21 - 03/05/24	10	0	CI around mean	0.972	0.296
MW-27	USCU	E004	Cadmium, total	mg/L	02/24/21 - 03/05/24	10	90	CI around median	0.001	0.001
MW-27	USCU	E004	Chloride, total	mg/L	02/24/21 - 03/05/24	10	0	CI around mean	14.3	18.0
MW-27	USCU	E004	Chromium, total	mg/L	02/24/21 - 03/05/24	10	10	CI around geomean	0.00276	0.00950
MW-27	USCU	E004	Cobalt, total	mg/L	02/24/21 - 03/05/24	10	0	CI around geomean	0.00211	0.00390
MW-27	USCU	E004	Fluoride, total	mg/L	02/24/21 - 03/05/24	10	0	CI around median	0.17	0.510
MW-27	USCU	E004	Lead, total	mg/L	02/24/21 - 03/05/24	10	10	CI around geomean	0.0014	0.00510
MW-27	USCU	E004	Lithium, total	mg/L	02/24/21 - 03/05/24	10	30	CI around geomean	0.00321	0.0120
MW-27	USCU	E004	Mercury, total	mg/L	02/24/21 - 03/05/24	10	80	CI around median	0.0002	0.0002
MW-27	USCU	E004	Molybdenum, total	mg/L	02/24/21 - 03/05/24	10	20	CI around geomean	0.00221	0.00620
MW-27	USCU	E004	pH (field)	SU	02/24/21 - 03/05/24	11	0	CI around mean	6.6/6.9	5.6/7.6
MW-27	USCU	E004	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 03/05/24	10	0	CI around geomean	0.364	1.00
MW-27	USCU	E004	Selenium, total	mg/L	02/24/21 - 03/05/24	10	100	All ND - Last	0.001	0.00180
MW-27	USCU	E004	Sulfate, total	mg/L	02/24/21 - 03/05/24	10	0	CI around mean	263	151
MW-27	USCU	E004	Thallium, total	mg/L	02/24/21 - 03/05/24	10	90	CI around median	0.002	0.002
MW-27	USCU	E004	Total Dissolved Solids	mg/L	02/24/21 - 03/05/24	9	0	CI around median	885	494
MW-28	UA	E004	Antimony, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.001
MW-28	UA	E004	Arsenic, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.00480
MW-28	UA	E004	Barium, total	mg/L	02/24/21 - 03/06/24	13	0	CI around mean	0.0224	0.150
MW-28	UA	E004	Beryllium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.001
MW-28	UA	E004	Boron, total	mg/L	02/24/21 - 03/06/24	13	0	CI around mean	8.73	0.296
MW-28	UA	E004	Cadmium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.001
MW-28	UA	E004	Chloride, total	mg/L	02/24/21 - 03/06/24	13	0	CI around mean	12.5	18.0
MW-28	UA	E004	Chromium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.0015	0.00950
MW-28	UA	E004	Cobalt, total	mg/L	02/24/21 - 03/06/24	13	85	CI around median	0.001	0.00390
MW-28	UA	E004	Fluoride, total	mg/L	02/24/21 - 03/06/24	13	0	CI around median	0.13	0.510

