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

December 12, 2023

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

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

Dear Mr. LeCrone:

In accordance with Title 35 of the Illinois Administrative Code (35 I.A.C.) Section (§) 845.610(b)(3)(D), Kincaid Generation, LLC is submitting groundwater monitoring data for the Quarter 3, 2023 sampling event at the Kincaid Power Plant Ash Pond, identified by Illinois Environmental Protection Agency (IEPA) ID No. W0218140002-01. This data is being submitted and placed in the facility's operating record as required by 35 I.A.C. § 845.800(d)(15) within 60 days of receiving final laboratory analytical data. Results were compared with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine statistical exceedances of the GWPS.

The date of this submittal is considered to be the date that exceedances of the GWPS were detected. This notification of exceedances of the GWPSs in 35 I.A.C. § 845.600 will be placed in the facility's operating record within 30 days as required by 35 I.A.C. § 845.800(d)(16). As allowed in 35 I.A.C. § 845.650(e), an alternative source demonstration (ASD) will be evaluated for the detected exceedances of the GWPS and, if successfully completed, the ASD will be submitted to IEPA within 60 days of this transmittal.

Sincerely,

Phil Morris, PE
Senior Director, Environmental

Enclosures

Groundwater Monitoring Data and Detected Exceedances, Quarter 3, 2023, Ash Pond, Kincaid Power Plant, Kincaid, Illinois

RAMBOLL

ENVIRONMENT
& HEALTH

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

December 12, 2023

Samples were collected on September 5 through 7, 2023 and analyzed for the parameters listed in Title 35 of the Illinois Administrative Code (35 I.A.C.) Section (§) 845.600(a), calcium, and turbidity. Final laboratory analytical data was received on October 13, 2023.

The monitoring well locations are included in **Figure 1**. **Attachment A** summarizes the groundwater elevation data for the Quarter 3, 2023 sampling event. **Table 1** is a summary of the field parameters and analytical results. **Attachment B** contains the associated laboratory analytical reports and field data sheets for the Quarter 3, 2023 sampling event. Monitoring wells MW-8S and MW-27 were dry; therefore, groundwater elevation data were not recorded, and groundwater samples were not collected for this sampling event. Monitoring wells MW-7S and PZ-4C went dry during purging; episodic groundwater elevation data was recorded, but samples were not collected for this sampling event. Monitoring well MW-31S went dry during sample collection; the container for total inorganics analyses[1] could not be filled.

Statistical procedures used to evaluate groundwater results are provided in Appendix A of the Groundwater Monitoring Plan[2] provided in the operating permit application. In accordance with 35 I.A.C. § 845.610(b)(3)(B), the Quarter 3, 2023 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.

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

TABLES

FIGURES

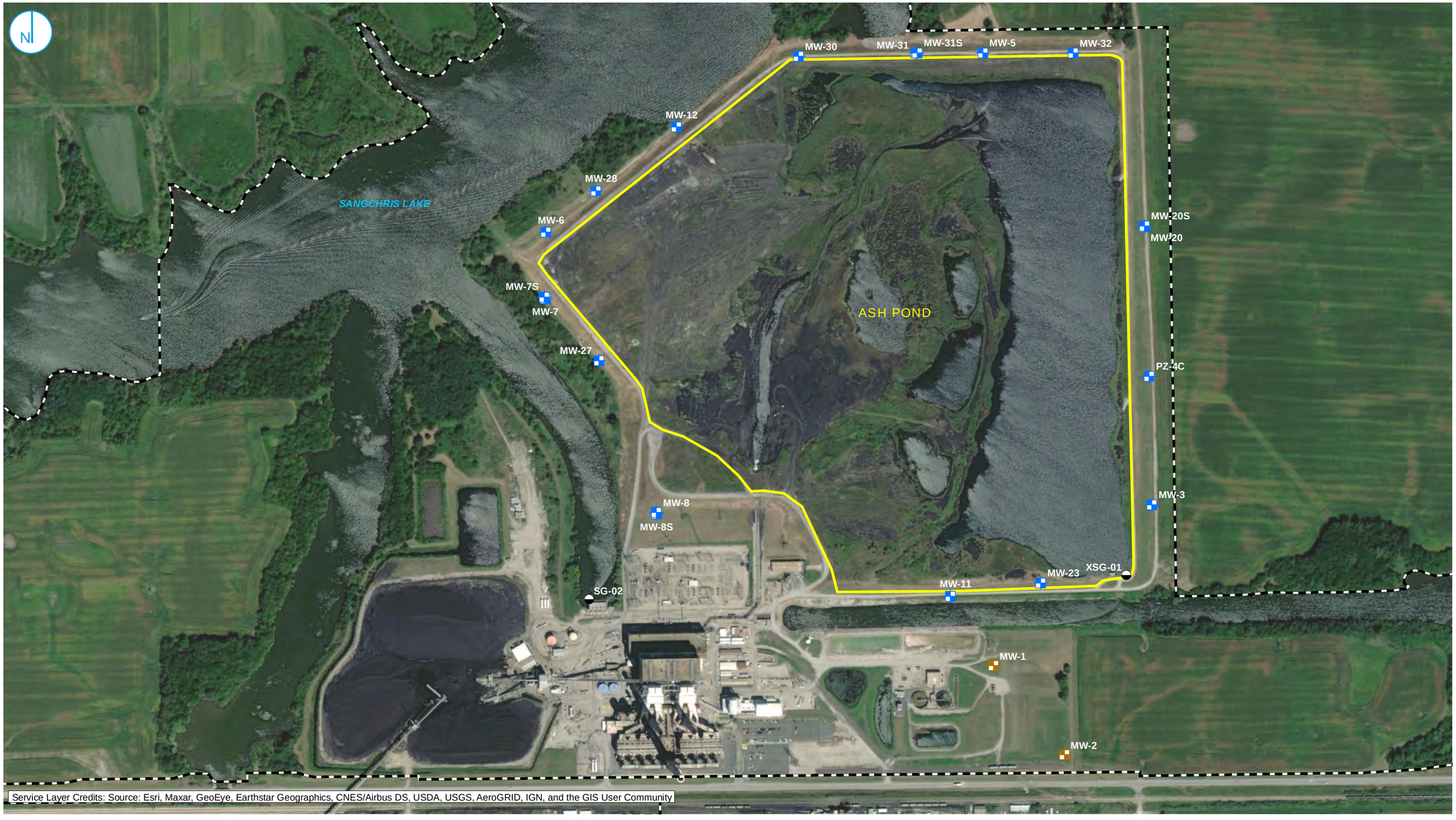
[1] Alkalinity bicarbonate, alkalinity carbonate, chloride, fluoride, nitrate, phosphate, sulfate, and total dissolved solids (TDS).

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

ATTACHMENTS

Attachment A Groundwater Elevation Data - Quarter 3, 2023
Attachment B Laboratory Reports and Field Data Sheets - Quarter 3, 2023
Attachment C Comparison of Statistical Results to Background - Quarter 3, 2023

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

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

ASH POND

KINCAID POWER PLANT
KINCAID, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-1	Background	E002	09/05/2023	Antimony, total	0.0004 U	mg/L
MW-1	Background	E002	09/05/2023	Arsenic, total	0.0004 U	mg/L
MW-1	Background	E002	09/05/2023	Barium, total	0.0417	mg/L
MW-1	Background	E002	09/05/2023	Beryllium, total	0.0002 U	mg/L
MW-1	Background	E002	09/05/2023	Boron, total	0.270	mg/L
MW-1	Background	E002	09/05/2023	Cadmium, total	0.0002 U	mg/L
MW-1	Background	E002	09/05/2023	Calcium, total	54.3	mg/L
MW-1	Background	E002	09/05/2023	Chloride, total	13.0	mg/L
MW-1	Background	E002	09/05/2023	Chromium, total	0.001 U	mg/L
MW-1	Background	E002	09/05/2023	Cobalt, total	0.0001 U	mg/L
MW-1	Background	E002	09/05/2023	Dissolved Oxygen	0.570	mg/L
MW-1	Background	E002	09/05/2023	Fluoride, total	0.260	mg/L
MW-1	Background	E002	09/05/2023	Lead, total	0.0006 U	mg/L
MW-1	Background	E002	09/05/2023	Lithium, total	0.0017 J	mg/L
MW-1	Background	E002	09/05/2023	Mercury, total	0.00006 U	mg/L
MW-1	Background	E002	09/05/2023	Molybdenum, total	0.0006 U	mg/L
MW-1	Background	E002	09/05/2023	Oxidation Reduction Potential	42.0	mV
MW-1	Background	E002	09/05/2023	pH (field)	6.4	SU
MW-1	Background	E002	09/05/2023	Radium 226 + Radium 228, total	0.603	pCi/L
MW-1	Background	E002	09/05/2023	Selenium, total	0.0006 U	mg/L
MW-1	Background	E002	09/05/2023	Specific Conductance @ 25C (field)	876	micromhos/cm
MW-1	Background	E002	09/05/2023	Sulfate, total	80.0	mg/L
MW-1	Background	E002	09/05/2023	Temperature	16.6	degrees C
MW-1	Background	E002	09/05/2023	Thallium, total	0.001 U	mg/L
MW-1	Background	E002	09/05/2023	Total Dissolved Solids	352	mg/L
MW-1	Background	E002	09/05/2023	Turbidity, field	1.40	NTU
MW-2	Background	E002	09/05/2023	Antimony, total	0.0004 U	mg/L
MW-2	Background	E002	09/05/2023	Arsenic, total	0.00310	mg/L
MW-2	Background	E002	09/05/2023	Barium, total	0.138	mg/L
MW-2	Background	E002	09/05/2023	Beryllium, total	0.0004 J	mg/L
MW-2	Background	E002	09/05/2023	Boron, total	0.0630	mg/L
MW-2	Background	E002	09/05/2023	Cadmium, total	0.0002 U	mg/L
MW-2	Background	E002	09/05/2023	Calcium, total	104	mg/L
MW-2	Background	E002	09/05/2023	Chloride, total	14.0	mg/L
MW-2	Background	E002	09/05/2023	Chromium, total	0.00730	mg/L
MW-2	Background	E002	09/05/2023	Cobalt, total	0.00290	mg/L
MW-2	Background	E002	09/05/2023	Dissolved Oxygen	0.570	mg/L
MW-2	Background	E002	09/05/2023	Fluoride, total	0.510	mg/L
MW-2	Background	E002	09/05/2023	Lead, total	0.00370	mg/L
MW-2	Background	E002	09/05/2023	Lithium, total	0.00960	mg/L
MW-2	Background	E002	09/05/2023	Mercury, total	0.00006 U	mg/L
MW-2	Background	E002	09/05/2023	Molybdenum, total	0.00460	mg/L
MW-2	Background	E002	09/05/2023	Oxidation Reduction Potential	-48.0	mV
MW-2	Background	E002	09/05/2023	pH (field)	6.8	SU
MW-2	Background	E002	09/05/2023	Radium 226 + Radium 228, total	1.94	pCi/L
MW-2	Background	E002	09/05/2023	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	E002	09/05/2023	Specific Conductance @ 25C (field)	1,260	micromhos/cm
MW-2	Background	E002	09/05/2023	Sulfate, total	130	mg/L
MW-2	Background	E002	09/05/2023	Temperature	16.8	degrees C
MW-2	Background	E002	09/05/2023	Thallium, total	0.001 U	mg/L
MW-2	Background	E002	09/05/2023	Total Dissolved Solids	495	mg/L
MW-2	Background	E002	09/05/2023	Turbidity, field	51.0	NTU
MW-3	Compliance	E002	09/05/2023	Antimony, total	0.0004 U	mg/L
MW-3	Compliance	E002	09/05/2023	Arsenic, total	0.0004 J	mg/L
MW-3	Compliance	E002	09/05/2023	Barium, total	0.0431	mg/L
MW-3	Compliance	E002	09/05/2023	Beryllium, total	0.0002 U	mg/L
MW-3	Compliance	E002	09/05/2023	Boron, total	1.71	mg/L
MW-3	Compliance	E002	09/05/2023	Cadmium, total	0.0002 U	mg/L
MW-3	Compliance	E002	09/05/2023	Calcium, total	91.2	mg/L
MW-3	Compliance	E002	09/05/2023	Chloride, total	28.0	mg/L
MW-3	Compliance	E002	09/05/2023	Chromium, total	0.001 U	mg/L
MW-3	Compliance	E002	09/05/2023	Cobalt, total	0.001 UJ	mg/L
MW-3	Compliance	E002	09/05/2023	Dissolved Oxygen	0.710	mg/L
MW-3	Compliance	E002	09/05/2023	Fluoride, total	0.290	mg/L
MW-3	Compliance	E002	09/05/2023	Lead, total	0.0006 U	mg/L
MW-3	Compliance	E002	09/05/2023	Lithium, total	0.0018 J	mg/L
MW-3	Compliance	E002	09/05/2023	Mercury, total	0.00006 U	mg/L
MW-3	Compliance	E002	09/05/2023	Molybdenum, total	0.002 UJ	mg/L
MW-3	Compliance	E002	09/05/2023	Oxidation Reduction Potential	35.0	mV
MW-3	Compliance	E002	09/05/2023	pH (field)	6.8	SU
MW-3	Compliance	E002	09/05/2023	Radium 226 + Radium 228, total	0.762	pCi/L
MW-3	Compliance	E002	09/05/2023	Selenium, total	0.0006 U	mg/L
MW-3	Compliance	E002	09/05/2023	Specific Conductance @ 25C (field)	1,580	micromhos/cm
MW-3	Compliance	E002	09/05/2023	Sulfate, total	117	mg/L
MW-3	Compliance	E002	09/05/2023	Temperature	17.3	degrees C
MW-3	Compliance	E002	09/05/2023	Thallium, total	0.001 U	mg/L
MW-3	Compliance	E002	09/05/2023	Total Dissolved Solids	594	mg/L
MW-3	Compliance	E002	09/05/2023	Turbidity, field	5.60	NTU
MW-5	Compliance	E002	09/06/2023	Antimony, total	0.0004 U	mg/L
MW-5	Compliance	E002	09/06/2023	Arsenic, total	0.0006 J	mg/L
MW-5	Compliance	E002	09/06/2023	Barium, total	0.151	mg/L
MW-5	Compliance	E002	09/06/2023	Beryllium, total	0.0002 U	mg/L
MW-5	Compliance	E002	09/06/2023	Boron, total	0.578	mg/L
MW-5	Compliance	E002	09/06/2023	Cadmium, total	0.0002 U	mg/L
MW-5	Compliance	E002	09/06/2023	Calcium, total	147	mg/L
MW-5	Compliance	E002	09/06/2023	Chloride, total	44.0	mg/L
MW-5	Compliance	E002	09/06/2023	Chromium, total	0.0007 U	mg/L
MW-5	Compliance	E002	09/06/2023	Cobalt, total	0.001 UJ	mg/L
MW-5	Compliance	E002	09/06/2023	Dissolved Oxygen	0.680	mg/L
MW-5	Compliance	E002	09/06/2023	Fluoride, total	0.200	mg/L
MW-5	Compliance	E002	09/06/2023	Lead, total	0.0006 U	mg/L
MW-5	Compliance	E002	09/06/2023	Lithium, total	0.0027 J	mg/L