ATTACHMENT C.
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ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-28	UA	E004	Lead, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.00510
MW-28	UA	E004	Lithium, total	mg/L	02/24/21 - 03/06/24	13	0	CI around mean	0.0061	0.0120
MW-28	UA	E004	Mercury, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.0002	0.0002
MW-28	UA	E004	Molybdenum, total	mg/L	02/24/21 - 03/06/24	13	92	CI around median	0.0015	0.00620
MW-28	UA	E004	pH (field)	SU	02/24/21 - 03/06/24	13	0	CI around mean	6.6/6.8	5.6/7.6
MW-28	UA	E004	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 03/06/24	13	0	CB around linear reg	0.421	1.00
MW-28	UA	E004	Selenium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.00180
MW-28	UA	E004	Sulfate, total	mg/L	02/24/21 - 03/06/24	13	0	CI around mean	816	151
MW-28	UA	E004	Thallium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.002	0.002
MW-28	UA	E004	Total Dissolved Solids	mg/L	02/24/21 - 03/06/24	12	0	CI around mean	1,630	494
MW-30	UA	E004	Antimony, total	mg/L	02/25/21 - 03/06/24	13	92	Most recent sample	0.001	0.001
MW-30	UA	E004	Arsenic, total	mg/L	02/25/21 - 03/06/24	13	8	CB around linear reg	0.00309	0.00480
MW-30	UA	E004	Barium, total	mg/L	02/25/21 - 03/06/24	13	0	CI around mean	0.152	0.150
MW-30	UA	E004	Beryllium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.001	0.001
MW-30	UA	E004	Boron, total	mg/L	02/25/21 - 03/06/24	13	0	CI around median	1.09	0.296
MW-30	UA	E004	Cadmium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.001	0.001
MW-30	UA	E004	Chloride, total	mg/L	02/25/21 - 03/06/24	13	0	CB around linear reg	38.3	18.0
MW-30	UA	E004	Chromium, total	mg/L	02/25/21 - 03/06/24	13	77	CI around median	0.0015	0.00950
MW-30	UA	E004	Cobalt, total	mg/L	02/25/21 - 03/06/24	13	0	CI around mean	0.00202	0.00390
MW-30	UA	E004	Fluoride, total	mg/L	02/25/21 - 03/06/24	13	0	CB around linear reg	0.311	0.510
MW-30	UA	E004	Lead, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.001	0.00510
MW-30	UA	E004	Lithium, total	mg/L	02/25/21 - 03/06/24	13	85	CB around T-S line	-0.00522	0.0120
MW-30	UA	E004	Mercury, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.0002	0.0002
MW-30	UA	E004	Molybdenum, total	mg/L	02/25/21 - 03/06/24	13	31	CI around median	0.0015	0.00620
MW-30	UA	E004	pH (field)	SU	02/25/21 - 03/06/24	13	0	CI around mean	6.4/6.6	5.6/7.6
MW-30	UA	E004	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 03/06/24	13	0	CI around geomean	0.606	1.00
MW-30	UA	E004	Selenium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.001	0.00180

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KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-30	UA	E004	Sulfate, total	mg/L	02/25/21 - 03/06/24	13	38	CB around linear reg	-29.5	151
MW-30	UA	E004	Thallium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.002	0.002
MW-30	UA	E004	Total Dissolved Solids	mg/L	02/25/21 - 03/06/24	12	0	CB around linear reg	566	494
MW-31	UA	E004	Antimony, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.001
MW-31	UA	E004	Arsenic, total	mg/L	02/24/21 - 03/06/24	13	8	CI around mean	0.00246	0.00480
MW-31	UA	E004	Barium, total	mg/L	02/24/21 - 03/06/24	13	0	CI around mean	0.214	0.150
MW-31	UA	E004	Beryllium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.001
MW-31	UA	E004	Boron, total	mg/L	02/24/21 - 03/06/24	13	0	CI around mean	0.242	0.296
MW-31	UA	E004	Cadmium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.001
MW-31	UA	E004	Chloride, total	mg/L	02/24/21 - 03/06/24	13	0	CI around mean	46.4	18.0
MW-31	UA	E004	Chromium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.0015	0.00950
MW-31	UA	E004	Cobalt, total	mg/L	02/24/21 - 03/06/24	13	77	CI around median	0.001	0.00390
MW-31	UA	E004	Fluoride, total	mg/L	02/24/21 - 03/06/24	13	0	CI around median	0.17	0.510
MW-31	UA	E004	Lead, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.00510
MW-31	UA	E004	Lithium, total	mg/L	02/24/21 - 03/06/24	13	0	CI around mean	0.00479	0.0120
MW-31	UA	E004	Mercury, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.0002	0.0002
MW-31	UA	E004	Molybdenum, total	mg/L	02/24/21 - 03/06/24	13	54	CB around T-S line	-0.00557	0.00620
MW-31	UA	E004	pH (field)	SU	02/24/21 - 03/06/24	13	0	CI around mean	6.5/6.7	5.6/7.6
MW-31	UA	E004	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 03/06/24	13	0	CI around mean	0.62	1.00
MW-31	UA	E004	Selenium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.001	0.00180
MW-31	UA	E004	Sulfate, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	10	151
MW-31	UA	E004	Thallium, total	mg/L	02/24/21 - 03/06/24	13	100	All ND - Last	0.002	0.002
MW-31	UA	E004	Total Dissolved Solids	mg/L	02/24/21 - 03/06/24	12	0	CI around mean	577	494
MW-31S	USCU	E004	Antimony, total	mg/L	02/24/21 - 03/04/24	12	83	CI around median	0.001	0.001
MW-31S	USCU	E004	Arsenic, total	mg/L	02/24/21 - 03/04/24	12	0	CI around mean	0.00602	0.00480
MW-31S	USCU	E004	Barium, total	mg/L	02/24/21 - 03/04/24	12	0	CI around geomean	0.206	0.150
MW-31S	USCU	E004	Beryllium, total	mg/L	02/24/21 - 03/04/24	12	92	CI around median	0.001	0.001