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KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-5	Compliance	E002	09/06/2023	Mercury, total	0.00006 U	mg/L
MW-5	Compliance	E002	09/06/2023	Molybdenum, total	0.002 UJ	mg/L
MW-5	Compliance	E002	09/06/2023	Oxidation Reduction Potential	-19.0	mV
MW-5	Compliance	E002	09/06/2023	pH (field)	6.7	SU
MW-5	Compliance	E002	09/06/2023	Radium 226 + Radium 228, total	0.624	pCi/L
MW-5	Compliance	E002	09/06/2023	Selenium, total	0.0006 U	mg/L
MW-5	Compliance	E002	09/06/2023	Specific Conductance @ 25C (field)	2,120	micromhos/cm
MW-5	Compliance	E002	09/06/2023	Sulfate, total	10.0	mg/L
MW-5	Compliance	E002	09/06/2023	Temperature	14.9	degrees C
MW-5	Compliance	E002	09/06/2023	Thallium, total	0.001 U	mg/L
MW-5	Compliance	E002	09/06/2023	Total Dissolved Solids	732	mg/L
MW-5	Compliance	E002	09/06/2023	Turbidity, field	4.40	NTU
MW-6	Compliance	E002	09/06/2023	Antimony, total	0.0004 U	mg/L
MW-6	Compliance	E002	09/06/2023	Arsenic, total	0.0004 U	mg/L
MW-6	Compliance	E002	09/06/2023	Barium, total	0.0476	mg/L
MW-6	Compliance	E002	09/06/2023	Beryllium, total	0.0002 U	mg/L
MW-6	Compliance	E002	09/06/2023	Boron, total	1.47	mg/L
MW-6	Compliance	E002	09/06/2023	Cadmium, total	0.0002 U	mg/L
MW-6	Compliance	E002	09/06/2023	Calcium, total	104	mg/L
MW-6	Compliance	E002	09/06/2023	Chloride, total	5.00	mg/L
MW-6	Compliance	E002	09/06/2023	Chromium, total	0.00190	mg/L
MW-6	Compliance	E002	09/06/2023	Cobalt, total	0.001 UJ	mg/L
MW-6	Compliance	E002	09/06/2023	Dissolved Oxygen	1.75	mg/L
MW-6	Compliance	E002	09/06/2023	Fluoride, total	0.220	mg/L
MW-6	Compliance	E002	09/06/2023	Lead, total	0.0006 U	mg/L
MW-6	Compliance	E002	09/06/2023	Lithium, total	0.0015 U	mg/L
MW-6	Compliance	E002	09/06/2023	Mercury, total	0.00006 U	mg/L
MW-6	Compliance	E002	09/06/2023	Molybdenum, total	0.0006 U	mg/L
MW-6	Compliance	E002	09/06/2023	Oxidation Reduction Potential	39.0	mV
MW-6	Compliance	E002	09/06/2023	pH (field)	6.5	SU
MW-6	Compliance	E002	09/06/2023	Radium 226 + Radium 228, total	0.527	pCi/L
MW-6	Compliance	E002	09/06/2023	Selenium, total	0.0006 U	mg/L
MW-6	Compliance	E002	09/06/2023	Specific Conductance @ 25C (field)	1,450	micromhos/cm
MW-6	Compliance	E002	09/06/2023	Sulfate, total	151	mg/L
MW-6	Compliance	E002	09/06/2023	Temperature	16.0	degrees C
MW-6	Compliance	E002	09/06/2023	Thallium, total	0.001 U	mg/L
MW-6	Compliance	E002	09/06/2023	Total Dissolved Solids	584	mg/L
MW-6	Compliance	E002	09/06/2023	Turbidity, field	6.70	NTU
MW-7	Compliance	E002	09/07/2023	Antimony, total	0.0004 U	mg/L
MW-7	Compliance	E002	09/07/2023	Arsenic, total	0.0006 J	mg/L
MW-7	Compliance	E002	09/07/2023	Barium, total	0.0388	mg/L
MW-7	Compliance	E002	09/07/2023	Beryllium, total	0.0002 U	mg/L
MW-7	Compliance	E002	09/07/2023	Boron, total	0.450	mg/L
MW-7	Compliance	E002	09/07/2023	Cadmium, total	0.0002 U	mg/L
MW-7	Compliance	E002	09/07/2023	Calcium, total	145	mg/L
MW-7	Compliance	E002	09/07/2023	Chloride, total	6.00	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-7	Compliance	E002	09/07/2023	Chromium, total	0.0007 U	mg/L
MW-7	Compliance	E002	09/07/2023	Cobalt, total	0.001 UJ	mg/L
MW-7	Compliance	E002	09/07/2023	Dissolved Oxygen	0.680	mg/L
MW-7	Compliance	E002	09/07/2023	Fluoride, total	0.300	mg/L
MW-7	Compliance	E002	09/07/2023	Lead, total	0.0006 U	mg/L
MW-7	Compliance	E002	09/07/2023	Lithium, total	0.0023 J	mg/L
MW-7	Compliance	E002	09/07/2023	Mercury, total	0.00006 U	mg/L
MW-7	Compliance	E002	09/07/2023	Molybdenum, total	0.00350	mg/L
MW-7	Compliance	E002	09/07/2023	Oxidation Reduction Potential	2.00	mV
MW-7	Compliance	E002	09/07/2023	pH (field)	6.8	SU
MW-7	Compliance	E002	09/07/2023	Radium 226 + Radium 228, total	0.733	pCi/L
MW-7	Compliance	E002	09/07/2023	Selenium, total	0.0006 U	mg/L
MW-7	Compliance	E002	09/07/2023	Specific Conductance @ 25C (field)	1,910	micromhos/cm
MW-7	Compliance	E002	09/07/2023	Sulfate, total	259	mg/L
MW-7	Compliance	E002	09/07/2023	Temperature	16.6	degrees C
MW-7	Compliance	E002	09/07/2023	Thallium, total	0.001 U	mg/L
MW-7	Compliance	E002	09/07/2023	Total Dissolved Solids	824	mg/L
MW-7	Compliance	E002	09/07/2023	Turbidity, field	10.0	NTU
MW-8	Compliance	E002	09/07/2023	Antimony, total	0.0004 U	mg/L
MW-8	Compliance	E002	09/07/2023	Arsenic, total	0.0004 U	mg/L
MW-8	Compliance	E002	09/07/2023	Barium, total	0.0278	mg/L
MW-8	Compliance	E002	09/07/2023	Beryllium, total	0.0002 U	mg/L
MW-8	Compliance	E002	09/07/2023	Boron, total	0.997	mg/L
MW-8	Compliance	E002	09/07/2023	Cadmium, total	0.0002 U	mg/L
MW-8	Compliance	E002	09/07/2023	Calcium, total	151	mg/L
MW-8	Compliance	E002	09/07/2023	Chloride, total	20.0	mg/L
MW-8	Compliance	E002	09/07/2023	Chromium, total	0.0007 UJ	mg/L
MW-8	Compliance	E002	09/07/2023	Cobalt, total	0.00120	mg/L
MW-8	Compliance	E002	09/07/2023	Dissolved Oxygen	0.570	mg/L
MW-8	Compliance	E002	09/07/2023	Fluoride, total	0.230	mg/L
MW-8	Compliance	E002	09/07/2023	Lead, total	0.0006 U	mg/L
MW-8	Compliance	E002	09/07/2023	Lithium, total	0.0017 J	mg/L
MW-8	Compliance	E002	09/07/2023	Mercury, total	0.00006 U	mg/L
MW-8	Compliance	E002	09/07/2023	Molybdenum, total	0.0006 U	mg/L
MW-8	Compliance	E002	09/07/2023	Oxidation Reduction Potential	32.0	mV
MW-8	Compliance	E002	09/07/2023	pH (field)	6.6	SU
MW-8	Compliance	E002	09/07/2023	Radium 226 + Radium 228, total	0.438	pCi/L
MW-8	Compliance	E002	09/07/2023	Selenium, total	0.0006 U	mg/L
MW-8	Compliance	E002	09/07/2023	Specific Conductance @ 25C (field)	2,010	micromhos/cm
MW-8	Compliance	E002	09/07/2023	Sulfate, total	214	mg/L
MW-8	Compliance	E002	09/07/2023	Temperature	15.0	degrees C
MW-8	Compliance	E002	09/07/2023	Thallium, total	0.001 U	mg/L
MW-8	Compliance	E002	09/07/2023	Total Dissolved Solids	858	mg/L
MW-8	Compliance	E002	09/07/2023	Turbidity, field	1.80	NTU
MW-11	Compliance	E002	09/05/2023	Antimony, total	0.0004 U	mg/L
MW-11	Compliance	E002	09/05/2023	Arsenic, total	0.00170	mg/L