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-31S	USCU	E004	Boron, total	mg/L	02/24/21 - 03/04/24	12	8	CI around mean	0.0366	0.296
MW-31S	USCU	E004	Cadmium, total	mg/L	02/24/21 - 03/04/24	12	100	All ND - Last	0.001	0.001
MW-31S	USCU	E004	Chloride, total	mg/L	02/24/21 - 03/04/24	11	0	CI around mean	14.6	18.0
MW-31S	USCU	E004	Chromium, total	mg/L	02/24/21 - 03/04/24	12	50	CI around median	0.0015	0.00950
MW-31S	USCU	E004	Cobalt, total	mg/L	02/24/21 - 03/04/24	12	0	CI around geomean	0.0031	0.00390
MW-31S	USCU	E004	Fluoride, total	mg/L	02/24/21 - 03/04/24	11	0	CI around mean	0.219	0.510
MW-31S	USCU	E004	Lead, total	mg/L	02/24/21 - 03/04/24	12	33	CI around geomean	0.000877	0.00510
MW-31S	USCU	E004	Lithium, total	mg/L	02/24/21 - 03/04/24	12	58	CI around median	0.003	0.0120
MW-31S	USCU	E004	Mercury, total	mg/L	02/24/21 - 03/04/24	12	100	All ND - Last	0.0002	0.0002
MW-31S	USCU	E004	Molybdenum, total	mg/L	02/24/21 - 03/04/24	12	33	CI around mean	0.00209	0.00620
MW-31S	USCU	E004	pH (field)	SU	02/24/21 - 03/04/24	13	0	CI around mean	6.5/6.7	5.6/7.6
MW-31S	USCU	E004	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 03/04/24	11	0	CI around mean	0.926	1.00
MW-31S	USCU	E004	Selenium, total	mg/L	02/24/21 - 03/04/24	12	100	All ND - Last	0.001	0.00180
MW-31S	USCU	E004	Sulfate, total	mg/L	02/24/21 - 03/04/24	11	18	CB around linear reg	-102	151
MW-31S	USCU	E004	Thallium, total	mg/L	02/24/21 - 03/04/24	12	100	All ND - Last	0.002	0.002
MW-31S	USCU	E004	Total Dissolved Solids	mg/L	02/24/21 - 03/04/24	10	0	CB around linear reg	546	494
MW-32	UA	E004	Antimony, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.001	0.001
MW-32	UA	E004	Arsenic, total	mg/L	02/25/21 - 03/06/24	13	92	CI around median	0.001	0.00480
MW-32	UA	E004	Barium, total	mg/L	02/25/21 - 03/06/24	13	0	CB around linear reg	0.0286	0.150
MW-32	UA	E004	Beryllium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.001	0.001
MW-32	UA	E004	Boron, total	mg/L	02/25/21 - 03/06/24	13	0	CI around mean	1.53	0.296
MW-32	UA	E004	Cadmium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.001	0.001
MW-32	UA	E004	Chloride, total	mg/L	02/25/21 - 03/06/24	13	0	CB around linear reg	9.58	18.0
MW-32	UA	E004	Chromium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.0015	0.00950
MW-32	UA	E004	Cobalt, total	mg/L	02/25/21 - 03/06/24	13	77	CI around median	0.001	0.00390
MW-32	UA	E004	Fluoride, total	mg/L	02/25/21 - 03/06/24	13	0	CI around median	0.17	0.510
MW-32	UA	E004	Lead, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.001	0.00510

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-32	UA	E004	Lithium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.003	0.0120
MW-32	UA	E004	Mercury, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.0002	0.0002
MW-32	UA	E004	Molybdenum, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.0015	0.00620
MW-32	UA	E004	pH (field)	SU	02/25/21 - 03/06/24	13	0	CI around mean	6.3/6.5	5.6/7.6
MW-32	UA	E004	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 03/06/24	13	0	CI around mean	0.143	1.00
MW-32	UA	E004	Selenium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.001	0.00180
MW-32	UA	E004	Sulfate, total	mg/L	02/25/21 - 03/06/24	13	0	CI around mean	391	151
MW-32	UA	E004	Thallium, total	mg/L	02/25/21 - 03/06/24	13	100	All ND - Last	0.002	0.002
MW-32	UA	E004	Total Dissolved Solids	mg/L	02/25/21 - 03/06/24	12	0	CB around linear reg	1,000	494
PZ-4C	UA	E004	Antimony, total	mg/L	02/25/21 - 03/06/24	12	83	CI around median	0.001	0.001
PZ-4C	UA	E004	Arsenic, total	mg/L	02/25/21 - 03/06/24	12	42	CI around geomean	0.000988	0.00480
PZ-4C	UA	E004	Barium, total	mg/L	02/25/21 - 03/06/24	12	0	CI around median	0.247	0.150
PZ-4C	UA	E004	Beryllium, total	mg/L	02/25/21 - 03/06/24	12	92	CI around median	0.001	0.001
PZ-4C	UA	E004	Boron, total	mg/L	02/25/21 - 03/06/24	12	0	CI around mean	1.38	0.296
PZ-4C	UA	E004	Cadmium, total	mg/L	02/25/21 - 03/06/24	12	92	CI around median	0.001	0.001
PZ-4C	UA	E004	Chloride, total	mg/L	02/25/21 - 03/06/24	12	0	CB around linear reg	30.8	18.0
PZ-4C	UA	E004	Chromium, total	mg/L	02/25/21 - 03/06/24	12	42	CI around median	0.0015	0.00950
PZ-4C	UA	E004	Cobalt, total	mg/L	02/25/21 - 03/06/24	12	75	CI around median	0.001	0.00390
PZ-4C	UA	E004	Fluoride, total	mg/L	02/25/21 - 03/06/24	12	0	CI around mean	0.379	0.510
PZ-4C	UA	E004	Lead, total	mg/L	02/25/21 - 03/06/24	12	58	CI around median	0.001	0.00510
PZ-4C	UA	E004	Lithium, total	mg/L	02/25/21 - 03/06/24	12	0	CI around median	0.0067	0.0120
PZ-4C	UA	E004	Mercury, total	mg/L	02/25/21 - 03/06/24	12	92	CI around median	0.0002	0.0002
PZ-4C	UA	E004	Molybdenum, total	mg/L	02/25/21 - 03/06/24	12	75	CI around median	0.0015	0.00620
PZ-4C	UA	E004	pH (field)	SU	02/25/21 - 03/06/24	12	0	CI around mean	6.6/7.1	5.6/7.6
PZ-4C	UA	E004	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 03/06/24	12	0	CI around geomean	0.52	1.00
PZ-4C	UA	E004	Selenium, total	mg/L	02/25/21 - 03/06/24	12	100	All ND - Last	0.001	0.00180
PZ-4C	UA	E004	Sulfate, total	mg/L	02/25/21 - 03/06/24	12	0	CI around mean	60.7	151

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PZ-4C	UA	E004	Thallium, total	mg/L	02/25/21 - 03/06/24	12	100	All ND - Last	0.002	0.002
PZ-4C	UA	E004	Total Dissolved Solids	mg/L	02/25/21 - 03/06/24	11	0	CI around mean	537	494

Notes:
– = no data available
Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value
HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

USCU = Upper Semi-Confining Unit

mg/L = milligrams per liter
ND = non-detect
pCi/L = picocuries per liter
SU = standard units
Sample Count = number of samples from Sampled Date Range used to calculate the Statistical Result
Statistical Calculation = method used to calculate the statistical result:

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

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

CB around linear reg = Confidence band around linear regression

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

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

Statistical Result = calculated in accordance with the Statistical Analysis Plan using constituent concentrations observed at each monitoring well during all sampling events within the specified date range
For pH, the values presented are the lower / upper limits of the background determination