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ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-11	Compliance	E002	09/05/2023	Barium, total	0.128	mg/L
MW-11	Compliance	E002	09/05/2023	Beryllium, total	0.0002 U	mg/L
MW-11	Compliance	E002	09/05/2023	Boron, total	1.87	mg/L
MW-11	Compliance	E002	09/05/2023	Cadmium, total	0.0002 U	mg/L
MW-11	Compliance	E002	09/05/2023	Calcium, total	115	mg/L
MW-11	Compliance	E002	09/05/2023	Chloride, total	32.0	mg/L
MW-11	Compliance	E002	09/05/2023	Chromium, total	0.001 U	mg/L
MW-11	Compliance	E002	09/05/2023	Cobalt, total	0.001 UJ	mg/L
MW-11	Compliance	E002	09/05/2023	Dissolved Oxygen	0.570	mg/L
MW-11	Compliance	E002	09/05/2023	Fluoride, total	0.560	mg/L
MW-11	Compliance	E002	09/05/2023	Lead, total	0.0006 U	mg/L
MW-11	Compliance	E002	09/05/2023	Lithium, total	0.0024 J	mg/L
MW-11	Compliance	E002	09/05/2023	Mercury, total	0.00006 U	mg/L
MW-11	Compliance	E002	09/05/2023	Molybdenum, total	0.00480	mg/L
MW-11	Compliance	E002	09/05/2023	Oxidation Reduction Potential	-5.00	mV
MW-11	Compliance	E002	09/05/2023	pH (field)	6.7	SU
MW-11	Compliance	E002	09/05/2023	Radium 226 + Radium 228, total	0.645	pCi/L
MW-11	Compliance	E002	09/05/2023	Selenium, total	0.0006 U	mg/L
MW-11	Compliance	E002	09/05/2023	Specific Conductance @ 25C (field)	1,730	micromhos/cm
MW-11	Compliance	E002	09/05/2023	Sulfate, total	129	mg/L
MW-11	Compliance	E002	09/05/2023	Temperature	17.8	degrees C
MW-11	Compliance	E002	09/05/2023	Thallium, total	0.001 U	mg/L
MW-11	Compliance	E002	09/05/2023	Total Dissolved Solids	650	mg/L
MW-11	Compliance	E002	09/05/2023	Turbidity, field	2.10	NTU
MW-12	Compliance	E002	09/07/2023	Antimony, total	0.0004 U	mg/L
MW-12	Compliance	E002	09/07/2023	Arsenic, total	0.0004 U	mg/L
MW-12	Compliance	E002	09/07/2023	Barium, total	0.0866	mg/L
MW-12	Compliance	E002	09/07/2023	Beryllium, total	0.0002 U	mg/L
MW-12	Compliance	E002	09/07/2023	Boron, total	3.94	mg/L
MW-12	Compliance	E002	09/07/2023	Cadmium, total	0.0002 U	mg/L
MW-12	Compliance	E002	09/07/2023	Calcium, total	204	mg/L
MW-12	Compliance	E002	09/07/2023	Chloride, total	29.0	mg/L
MW-12	Compliance	E002	09/07/2023	Chromium, total	0.0007 U	mg/L
MW-12	Compliance	E002	09/07/2023	Cobalt, total	0.001 UJ	mg/L
MW-12	Compliance	E002	09/07/2023	Dissolved Oxygen	0.520	mg/L
MW-12	Compliance	E002	09/07/2023	Fluoride, total	0.200	mg/L
MW-12	Compliance	E002	09/07/2023	Lead, total	0.0006 U	mg/L
MW-12	Compliance	E002	09/07/2023	Lithium, total	0.00890	mg/L
MW-12	Compliance	E002	09/07/2023	Mercury, total	0.00006 U	mg/L
MW-12	Compliance	E002	09/07/2023	Molybdenum, total	0.0006 U	mg/L
MW-12	Compliance	E002	09/07/2023	Oxidation Reduction Potential	-58.0	mV
MW-12	Compliance	E002	09/07/2023	pH (field)	6.5	SU
MW-12	Compliance	E002	09/07/2023	Radium 226 + Radium 228, total	0.764	pCi/L
MW-12	Compliance	E002	09/07/2023	Selenium, total	0.0006 U	mg/L
MW-12	Compliance	E002	09/07/2023	Specific Conductance @ 25C (field)	2,550	micromhos/cm
MW-12	Compliance	E002	09/07/2023	Sulfate, total	380	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2023
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ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-12	Compliance	E002	09/07/2023	Temperature	16.0	degrees C
MW-12	Compliance	E002	09/07/2023	Thallium, total	0.001 U	mg/L
MW-12	Compliance	E002	09/07/2023	Total Dissolved Solids	1,190	mg/L
MW-12	Compliance	E002	09/07/2023	Turbidity, field	8.00	NTU
MW-20	Compliance	E002	09/06/2023	Antimony, total	0.0004 U	mg/L
MW-20	Compliance	E002	09/06/2023	Arsenic, total	0.0006 J	mg/L
MW-20	Compliance	E002	09/06/2023	Barium, total	0.105	mg/L
MW-20	Compliance	E002	09/06/2023	Beryllium, total	0.0002 U	mg/L
MW-20	Compliance	E002	09/06/2023	Boron, total	0.642	mg/L
MW-20	Compliance	E002	09/06/2023	Cadmium, total	0.0002 U	mg/L
MW-20	Compliance	E002	09/06/2023	Calcium, total	122	mg/L
MW-20	Compliance	E002	09/06/2023	Chloride, total	20.0	mg/L
MW-20	Compliance	E002	09/06/2023	Chromium, total	0.0007 U	mg/L
MW-20	Compliance	E002	09/06/2023	Cobalt, total	0.001 UJ	mg/L
MW-20	Compliance	E002	09/06/2023	Dissolved Oxygen	0.580	mg/L
MW-20	Compliance	E002	09/06/2023	Fluoride, total	0.390	mg/L
MW-20	Compliance	E002	09/06/2023	Lead, total	0.0006 U	mg/L
MW-20	Compliance	E002	09/06/2023	Lithium, total	0.00460	mg/L
MW-20	Compliance	E002	09/06/2023	Mercury, total	0.00006 U	mg/L
MW-20	Compliance	E002	09/06/2023	Molybdenum, total	0.00430	mg/L
MW-20	Compliance	E002	09/06/2023	Oxidation Reduction Potential	-227	mV
MW-20	Compliance	E002	09/06/2023	pH (field)	6.9	SU
MW-20	Compliance	E002	09/06/2023	Radium 226 + Radium 228, total	0.49	pCi/L
MW-20	Compliance	E002	09/06/2023	Selenium, total	0.0006 U	mg/L
MW-20	Compliance	E002	09/06/2023	Specific Conductance @ 25C (field)	1,750	micromhos/cm
MW-20	Compliance	E002	09/06/2023	Sulfate, total	140	mg/L
MW-20	Compliance	E002	09/06/2023	Temperature	15.7	degrees C
MW-20	Compliance	E002	09/06/2023	Thallium, total	0.001 U	mg/L
MW-20	Compliance	E002	09/06/2023	Total Dissolved Solids	642	mg/L
MW-20	Compliance	E002	09/06/2023	Turbidity, field	9.30	NTU
MW-20S	Compliance	E002	09/06/2023	Antimony, total	0.0004 U	mg/L
MW-20S	Compliance	E002	09/06/2023	Arsenic, total	0.0006 J	mg/L
MW-20S	Compliance	E002	09/06/2023	Barium, total	0.0346	mg/L
MW-20S	Compliance	E002	09/06/2023	Beryllium, total	0.0002 U	mg/L
MW-20S	Compliance	E002	09/06/2023	Boron, total	2.13	mg/L
MW-20S	Compliance	E002	09/06/2023	Cadmium, total	0.0002 U	mg/L
MW-20S	Compliance	E002	09/06/2023	Calcium, total	180	mg/L
MW-20S	Compliance	E002	09/06/2023	Chloride, total	18.0	mg/L
MW-20S	Compliance	E002	09/06/2023	Chromium, total	0.0007 UJ	mg/L
MW-20S	Compliance	E002	09/06/2023	Cobalt, total	0.001 UJ	mg/L
MW-20S	Compliance	E002	09/06/2023	Dissolved Oxygen	0.920	mg/L
MW-20S	Compliance	E002	09/06/2023	Fluoride, total	0.220	mg/L
MW-20S	Compliance	E002	09/06/2023	Lead, total	0.0006 U	mg/L
MW-20S	Compliance	E002	09/06/2023	Lithium, total	0.0015 U	mg/L
MW-20S	Compliance	E002	09/06/2023	Mercury, total	0.00006 U	mg/L
MW-20S	Compliance	E002	09/06/2023	Molybdenum, total	0.0006 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2023
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ASH POND
KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-20S	Compliance	E002	09/06/2023	Oxidation Reduction Potential	-210	mV
MW-20S	Compliance	E002	09/06/2023	pH (field)	6.7	SU
MW-20S	Compliance	E002	09/06/2023	Radium 226 + Radium 228, total	0.623	pCi/L
MW-20S	Compliance	E002	09/06/2023	Selenium, total	0.0006 U	mg/L
MW-20S	Compliance	E002	09/06/2023	Specific Conductance @ 25C (field)	2,500	micromhos/cm
MW-20S	Compliance	E002	09/06/2023	Sulfate, total	352	mg/L
MW-20S	Compliance	E002	09/06/2023	Temperature	19.0	degrees C
MW-20S	Compliance	E002	09/06/2023	Thallium, total	0.001 U	mg/L
MW-20S	Compliance	E002	09/06/2023	Total Dissolved Solids	1,030	mg/L
MW-20S	Compliance	E002	09/06/2023	Turbidity, field	7.80	NTU
MW-23	Compliance	E002	09/05/2023	Antimony, total	0.0004 U	mg/L
MW-23	Compliance	E002	09/05/2023	Arsenic, total	0.00140	mg/L
MW-23	Compliance	E002	09/05/2023	Barium, total	0.0980	mg/L
MW-23	Compliance	E002	09/05/2023	Beryllium, total	0.0002 U	mg/L
MW-23	Compliance	E002	09/05/2023	Boron, total	2.39	mg/L
MW-23	Compliance	E002	09/05/2023	Cadmium, total	0.0002 U	mg/L
MW-23	Compliance	E002	09/05/2023	Calcium, total	109	mg/L
MW-23	Compliance	E002	09/05/2023	Chloride, total	26.0	mg/L
MW-23	Compliance	E002	09/05/2023	Chromium, total	0.001 U	mg/L
MW-23	Compliance	E002	09/05/2023	Cobalt, total	0.001 UJ	mg/L
MW-23	Compliance	E002	09/05/2023	Dissolved Oxygen	0.740	mg/L
MW-23	Compliance	E002	09/05/2023	Fluoride, total	0.400	mg/L
MW-23	Compliance	E002	09/05/2023	Lead, total	0.0006 U	mg/L
MW-23	Compliance	E002	09/05/2023	Lithium, total	0.0015 U	mg/L
MW-23	Compliance	E002	09/05/2023	Mercury, total	0.00006 U	mg/L
MW-23	Compliance	E002	09/05/2023	Molybdenum, total	0.002 UJ	mg/L
MW-23	Compliance	E002	09/05/2023	Oxidation Reduction Potential	13.0	mV
MW-23	Compliance	E002	09/05/2023	pH (field)	6.8	SU
MW-23	Compliance	E002	09/05/2023	Radium 226 + Radium 228, total	0.593	pCi/L
MW-23	Compliance	E002	09/05/2023	Selenium, total	0.0006 U	mg/L
MW-23	Compliance	E002	09/05/2023	Specific Conductance @ 25C (field)	1,700	micromhos/cm
MW-23	Compliance	E002	09/05/2023	Sulfate, total	48.0	mg/L
MW-23	Compliance	E002	09/05/2023	Temperature	15.6	degrees C
MW-23	Compliance	E002	09/05/2023	Thallium, total	0.001 U	mg/L
MW-23	Compliance	E002	09/05/2023	Total Dissolved Solids	634	mg/L
MW-23	Compliance	E002	09/05/2023	Turbidity, field	3.50	NTU
MW-28	Compliance	E002	09/06/2023	Antimony, total	0.0004 U	mg/L
MW-28	Compliance	E002	09/06/2023	Arsenic, total	0.0004 J	mg/L
MW-28	Compliance	E002	09/06/2023	Barium, total	0.0233	mg/L
MW-28	Compliance	E002	09/06/2023	Beryllium, total	0.0002 U	mg/L
MW-28	Compliance	E002	09/06/2023	Boron, total	9.88	mg/L
MW-28	Compliance	E002	09/06/2023	Cadmium, total	0.0002 U	mg/L
MW-28	Compliance	E002	09/06/2023	Calcium, total	264	mg/L
MW-28	Compliance	E002	09/06/2023	Chloride, total	14.0	mg/L
MW-28	Compliance	E002	09/06/2023	Chromium, total	0.0007 U	mg/L
MW-28	Compliance	E002	09/06/2023	Cobalt, total	0.001 UJ	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2023
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KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-28	Compliance	E002	09/06/2023	Dissolved Oxygen	0.550	mg/L
MW-28	Compliance	E002	09/06/2023	Fluoride, total	0.150	mg/L
MW-28	Compliance	E002	09/06/2023	Lead, total	0.0006 U	mg/L
MW-28	Compliance	E002	09/06/2023	Lithium, total	0.00630	mg/L
MW-28	Compliance	E002	09/06/2023	Mercury, total	0.00006 U	mg/L
MW-28	Compliance	E002	09/06/2023	Molybdenum, total	0.00450	mg/L
MW-28	Compliance	E002	09/06/2023	Oxidation Reduction Potential	19.0	mV
MW-28	Compliance	E002	09/06/2023	pH (field)	6.8	SU
MW-28	Compliance	E002	09/06/2023	Radium 226 + Radium 228, total	0.558	pCi/L
MW-28	Compliance	E002	09/06/2023	Selenium, total	0.0006 U	mg/L
MW-28	Compliance	E002	09/06/2023	Specific Conductance @ 25C (field)	3,880	micromhos/cm
MW-28	Compliance	E002	09/06/2023	Sulfate, total	920	mg/L
MW-28	Compliance	E002	09/06/2023	Temperature	16.1	degrees C
MW-28	Compliance	E002	09/06/2023	Thallium, total	0.001 U	mg/L
MW-28	Compliance	E002	09/06/2023	Total Dissolved Solids	1,860	mg/L
MW-28	Compliance	E002	09/06/2023	Turbidity, field	4.10	NTU
MW-30	Compliance	E002	09/06/2023	Antimony, total	0.0004 U	mg/L
MW-30	Compliance	E002	09/06/2023	Arsenic, total	0.00680	mg/L
MW-30	Compliance	E002	09/06/2023	Barium, total	0.164	mg/L
MW-30	Compliance	E002	09/06/2023	Beryllium, total	0.0002 U	mg/L
MW-30	Compliance	E002	09/06/2023	Boron, total	1.20	mg/L
MW-30	Compliance	E002	09/06/2023	Cadmium, total	0.0002 U	mg/L
MW-30	Compliance	E002	09/06/2023	Calcium, total	111	mg/L
MW-30	Compliance	E002	09/06/2023	Chloride, total	41.0	mg/L
MW-30	Compliance	E002	09/06/2023	Chromium, total	0.0007 U	mg/L
MW-30	Compliance	E002	09/06/2023	Cobalt, total	0.00210	mg/L
MW-30	Compliance	E002	09/06/2023	Dissolved Oxygen	0.740	mg/L
MW-30	Compliance	E002	09/06/2023	Fluoride, total	0.330	mg/L
MW-30	Compliance	E002	09/06/2023	Lead, total	0.0006 U	mg/L
MW-30	Compliance	E002	09/06/2023	Lithium, total	0.0015 U	mg/L
MW-30	Compliance	E002	09/06/2023	Mercury, total	0.00006 U	mg/L
MW-30	Compliance	E002	09/06/2023	Molybdenum, total	0.00220	mg/L
MW-30	Compliance	E002	09/06/2023	Oxidation Reduction Potential	-86.0	mV
MW-30	Compliance	E002	09/06/2023	pH (field)	6.7	SU
MW-30	Compliance	E002	09/06/2023	Radium 226 + Radium 228, total	0.585	pCi/L
MW-30	Compliance	E002	09/06/2023	Selenium, total	0.0006 U	mg/L
MW-30	Compliance	E002	09/06/2023	Specific Conductance @ 25C (field)	1,860	micromhos/cm
MW-30	Compliance	E002	09/06/2023	Sulfate, total	6 J	mg/L
MW-30	Compliance	E002	09/06/2023	Temperature	15.4	degrees C
MW-30	Compliance	E002	09/06/2023	Thallium, total	0.001 U	mg/L
MW-30	Compliance	E002	09/06/2023	Total Dissolved Solids	565	mg/L
MW-30	Compliance	E002	09/06/2023	Turbidity, field	9.70	NTU
MW-31	Compliance	E002	09/06/2023	Antimony, total	0.0004 U	mg/L
MW-31	Compliance	E002	09/06/2023	Arsenic, total	0.00230	mg/L
MW-31	Compliance	E002	09/06/2023	Barium, total	0.206	mg/L
MW-31	Compliance	E002	09/06/2023	Beryllium, total	0.0002 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2023
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-31	Compliance	E002	09/06/2023	Boron, total	0.224	mg/L
MW-31	Compliance	E002	09/06/2023	Cadmium, total	0.0002 U	mg/L
MW-31	Compliance	E002	09/06/2023	Calcium, total	123	mg/L
MW-31	Compliance	E002	09/06/2023	Chloride, total	44.0	mg/L
MW-31	Compliance	E002	09/06/2023	Chromium, total	0.0007 UJ	mg/L
MW-31	Compliance	E002	09/06/2023	Cobalt, total	0.001 UJ	mg/L
MW-31	Compliance	E002	09/06/2023	Dissolved Oxygen	0.930	mg/L
MW-31	Compliance	E002	09/06/2023	Fluoride, total	0.180	mg/L
MW-31	Compliance	E002	09/06/2023	Lead, total	0.0006 U	mg/L
MW-31	Compliance	E002	09/06/2023	Lithium, total	0.00370	mg/L
MW-31	Compliance	E002	09/06/2023	Mercury, total	0.00006 U	mg/L
MW-31	Compliance	E002	09/06/2023	Molybdenum, total	0.002 UJ	mg/L
MW-31	Compliance	E002	09/06/2023	Oxidation Reduction Potential	-101	mV
MW-31	Compliance	E002	09/06/2023	pH (field)	6.7	SU
MW-31	Compliance	E002	09/06/2023	Radium 226 + Radium 228, total	0.656	pCi/L
MW-31	Compliance	E002	09/06/2023	Selenium, total	0.0006 U	mg/L
MW-31	Compliance	E002	09/06/2023	Specific Conductance @ 25C (field)	1,790	micromhos/cm
MW-31	Compliance	E002	09/06/2023	Sulfate, total	6 U	mg/L
MW-31	Compliance	E002	09/06/2023	Temperature	15.9	degrees C
MW-31	Compliance	E002	09/06/2023	Thallium, total	0.001 U	mg/L
MW-31	Compliance	E002	09/06/2023	Total Dissolved Solids	565	mg/L
MW-31	Compliance	E002	09/06/2023	Turbidity, field	7.60	NTU
MW-31S	Compliance	E002	09/06/2023	Antimony, total	0.0004 U	mg/L
MW-31S	Compliance	E002	09/06/2023	Arsenic, total	0.0182	mg/L
MW-31S	Compliance	E002	09/06/2023	Barium, total	0.254	mg/L
MW-31S	Compliance	E002	09/06/2023	Beryllium, total	0.0002 U	mg/L
MW-31S	Compliance	E002	09/06/2023	Boron, total	0.0362	mg/L
MW-31S	Compliance	E002	09/06/2023	Cadmium, total	0.0002 U	mg/L
MW-31S	Compliance	E002	09/06/2023	Calcium, total	155	mg/L
MW-31S	Compliance	E002	09/06/2023	Chromium, total	0.0007 UJ	mg/L
MW-31S	Compliance	E002	09/06/2023	Cobalt, total	0.00410	mg/L
MW-31S	Compliance	E002	09/06/2023	Dissolved Oxygen	1.30	mg/L
MW-31S	Compliance	E002	09/06/2023	Lead, total	0.00240	mg/L
MW-31S	Compliance	E002	09/06/2023	Lithium, total	0.0015 U	mg/L
MW-31S	Compliance	E002	09/06/2023	Mercury, total	0.00006 U	mg/L
MW-31S	Compliance	E002	09/06/2023	Molybdenum, total	0.002 UJ	mg/L
MW-31S	Compliance	E002	09/06/2023	Oxidation Reduction Potential	-140	mV
MW-31S	Compliance	E002	09/06/2023	pH (field)	6.7	SU
MW-31S	Compliance	E002	09/06/2023	Selenium, total	0.0006 U	mg/L
MW-31S	Compliance	E002	09/06/2023	Specific Conductance @ 25C (field)	2,210	micromhos/cm
MW-31S	Compliance	E002	09/06/2023	Temperature	15.8	degrees C
MW-31S	Compliance	E002	09/06/2023	Thallium, total	0.001 U	mg/L
MW-31S	Compliance	E002	09/06/2023	Turbidity, field	28.0	NTU
MW-32	Compliance	E002	09/06/2023	Antimony, total	0.0004 U	mg/L
MW-32	Compliance	E002	09/06/2023	Arsenic, total	0.0005 J	mg/L
MW-32	Compliance	E002	09/06/2023	Barium, total	0.0518	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2023
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KINCAID, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
MW-32	Compliance	E002	09/06/2023	Beryllium, total	0.0002 U	mg/L
MW-32	Compliance	E002	09/06/2023	Boron, total	1.81	mg/L
MW-32	Compliance	E002	09/06/2023	Cadmium, total	0.0002 U	mg/L
MW-32	Compliance	E002	09/06/2023	Calcium, total	165	mg/L
MW-32	Compliance	E002	09/06/2023	Chloride, total	10.0	mg/L
MW-32	Compliance	E002	09/06/2023	Chromium, total	0.0007 U	mg/L
MW-32	Compliance	E002	09/06/2023	Cobalt, total	0.001 UJ	mg/L
MW-32	Compliance	E002	09/06/2023	Dissolved Oxygen	0.700	mg/L
MW-32	Compliance	E002	09/06/2023	Fluoride, total	0.190	mg/L
MW-32	Compliance	E002	09/06/2023	Lead, total	0.0006 U	mg/L
MW-32	Compliance	E002	09/06/2023	Lithium, total	0.0015 U	mg/L
MW-32	Compliance	E002	09/06/2023	Mercury, total	0.00006 U	mg/L
MW-32	Compliance	E002	09/06/2023	Molybdenum, total	0.0006 U	mg/L
MW-32	Compliance	E002	09/06/2023	Oxidation Reduction Potential	-22.0	mV
MW-32	Compliance	E002	09/06/2023	pH (field)	6.6	SU
MW-32	Compliance	E002	09/06/2023	Radium 226 + Radium 228, total	0.704	pCi/L
MW-32	Compliance	E002	09/06/2023	Selenium, total	0.0006 U	mg/L
MW-32	Compliance	E002	09/06/2023	Specific Conductance @ 25C (field)	2,470	micromhos/cm
MW-32	Compliance	E002	09/06/2023	Sulfate, total	340	mg/L
MW-32	Compliance	E002	09/06/2023	Temperature	16.0	degrees C
MW-32	Compliance	E002	09/06/2023	Thallium, total	0.001 U	mg/L
MW-32	Compliance	E002	09/06/2023	Total Dissolved Solids	1,050	mg/L
MW-32	Compliance	E002	09/06/2023	Turbidity, field	3.40	NTU

Notes:
C = Celsius
cm = centimeter
mg/L = milligrams per liter
mV = millivolts
NTU = Nephelometric Turbidity Units
pCi/L = picocuries per liter
SU = Standard Units
J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.
UJ = The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-3	UA	E002	Antimony, total	mg/L	12/15/15 - 09/05/23	25	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-3	UA	E002	Arsenic, total	mg/L	12/15/15 - 09/05/23	25	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-3	UA	E002	Barium, total	mg/L	12/15/15 - 09/05/23	25	0	CI around median	0.0453	2.0	Standard	No Exceedance
MW-3	UA	E002	Beryllium, total	mg/L	12/15/15 - 09/05/23	25	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-3	UA	E002	Boron, total	mg/L	12/15/15 - 09/05/23	25	0	CI around median	1.57	2	Standard	No Exceedance
MW-3	UA	E002	Cadmium, total	mg/L	12/15/15 - 09/05/23	25	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-3	UA	E002	Chloride, total	mg/L	12/15/15 - 09/05/23	25	0	CB around linear reg	27.6	200	Standard	No Exceedance
MW-3	UA	E002	Chromium, total	mg/L	12/15/15 - 09/05/23	25	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-3	UA	E002	Cobalt, total	mg/L	12/15/15 - 09/05/23	25	90	CI around median	0.001	0.006	Standard	No Exceedance
MW-3	UA	E002	Fluoride, total	mg/L	12/15/15 - 09/05/23	25	0	CI around mean	0.243	4.0	Standard	No Exceedance
MW-3	UA	E002	Lead, total	mg/L	12/15/15 - 09/05/23	25	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-3	UA	E002	Lithium, total	mg/L	02/25/21 - 09/05/23	11	91	CI around median	0.003	0.04	Standard	No Exceedance
MW-3	UA	E002	Mercury, total	mg/L	12/15/15 - 09/05/23	25	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-3	UA	E002	Molybdenum, total	mg/L	02/25/21 - 09/05/23	11	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-3	UA	E002	pH (field)	SU	12/15/15 - 09/05/23	25	0	CB around linear reg	6.4/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-3	UA	E002	Radium 226 + Radium 228, total	pCi/L	11/06/17 - 09/05/23	21	0	CI around median	0.271	5	Standard	No Exceedance
MW-3	UA	E002	Selenium, total	mg/L	12/15/15 - 09/05/23	25	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-3	UA	E002	Sulfate, total	mg/L	12/15/15 - 09/05/23	25	0	CB around linear reg	112	400	Standard	No Exceedance
MW-3	UA	E002	Thallium, total	mg/L	12/15/15 - 09/05/23	25	97	CB around T-S line	0.002	0.002	Standard	No Exceedance
MW-3	UA	E002	Total Dissolved Solids	mg/L	12/15/15 - 09/05/23	25	0	CB around linear reg	540	1,200	Standard	No Exceedance
MW-5	UA	E002	Antimony, total	mg/L	12/15/15 - 09/06/23	27	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-5	UA	E002	Arsenic, total	mg/L	12/15/15 - 09/06/23	29	91	CI around median	0.001	0.010	Standard	No Exceedance
MW-5	UA	E002	Barium, total	mg/L	12/15/15 - 09/06/23	29	0	CI around mean	0.142	2.0	Standard	No Exceedance
MW-5	UA	E002	Beryllium, total	mg/L	12/15/15 - 09/06/23	27	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-5	UA	E002	Boron, total	mg/L	12/15/15 - 09/06/23	29	0	CI around mean	0.531	2	Standard	No Exceedance
MW-5	UA	E002	Cadmium, total	mg/L	12/15/15 - 09/06/23	26	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-5	UA	E002	Chloride, total	mg/L	12/15/15 - 09/06/23	29	0	CB around linear reg	44.9	200	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023
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KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-5	UA	E002	Chromium, total	mg/L	12/15/15 - 09/06/23	29	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-5	UA	E002	Cobalt, total	mg/L	12/15/15 - 09/06/23	29	91	CI around median	0.001	0.006	Standard	No Exceedance
MW-5	UA	E002	Fluoride, total	mg/L	12/15/15 - 09/06/23	29	3	CB around T-S line	0.16	4.0	Standard	No Exceedance
MW-5	UA	E002	Lead, total	mg/L	12/15/15 - 09/06/23	29	97	CI around median	0.001	0.0075	Standard	No Exceedance
MW-5	UA	E002	Lithium, total	mg/L	12/15/15 - 09/06/23	21	33	CI around mean	0.00269	0.04	Standard	No Exceedance
MW-5	UA	E002	Mercury, total	mg/L	12/15/15 - 09/06/23	26	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-5	UA	E002	Molybdenum, total	mg/L	12/15/15 - 09/06/23	21	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-5	UA	E002	pH (field)	SU	12/15/15 - 09/06/23	29	0	CB around linear reg	6.4/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-5	UA	E002	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 09/06/23	30	0	CI around median	0.265	5	Standard	No Exceedance
MW-5	UA	E002	Selenium, total	mg/L	12/15/15 - 09/06/23	29	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-5	UA	E002	Sulfate, total	mg/L	12/15/15 - 09/06/23	29	35	CI around median	10	400	Standard	No Exceedance
MW-5	UA	E002	Thallium, total	mg/L	12/15/15 - 09/06/23	26	97	CB around T-S line	0.00183	0.002	Standard	No Exceedance
MW-5	UA	E002	Total Dissolved Solids	mg/L	12/15/15 - 09/06/23	29	0	CB around linear reg	679	1,200	Standard	No Exceedance
MW-6	UA	E002	Antimony, total	mg/L	12/15/15 - 09/06/23	27	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-6	UA	E002	Arsenic, total	mg/L	12/15/15 - 09/06/23	29	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-6	UA	E002	Barium, total	mg/L	12/15/15 - 09/06/23	29	0	CB around T-S line	0.0362	2.0	Standard	No Exceedance
MW-6	UA	E002	Beryllium, total	mg/L	12/15/15 - 09/06/23	27	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-6	UA	E002	Boron, total	mg/L	12/15/15 - 09/06/23	29	0	CI around mean	0.956	2	Standard	No Exceedance
MW-6	UA	E002	Cadmium, total	mg/L	12/15/15 - 09/06/23	26	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-6	UA	E002	Chloride, total	mg/L	12/15/15 - 09/06/23	29	53	CB around T-S line	2.03	200	Standard	No Exceedance
MW-6	UA	E002	Chromium, total	mg/L	12/15/15 - 09/06/23	29	88	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-6	UA	E002	Cobalt, total	mg/L	12/15/15 - 09/06/23	29	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-6	UA	E002	Fluoride, total	mg/L	12/15/15 - 09/06/23	29	0	CB around linear reg	0.194	4.0	Standard	No Exceedance
MW-6	UA	E002	Lead, total	mg/L	12/15/15 - 09/06/23	29	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-6	UA	E002	Lithium, total	mg/L	12/15/15 - 09/06/23	21	86	CB around T-S line	0.00266	0.04	Standard	No Exceedance
MW-6	UA	E002	Mercury, total	mg/L	12/15/15 - 09/06/23	26	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-6	UA	E002	Molybdenum, total	mg/L	12/15/15 - 09/06/23	21	100	All ND - Last	0.0015	0.1	Standard	No Exceedance

TABLE 2.
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KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-6	UA	E002	pH (field)	SU	12/15/15 - 09/06/23	29	0	CI around mean	6.5/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-6	UA	E002	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 09/06/23	30	0	CI around median	0.35	5	Standard	No Exceedance
MW-6	UA	E002	Selenium, total	mg/L	12/15/15 - 09/06/23	29	94	CI around median	0.001	0.05	Standard	No Exceedance
MW-6	UA	E002	Sulfate, total	mg/L	12/15/15 - 09/06/23	29	0	CB around linear reg	55.3	400	Standard	No Exceedance
MW-6	UA	E002	Thallium, total	mg/L	12/15/15 - 09/06/23	26	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-6	UA	E002	Total Dissolved Solids	mg/L	12/15/15 - 09/06/23	29	0	CB around linear reg	366	1,200	Standard	No Exceedance
MW-7	UA	E002	Antimony, total	mg/L	12/15/15 - 09/07/23	27	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-7	UA	E002	Arsenic, total	mg/L	12/15/15 - 09/07/23	29	76	CI around median	0.001	0.010	Standard	No Exceedance
MW-7	UA	E002	Barium, total	mg/L	12/15/15 - 09/07/23	29	0	CB around linear reg	0.03	2.0	Standard	No Exceedance
MW-7	UA	E002	Beryllium, total	mg/L	12/15/15 - 09/07/23	27	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-7	UA	E002	Boron, total	mg/L	12/15/15 - 09/07/23	29	0	CI around mean	0.213	2	Standard	No Exceedance
MW-7	UA	E002	Cadmium, total	mg/L	12/15/15 - 09/07/23	26	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-7	UA	E002	Chloride, total	mg/L	12/15/15 - 09/07/23	29	76	CB around T-S line	2.47	200	Standard	No Exceedance
MW-7	UA	E002	Chromium, total	mg/L	12/15/15 - 09/07/23	29	94	CB around T-S line	0.0015	0.1	Standard	No Exceedance
MW-7	UA	E002	Cobalt, total	mg/L	12/15/15 - 09/07/23	29	88	CI around median	0.001	0.006	Standard	No Exceedance
MW-7	UA	E002	Fluoride, total	mg/L	12/15/15 - 09/07/23	29	0	CI around mean	0.253	4.0	Standard	No Exceedance
MW-7	UA	E002	Lead, total	mg/L	12/15/15 - 09/07/23	29	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-7	UA	E002	Lithium, total	mg/L	12/15/15 - 09/07/23	21	33	CI around geomean	0.00263	0.04	Standard	No Exceedance
MW-7	UA	E002	Mercury, total	mg/L	12/15/15 - 09/07/23	26	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-7	UA	E002	Molybdenum, total	mg/L	12/15/15 - 09/07/23	21	5	CI around mean	0.00262	0.1	Standard	No Exceedance
MW-7	UA	E002	pH (field)	SU	12/15/15 - 09/07/23	29	0	CB around linear reg	6.7/7.1	5.6/9.0	Background/Standard	No Exceedance
MW-7	UA	E002	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 09/07/23	30	0	CI around geomean	0.45	5	Standard	No Exceedance
MW-7	UA	E002	Selenium, total	mg/L	12/15/15 - 09/07/23	29	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-7	UA	E002	Sulfate, total	mg/L	12/15/15 - 09/07/23	29	0	CI around geomean	171	400	Standard	No Exceedance
MW-7	UA	E002	Thallium, total	mg/L	12/15/15 - 09/07/23	26	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-7	UA	E002	Total Dissolved Solids	mg/L	12/15/15 - 09/07/23	29	0	CI around mean	563	1,200	Standard	No Exceedance
MW-8	UA	E002	Antimony, total	mg/L	12/15/15 - 09/07/23	27	100	All ND - Last	0.001	0.006	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-8	UA	E002	Arsenic, total	mg/L	12/15/15 - 09/07/23	29	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-8	UA	E002	Barium, total	mg/L	12/15/15 - 09/07/23	29	0	CB around linear reg	0.0197	2.0	Standard	No Exceedance
MW-8	UA	E002	Beryllium, total	mg/L	12/15/15 - 09/07/23	27	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-8	UA	E002	Boron, total	mg/L	12/15/15 - 09/07/23	29	0	CI around geomean	0.955	2	Standard	No Exceedance
MW-8	UA	E002	Cadmium, total	mg/L	12/15/15 - 09/07/23	26	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-8	UA	E002	Chloride, total	mg/L	12/15/15 - 09/07/23	29	0	CB around linear reg	14.6	200	Standard	No Exceedance
MW-8	UA	E002	Chromium, total	mg/L	12/15/15 - 09/07/23	29	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-8	UA	E002	Cobalt, total	mg/L	12/15/15 - 09/07/23	29	29	CB around linear reg	0.000844	0.006	Standard	No Exceedance
MW-8	UA	E002	Fluoride, total	mg/L	12/15/15 - 09/07/23	29	0	CB around T-S line	0.219	4.0	Standard	No Exceedance
MW-8	UA	E002	Lead, total	mg/L	12/15/15 - 09/07/23	29	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-8	UA	E002	Lithium, total	mg/L	12/15/15 - 09/07/23	21	48	CB around linear reg	0.00293	0.04	Standard	No Exceedance
MW-8	UA	E002	Mercury, total	mg/L	12/15/15 - 09/07/23	26	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-8	UA	E002	Molybdenum, total	mg/L	12/15/15 - 09/07/23	21	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-8	UA	E002	pH (field)	SU	12/15/15 - 09/07/23	29	0	CI around mean	6.6/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-8	UA	E002	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 09/07/23	30	0	CI around median	0.2	5	Standard	No Exceedance
MW-8	UA	E002	Selenium, total	mg/L	12/15/15 - 09/07/23	29	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-8	UA	E002	Sulfate, total	mg/L	12/15/15 - 09/07/23	29	0	CB around linear reg	218	400	Standard	No Exceedance
MW-8	UA	E002	Thallium, total	mg/L	12/15/15 - 09/07/23	26	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-8	UA	E002	Total Dissolved Solids	mg/L	12/15/15 - 09/07/23	29	0	CB around linear reg	767	1,200	Standard	No Exceedance
MW-11	UA	E002	Antimony, total	mg/L	12/15/15 - 09/05/23	27	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-11	UA	E002	Arsenic, total	mg/L	12/15/15 - 09/05/23	29	21	CI around median	0.0012	0.010	Standard	No Exceedance
MW-11	UA	E002	Barium, total	mg/L	12/15/15 - 09/05/23	29	0	CB around linear reg	0.112	2.0	Standard	No Exceedance
MW-11	UA	E002	Beryllium, total	mg/L	12/15/15 - 09/05/23	27	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-11	UA	E002	Boron, total	mg/L	12/15/15 - 09/05/23	29	0	CI around mean	1.56	2	Standard	No Exceedance
MW-11	UA	E002	Cadmium, total	mg/L	12/15/15 - 09/05/23	26	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-11	UA	E002	Chloride, total	mg/L	12/15/15 - 09/05/23	29	0	CB around linear reg	29.8	200	Standard	No Exceedance
MW-11	UA	E002	Chromium, total	mg/L	12/15/15 - 09/05/23	29	97	CB around T-S line	0.00149	0.1	Standard	No Exceedance

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KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-11	UA	E002	Cobalt, total	mg/L	12/15/15 - 09/05/23	29	93	CI around median	0.001	0.006	Standard	No Exceedance
MW-11	UA	E002	Fluoride, total	mg/L	12/15/15 - 09/05/23	29	0	CI around mean	0.494	4.0	Standard	No Exceedance
MW-11	UA	E002	Lead, total	mg/L	12/15/15 - 09/05/23	29	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-11	UA	E002	Lithium, total	mg/L	12/15/15 - 09/05/23	21	43	CB around linear reg	0.00279	0.04	Standard	No Exceedance
MW-11	UA	E002	Mercury, total	mg/L	12/15/15 - 09/05/23	26	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-11	UA	E002	Molybdenum, total	mg/L	12/15/15 - 09/05/23	21	5	CI around median	0.0021	0.1	Standard	No Exceedance
MW-11	UA	E002	pH (field)	SU	12/15/15 - 09/05/23	29	0	CB around linear reg	6.5/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-11	UA	E002	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 09/05/23	30	0	CI around mean	0.535	5	Standard	No Exceedance
MW-11	UA	E002	Selenium, total	mg/L	12/15/15 - 09/05/23	29	62	CI around median	0.001	0.05	Standard	No Exceedance
MW-11	UA	E002	Sulfate, total	mg/L	12/15/15 - 09/05/23	29	0	CI around mean	107	400	Standard	No Exceedance
MW-11	UA	E002	Thallium, total	mg/L	12/15/15 - 09/05/23	26	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-11	UA	E002	Total Dissolved Solids	mg/L	12/15/15 - 09/05/23	29	0	CB around linear reg	584	1,200	Standard	No Exceedance
MW-12	UA	E002	Antimony, total	mg/L	12/15/15 - 09/07/23	27	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-12	UA	E002	Arsenic, total	mg/L	12/15/15 - 09/07/23	29	97	CI around median	0.001	0.010	Standard	No Exceedance
MW-12	UA	E002	Barium, total	mg/L	12/15/15 - 09/07/23	29	0	CB around linear reg	0.0549	2.0	Standard	No Exceedance
MW-12	UA	E002	Beryllium, total	mg/L	12/15/15 - 09/07/23	27	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-12	UA	E002	Boron, total	mg/L	12/15/15 - 09/07/23	29	0	CI around mean	2.68	2	Standard	Exceedance
MW-12	UA	E002	Cadmium, total	mg/L	12/15/15 - 09/07/23	26	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-12	UA	E002	Chloride, total	mg/L	12/15/15 - 09/07/23	29	0	CB around linear reg	18.9	200	Standard	No Exceedance
MW-12	UA	E002	Chromium, total	mg/L	12/15/15 - 09/07/23	29	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-12	UA	E002	Cobalt, total	mg/L	12/15/15 - 09/07/23	29	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-12	UA	E002	Fluoride, total	mg/L	12/15/15 - 09/07/23	29	0	CI around median	0.18	4.0	Standard	No Exceedance
MW-12	UA	E002	Lead, total	mg/L	12/15/15 - 09/07/23	29	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-12	UA	E002	Lithium, total	mg/L	12/15/15 - 09/07/23	21	0	CI around mean	0.00835	0.04	Standard	No Exceedance
MW-12	UA	E002	Mercury, total	mg/L	12/15/15 - 09/07/23	26	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-12	UA	E002	Molybdenum, total	mg/L	12/15/15 - 09/07/23	21	90	CB around T-S line	0.00144	0.1	Standard	No Exceedance
MW-12	UA	E002	pH (field)	SU	12/15/15 - 09/07/23	29	0	CB around linear reg	6.3/6.7	5.6/9.0	Background/Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-12	UA	E002	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 09/07/23	30	0	CI around median	0.429	5	Standard	No Exceedance
MW-12	UA	E002	Selenium, total	mg/L	12/15/15 - 09/07/23	29	97	CI around median	0.001	0.05	Standard	No Exceedance
MW-12	UA	E002	Sulfate, total	mg/L	12/15/15 - 09/07/23	29	0	CI around mean	363	400	Standard	No Exceedance
MW-12	UA	E002	Thallium, total	mg/L	12/15/15 - 09/07/23	26	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-12	UA	E002	Total Dissolved Solids	mg/L	12/15/15 - 09/07/23	29	0	CI around mean	1,080	1,200	Standard	No Exceedance
MW-20	UA	E002	Antimony, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-20	UA	E002	Arsenic, total	mg/L	02/26/21 - 09/06/23	11	46	CI around median	0.001	0.010	Standard	No Exceedance
MW-20	UA	E002	Barium, total	mg/L	02/26/21 - 09/06/23	11	0	CI around mean	0.103	2.0	Standard	No Exceedance
MW-20	UA	E002	Beryllium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-20	UA	E002	Boron, total	mg/L	02/26/21 - 09/06/23	11	0	CB around linear reg	0.514	2	Standard	No Exceedance
MW-20	UA	E002	Cadmium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-20	UA	E002	Chloride, total	mg/L	02/26/21 - 09/06/23	11	0	CI around mean	22.3	200	Standard	No Exceedance
MW-20	UA	E002	Chromium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-20	UA	E002	Cobalt, total	mg/L	02/26/21 - 09/06/23	11	91	CI around median	0.001	0.006	Standard	No Exceedance
MW-20	UA	E002	Fluoride, total	mg/L	02/26/21 - 09/06/23	11	0	CB around linear reg	0.319	4.0	Standard	No Exceedance
MW-20	UA	E002	Lead, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-20	UA	E002	Lithium, total	mg/L	02/26/21 - 09/06/23	11	0	CB around linear reg	-0.00462	0.04	Standard	No Exceedance
MW-20	UA	E002	Mercury, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-20	UA	E002	Molybdenum, total	mg/L	02/26/21 - 09/06/23	11	9	CB around linear reg	-0.00114	0.1	Standard	No Exceedance
MW-20	UA	E002	pH (field)	SU	02/26/21 - 09/06/23	11	0	CI around mean	6.8/7.1	5.6/9.0	Background/Standard	No Exceedance
MW-20	UA	E002	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 09/06/23	11	0	CI around mean	0.196	5	Standard	No Exceedance
MW-20	UA	E002	Selenium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-20	UA	E002	Sulfate, total	mg/L	02/26/21 - 09/06/23	11	0	CB around linear reg	141	400	Standard	No Exceedance
MW-20	UA	E002	Thallium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-20	UA	E002	Total Dissolved Solids	mg/L	02/26/21 - 09/06/23	10	0	CB around linear reg	621	1,200	Standard	No Exceedance
MW-20S	USCU	E002	Antimony, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-20S	USCU	E002	Arsenic, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.010	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-20S	USCU	E002	Barium, total	mg/L	02/26/21 - 09/06/23	11	9	CI around median	0.0346	2.0	Standard	No Exceedance
MW-20S	USCU	E002	Beryllium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-20S	USCU	E002	Boron, total	mg/L	02/26/21 - 09/06/23	11	0	CB around T-S line	1.7	2	Standard	No Exceedance
MW-20S	USCU	E002	Cadmium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-20S	USCU	E002	Chloride, total	mg/L	02/26/21 - 09/06/23	11	0	CI around mean	17.1	200	Standard	No Exceedance
MW-20S	USCU	E002	Chromium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-20S	USCU	E002	Cobalt, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-20S	USCU	E002	Fluoride, total	mg/L	02/26/21 - 09/06/23	11	0	CI around mean	0.176	4.0	Standard	No Exceedance
MW-20S	USCU	E002	Lead, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-20S	USCU	E002	Lithium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.003	0.04	Standard	No Exceedance
MW-20S	USCU	E002	Mercury, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-20S	USCU	E002	Molybdenum, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-20S	USCU	E002	pH (field)	SU	02/26/21 - 09/06/23	11	0	CI around mean	6.5/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-20S	USCU	E002	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 09/06/23	11	0	CI around mean	0.0887	5	Standard	No Exceedance
MW-20S	USCU	E002	Selenium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-20S	USCU	E002	Sulfate, total	mg/L	02/26/21 - 09/06/23	11	0	CB around linear reg	330	400	Standard	No Exceedance
MW-20S	USCU	E002	Thallium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-20S	USCU	E002	Total Dissolved Solids	mg/L	02/26/21 - 09/06/23	10	0	CB around linear reg	997	1,200	Standard	No Exceedance
MW-23	UA	E002	Antimony, total	mg/L	02/26/21 - 09/05/23	11	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-23	UA	E002	Arsenic, total	mg/L	02/26/21 - 09/05/23	11	54	CI around median	0.001	0.010	Standard	No Exceedance
MW-23	UA	E002	Barium, total	mg/L	02/26/21 - 09/05/23	11	0	CI around mean	0.0807	2.0	Standard	No Exceedance
MW-23	UA	E002	Beryllium, total	mg/L	02/26/21 - 09/05/23	11	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-23	UA	E002	Boron, total	mg/L	02/26/21 - 09/05/23	11	0	CI around mean	1.67	2	Standard	No Exceedance
MW-23	UA	E002	Cadmium, total	mg/L	02/26/21 - 09/05/23	11	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-23	UA	E002	Chloride, total	mg/L	02/26/21 - 09/05/23	11	0	CB around linear reg	24.8	200	Standard	No Exceedance
MW-23	UA	E002	Chromium, total	mg/L	02/26/21 - 09/05/23	11	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-23	UA	E002	Cobalt, total	mg/L	02/26/21 - 09/05/23	11	36	CI around median	0.001	0.006	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-23	UA	E002	Fluoride, total	mg/L	02/26/21 - 09/05/23	11	0	CI around mean	0.343	4.0	Standard	No Exceedance
MW-23	UA	E002	Lead, total	mg/L	02/26/21 - 09/05/23	11	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-23	UA	E002	Lithium, total	mg/L	02/26/21 - 09/05/23	11	100	All ND - Last	0.003	0.04	Standard	No Exceedance
MW-23	UA	E002	Mercury, total	mg/L	02/26/21 - 09/05/23	11	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-23	UA	E002	Molybdenum, total	mg/L	02/26/21 - 09/05/23	11	91	CI around median	0.0015	0.1	Standard	No Exceedance
MW-23	UA	E002	pH (field)	SU	02/26/21 - 09/05/23	11	0	CI around mean	6.5/6.8	5.6/9.0	Background/Standard	No Exceedance
MW-23	UA	E002	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 09/05/23	11	0	CI around mean	0.187	5	Standard	No Exceedance
MW-23	UA	E002	Selenium, total	mg/L	02/26/21 - 09/05/23	11	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-23	UA	E002	Sulfate, total	mg/L	02/26/21 - 09/05/23	11	0	CI around mean	42.8	400	Standard	No Exceedance
MW-23	UA	E002	Thallium, total	mg/L	02/26/21 - 09/05/23	11	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-23	UA	E002	Total Dissolved Solids	mg/L	02/26/21 - 09/05/23	10	0	CI around mean	578	1,200	Standard	No Exceedance
MW-28	UA	E002	Antimony, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-28	UA	E002	Arsenic, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.010	Standard	No Exceedance
MW-28	UA	E002	Barium, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	0.0217	2.0	Standard	No Exceedance
MW-28	UA	E002	Beryllium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-28	UA	E002	Boron, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	8.71	2	Standard	Exceedance
MW-28	UA	E002	Cadmium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-28	UA	E002	Chloride, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	12.5	200	Standard	No Exceedance
MW-28	UA	E002	Chromium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-28	UA	E002	Cobalt, total	mg/L	02/24/21 - 09/06/23	11	82	CI around median	0.001	0.006	Standard	No Exceedance
MW-28	UA	E002	Fluoride, total	mg/L	02/24/21 - 09/06/23	11	0	CI around median	0.12	4.0	Standard	No Exceedance
MW-28	UA	E002	Lead, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-28	UA	E002	Lithium, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	0.006	0.04	Standard	No Exceedance
MW-28	UA	E002	Mercury, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-28	UA	E002	Molybdenum, total	mg/L	02/24/21 - 09/06/23	11	91	CI around median	0.0015	0.1	Standard	No Exceedance
MW-28	UA	E002	pH (field)	SU	02/24/21 - 09/06/23	11	0	CI around mean	6.5/6.9	5.6/9.0	Background/Standard	No Exceedance
MW-28	UA	E002	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 09/06/23	11	0	CB around linear reg	0.196	5	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-28	UA	E002	Selenium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-28	UA	E002	Sulfate, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	817	400	Standard	Exceedance
MW-28	UA	E002	Thallium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-28	UA	E002	Total Dissolved Solids	mg/L	02/24/21 - 09/06/23	10	0	CI around mean	1,620	1,200	Standard	Exceedance
MW-30	UA	E002	Antimony, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-30	UA	E002	Arsenic, total	mg/L	02/25/21 - 09/06/23	11	9	CB around linear reg	0.0017	0.010	Standard	No Exceedance
MW-30	UA	E002	Barium, total	mg/L	02/25/21 - 09/06/23	11	0	CI around mean	0.151	2.0	Standard	No Exceedance
MW-30	UA	E002	Beryllium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-30	UA	E002	Boron, total	mg/L	02/25/21 - 09/06/23	11	0	CI around geomean	1.09	2	Standard	No Exceedance
MW-30	UA	E002	Cadmium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-30	UA	E002	Chloride, total	mg/L	02/25/21 - 09/06/23	11	0	CI around mean	46.3	200	Standard	No Exceedance
MW-30	UA	E002	Chromium, total	mg/L	02/25/21 - 09/06/23	11	73	CI around median	0.0015	0.1	Standard	No Exceedance
MW-30	UA	E002	Cobalt, total	mg/L	02/25/21 - 09/06/23	11	0	CI around mean	0.00203	0.006	Standard	No Exceedance
MW-30	UA	E002	Fluoride, total	mg/L	02/25/21 - 09/06/23	11	0	CB around linear reg	0.273	4.0	Standard	No Exceedance
MW-30	UA	E002	Lead, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-30	UA	E002	Lithium, total	mg/L	02/25/21 - 09/06/23	11	82	CB around T-S line	-0.0131	0.04	Standard	No Exceedance
MW-30	UA	E002	Mercury, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-30	UA	E002	Molybdenum, total	mg/L	02/25/21 - 09/06/23	11	36	CI around geomean	0.00155	0.1	Standard	No Exceedance
MW-30	UA	E002	pH (field)	SU	02/25/21 - 09/06/23	11	0	CI around mean	6.4/6.6	5.6/9.0	Background/Standard	No Exceedance
MW-30	UA	E002	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 09/06/23	11	0	CI around geomean	0.54	5	Standard	No Exceedance
MW-30	UA	E002	Selenium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-30	UA	E002	Sulfate, total	mg/L	02/25/21 - 09/06/23	11	27	CB around linear reg	-40.9	400	Standard	No Exceedance
MW-30	UA	E002	Thallium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-30	UA	E002	Total Dissolved Solids	mg/L	02/25/21 - 09/06/23	10	0	CI around median	612	1,200	Standard	No Exceedance
MW-31	UA	E002	Antimony, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-31	UA	E002	Arsenic, total	mg/L	02/24/21 - 09/06/23	11	9	CI around mean	0.00235	0.010	Standard	No Exceedance
MW-31	UA	E002	Barium, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	0.215	2.0	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-31	UA	E002	Beryllium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-31	UA	E002	Boron, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	0.241	2	Standard	No Exceedance
MW-31	UA	E002	Cadmium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-31	UA	E002	Chloride, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	47.2	200	Standard	No Exceedance
MW-31	UA	E002	Chromium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-31	UA	E002	Cobalt, total	mg/L	02/24/21 - 09/06/23	11	82	CI around median	0.001	0.006	Standard	No Exceedance
MW-31	UA	E002	Fluoride, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	0.167	4.0	Standard	No Exceedance
MW-31	UA	E002	Lead, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-31	UA	E002	Lithium, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	0.00462	0.04	Standard	No Exceedance
MW-31	UA	E002	Mercury, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-31	UA	E002	Molybdenum, total	mg/L	02/24/21 - 09/06/23	11	46	CI around median	0.0015	0.1	Standard	No Exceedance
MW-31	UA	E002	pH (field)	SU	02/24/21 - 09/06/23	11	0	CI around mean	6.5/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-31	UA	E002	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 09/06/23	11	0	CI around mean	0.51	5	Standard	No Exceedance
MW-31	UA	E002	Selenium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-31	UA	E002	Sulfate, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	10	400	Standard	No Exceedance
MW-31	UA	E002	Thallium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-31	UA	E002	Total Dissolved Solids	mg/L	02/24/21 - 09/06/23	10	0	CI around mean	571	1,200	Standard	No Exceedance
MW-31S	USCU	E002	Antimony, total	mg/L	02/24/21 - 09/06/23	10	80	CI around median	0.001	0.006	Standard	No Exceedance
MW-31S	USCU	E002	Arsenic, total	mg/L	02/24/21 - 09/06/23	10	0	CI around mean	0.00449	0.010	Standard	No Exceedance
MW-31S	USCU	E002	Barium, total	mg/L	02/24/21 - 09/06/23	10	0	CI around geomean	0.191	2.0	Standard	No Exceedance
MW-31S	USCU	E002	Beryllium, total	mg/L	02/24/21 - 09/06/23	10	90	CI around median	0.001	0.004	Standard	No Exceedance
MW-31S	USCU	E002	Boron, total	mg/L	02/24/21 - 09/06/23	10	0	CI around mean	0.0419	2	Standard	No Exceedance
MW-31S	USCU	E002	Cadmium, total	mg/L	02/24/21 - 09/06/23	10	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-31S	USCU	E002	Chromium, total	mg/L	02/24/21 - 09/06/23	10	40	CI around geomean	0.00175	0.1	Standard	No Exceedance
MW-31S	USCU	E002	Cobalt, total	mg/L	02/24/21 - 09/06/23	10	0	CI around geomean	0.00281	0.006	Standard	No Exceedance
MW-31S	USCU	E002	Lead, total	mg/L	02/24/21 - 09/06/23	10	30	CI around geomean	0.00116	0.0075	Standard	No Exceedance
MW-31S	USCU	E002	Lithium, total	mg/L	02/24/21 - 09/06/23	10	50	CI around median	0.003	0.04	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
MW-31S	USCU	E002	Mercury, total	mg/L	02/24/21 - 09/06/23	10	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-31S	USCU	E002	Molybdenum, total	mg/L	02/24/21 - 09/06/23	10	20	CI around mean	0.00238	0.1	Standard	No Exceedance
MW-31S	USCU	E002	pH (field)	SU	02/24/21 - 09/06/23	11	0	CI around mean	6.4/6.7	5.6/9.0	Background/Standard	No Exceedance
MW-31S	USCU	E002	Selenium, total	mg/L	02/24/21 - 09/06/23	10	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-31S	USCU	E002	Thallium, total	mg/L	02/24/21 - 09/06/23	10	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-32	UA	E002	Antimony, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.006	Standard	No Exceedance
MW-32	UA	E002	Arsenic, total	mg/L	02/25/21 - 09/06/23	11	91	CI around median	0.001	0.010	Standard	No Exceedance
MW-32	UA	E002	Barium, total	mg/L	02/25/21 - 09/06/23	11	0	CB around linear reg	0.029	2.0	Standard	No Exceedance
MW-32	UA	E002	Beryllium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.004	Standard	No Exceedance
MW-32	UA	E002	Boron, total	mg/L	02/25/21 - 09/06/23	11	0	CI around mean	1.52	2	Standard	No Exceedance
MW-32	UA	E002	Cadmium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.005	Standard	No Exceedance
MW-32	UA	E002	Chloride, total	mg/L	02/25/21 - 09/06/23	11	0	CB around linear reg	9.54	200	Standard	No Exceedance
MW-32	UA	E002	Chromium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-32	UA	E002	Cobalt, total	mg/L	02/25/21 - 09/06/23	11	73	CI around median	0.001	0.006	Standard	No Exceedance
MW-32	UA	E002	Fluoride, total	mg/L	02/25/21 - 09/06/23	11	0	CI around mean	0.171	4.0	Standard	No Exceedance
MW-32	UA	E002	Lead, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
MW-32	UA	E002	Lithium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.003	0.04	Standard	No Exceedance
MW-32	UA	E002	Mercury, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
MW-32	UA	E002	Molybdenum, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
MW-32	UA	E002	pH (field)	SU	02/25/21 - 09/06/23	11	0	CI around mean	6.3/6.6	5.6/9.0	Background/Standard	No Exceedance
MW-32	UA	E002	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 09/06/23	11	0	CI around mean	0.0518	5	Standard	No Exceedance
MW-32	UA	E002	Selenium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.05	Standard	No Exceedance
MW-32	UA	E002	Sulfate, total	mg/L	02/25/21 - 09/06/23	11	0	CI around mean	407	400	Standard	Exceedance
MW-32	UA	E002	Thallium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.002	0.002	Standard	No Exceedance
MW-32	UA	E002	Total Dissolved Solids	mg/L	02/25/21 - 09/06/23	10	0	CI around median	1,050	1,200	Standard	No Exceedance

TABLE 2.
COMPARISON OF STATISTICAL RESULTS TO GWPS - QUARTER 3, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Notes:
Compliance Result:

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

Exceedance: The statistical result exceeded the GWPS.

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

USCU = Upper Semi-Confining Unit

mg/L = milligrams per liter
ND = non-detect
pCi/L = picocuries per liter
SU = standard units
Sample Count = number of samples from Sampled Date Range used to calculate the Statistical Result
Statistical Calculation = method used to calculate the statistical result:

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

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

CB around linear reg = Confidence band around linear regression

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

Statistical Result = calculated in accordance with 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)

ATTACHMENTS

ATTACHMENT A
SUMMARY OF GROUNDWATER ELEVATION DATA
QUARTER 3, 2023

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 3, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
MW-1	Background	09/05/2023	16.39	588.32
MW-2	Background	09/05/2023	8.60	592.50
MW-3	Compliance	09/05/2023	9.05	592.41
MW-5	Compliance	09/05/2023	28.70	590.74
MW-6	Compliance	09/05/2023	11.96	588.50
MW-7	Compliance	09/05/2023	10.31	587.44
MW-7S	Compliance	09/05/2023	10.36	587.28
MW-8	Compliance	09/05/2023	9.78	593.36
MW-8S	Compliance	09/05/2023	Dry	
MW-11	Compliance	09/05/2023	11.79	590.02
MW-12	Compliance	09/05/2023	7.46	583.94
MW-20	Compliance	09/05/2023	9.72	591.05
MW-20S	Compliance	09/05/2023	11.64	589.00
MW-23	Compliance	09/05/2023	16.67	593.65
MW-27	Compliance	09/05/2023	Dry	
MW-28	Compliance	09/05/2023	8.17	593.23
MW-30	Compliance	09/05/2023	25.45	593.02
MW-31	Compliance	09/05/2023	32.72	584.62
MW-31S	Compliance	09/05/2023	21.54	596.00
MW-32	Compliance	09/05/2023	25.44	594.05
PZ-4C	Compliance	09/05/2023	8.79	591.78
XSG-01	Water Level	09/05/2023	2.78	605.65
SG-02	Water Level	09/05/2023	9.10	555.70

Notes:
Only wells with groundwater elevations measured are included.
BMP = below measuring point
NAVD88 = North American Vertical Datum of 1988

ATTACHMENT B
LABORATORY REPORTS AND FIELD DATA SHEETS
QUARTER 3, 2023

October 13, 2023

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

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

RE: KIN-23Q3 **WorkOrder:** 23081489

Dear Eric Bauer:

TEKLAB, INC received 25 samples for KIN_845_141 on 9/7/2023 3:30:00 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
Work Order: 23081489
Client Project: KIN-23Q3
Report Date: 13-Oct-23

This reporting package includes the following:

Definitions

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Definitions

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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-23Q3

Work Order: 23081489
Report Date: 13-Oct-23

Cooler Receipt Temp: 4.0 °C

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

MW-07S, MW-08S, MW-10, MW-27, PZ4A, and PZ4C could not be collected; the wells were dry. 31S went dry during sample collection; the container for total inorganics (Alkalinity B, Alkalinity C, Chloride, Fluoride, Nitrate, PO4, Sulfate and TDS) analyses could not be filled.

Collection dates/times for depth-only wells are per the field files. EAH 9/11/23

Per Eric Bauer, GW surface elevation calculations are not required. (ehurley - 9/27/2023 3:14:52 PM)

KIN_845_141 data is included in this report. EAH 10/13/23

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:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	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		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville

Laboratory Results

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

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-001 **Client Sample ID:** MW-01

Matrix: GROUNDWATER **Collection Date:** 09/05/2023 12:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**16.41**	ft	1	09/05/2023 12:43	R336100
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**1.4**	NTU	1	09/05/2023 12:43	R336100
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**42**	mV	1	09/05/2023 12:43	R336100
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**876**	µS/cm	1	09/05/2023 12:43	R336100
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.6**	°C	1	09/05/2023 12:43	R336100
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.57**	mg/L	1	09/05/2023 12:43	R336100
SW-846 9040B FIELD									
pH	*	0	1.00		**6.44**		1	09/05/2023 12:43	R336100
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**186**	mg/L	1	09/12/2023 9:15	R336231
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	09/12/2023 9:15	R336231
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**352**	mg/L	1	09/07/2023 9:34	R336096
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**80**	mg/L	5	09/12/2023 18:03	R336237
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.26**	mg/L	1	09/11/2023 9:11	R336139
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**13**	mg/L	1	09/12/2023 17:58	R336274
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**54.3**	mg/L	1	09/11/2023 17:07	211734
Magnesium	NELAP	0.0055	0.0500		**25.1**	mg/L	1	09/11/2023 17:07	211734
Potassium	NELAP	0.0400	0.100		**0.315**	mg/L	1	09/11/2023 17:07	211734
Sodium	NELAP	0.0180	0.0500		**15.4**	mg/L	1	09/11/2023 17:07	211734
Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:08	211734
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:08	211734
Barium	NELAP	0.0007	0.0010		**0.0417**	mg/L	5	09/21/2023 17:17	211734
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:08	211734
Boron	NELAP	0.0150	0.0250		**0.270**	mg/L	5	09/29/2023 9:34	211734
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:08	211734
Chromium	NELAP	0.0010	0.0015		**< 0.0015**	mg/L	5	09/21/2023 1:08	211734
Cobalt	NELAP	0.0001	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:08	211734
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:08	211734
Lithium	*	0.0015	0.0030	J	**0.0017**	mg/L	5	09/21/2023 1:08	211734
Molybdenum	*	0.0006	0.0015		**< 0.0015**	mg/L	5	09/21/2023 17:17	211734
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:08	211734
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	09/21/2023 1:08	211734
CCV recovered outside the upper control limits for Zn. Sample results are below the reporting limit. Data is reportable per the TNI standard.									

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-001 **Client Sample ID:** MW-01

Matrix: GROUNDWATER **Collection Date:** 09/05/2023 12:43

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	09/09/2023 9:36	211828

Laboratory Results

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

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-002 **Client Sample ID:** MW-02

Matrix: GROUNDWATER **Collection Date:** 09/05/2023 12:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**8.60**	ft	1	09/05/2023 12:20	R336100
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**51**	NTU	1	09/05/2023 12:20	R336100
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-48**	mV	1	09/05/2023 12:20	R336100
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1260**	µS/cm	1	09/05/2023 12:20	R336100
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.8**	°C	1	09/05/2023 12:20	R336100
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.57**	mg/L	1	09/05/2023 12:20	R336100
SW-846 9040B FIELD									
pH	*	0	1.00		**6.75**		1	09/05/2023 12:20	R336100
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**270**	mg/L	1	09/12/2023 9:29	R336231
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	09/12/2023 9:29	R336231
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**495**	mg/L	2.5	09/07/2023 9:35	R336096
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**130**	mg/L	10	09/12/2023 18:11	R336237
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.51**	mg/L	1	09/11/2023 9:14	R336139
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**14**	mg/L	1	09/12/2023 18:06	R336274
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**104**	mg/L	1	09/11/2023 17:18	211734
Magnesium	NELAP	0.0055	0.0500		**36.9**	mg/L	1	09/11/2023 17:18	211734
Potassium	NELAP	0.0400	0.100		**2.25**	mg/L	1	09/11/2023 17:18	211734
Sodium	NELAP	0.0180	0.0500		**23.6**	mg/L	1	09/11/2023 17:18	211734
Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:13	211734
Arsenic	NELAP	0.0004	0.0010		**0.0031**	mg/L	5	09/21/2023 1:13	211734
Barium	NELAP	0.0007	0.0010		**0.138**	mg/L	5	09/21/2023 17:23	211734
Beryllium	NELAP	0.0002	0.0010	J	**0.0004**	mg/L	5	09/21/2023 1:13	211734
Boron	NELAP	0.0092	0.0250		**0.0630**	mg/L	5	09/29/2023 11:04	211734
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:13	211734
Chromium	NELAP	0.0010	0.0015		**0.0073**	mg/L	5	09/21/2023 1:13	211734
Cobalt	NELAP	0.0001	0.0010		**0.0029**	mg/L	5	09/21/2023 1:13	211734
Lead	NELAP	0.0006	0.0010		**0.0037**	mg/L	5	09/21/2023 1:13	211734
Lithium	*	0.0015	0.0030		**0.0096**	mg/L	5	09/21/2023 1:13	211734
Molybdenum	*	0.0006	0.0015		**0.0046**	mg/L	5	09/26/2023 2:41	211734
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:13	211734
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	09/21/2023 1:13	211734

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-002 **Client Sample ID:** MW-02

Matrix: GROUNDWATER **Collection Date:** 09/05/2023 12:20

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	09/09/2023 9:38	211828

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-003 **Client Sample ID:** MW-03

Matrix: GROUNDWATER **Collection Date:** 09/05/2023 14:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**9.02**	ft	1	09/05/2023 14:14	R336100
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**5.6**	NTU	1	09/05/2023 14:14	R336100
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**35**	mV	1	09/05/2023 14:14	R336100
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1580**	µS/cm	1	09/05/2023 14:14	R336100
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.3**	°C	1	09/05/2023 14:14	R336100
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.71**	mg/L	1	09/05/2023 14:14	R336100
SW-846 9040B FIELD									
pH	*	0	1.00		**6.84**		1	09/05/2023 14:14	R336100
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**370**	mg/L	1	09/12/2023 9:39	R336231
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	09/12/2023 9:39	R336231
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**594**	mg/L	1	09/07/2023 10:14	R336096
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**117**	mg/L	10	09/12/2023 18:27	R336237
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.29**	mg/L	1	09/11/2023 9:15	R336139
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4	S	**28**	mg/L	1	09/12/2023 18:17	R336274
Matrix spike did not recover within control limits due to matrix interference.									
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**91.2**	mg/L	1	09/11/2023 17:19	211734
Magnesium	NELAP	0.0055	0.0500		**46.9**	mg/L	1	09/11/2023 17:19	211734
Potassium	NELAP	0.0400	0.100		**0.231**	mg/L	1	09/11/2023 17:19	211734
Sodium	NELAP	0.0180	0.0500		**44.8**	mg/L	1	09/11/2023 17:19	211734
Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:18	211734
Arsenic	NELAP	0.0004	0.0010	J	**0.0004**	mg/L	5	09/21/2023 1:18	211734
Barium	NELAP	0.0007	0.0010		**0.0431**	mg/L	5	09/21/2023 17:29	211734
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:18	211734
Boron	NELAP	0.0092	0.0250		**1.71**	mg/L	5	09/29/2023 11:09	211734
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:18	211734
Chromium	NELAP	0.0010	0.0015		**< 0.0015**	mg/L	5	09/21/2023 1:18	211734
Cobalt	NELAP	0.0001	0.0010	J	**0.0005**	mg/L	5	09/21/2023 1:18	211734
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:18	211734
Lithium	*	0.0015	0.0030	J	**0.0018**	mg/L	5	09/21/2023 1:18	211734
Molybdenum	*	0.0006	0.0015	J	**0.0009**	mg/L	5	09/21/2023 17:29	211734
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:18	211734
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	09/21/2023 1:18	211734

Laboratory Results

Teklab, Inc.
Environmental Laboratory
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Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-003 **Client Sample ID:** MW-03

Matrix: GROUNDWATER **Collection Date:** 09/05/2023 14:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
CCV recovered outside the upper control limits for 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	09/09/2023 9:40	211828

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-005 **Client Sample ID:** MW-05

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 11:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**28.71**	ft	1	09/06/2023 11:32	R336100
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**4.4**	NTU	1	09/06/2023 11:32	R336100
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-19**	mV	1	09/06/2023 11:32	R336100
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2120**	µS/cm	1	09/06/2023 11:32	R336100
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**14.9**	°C	1	09/06/2023 11:32	R336100
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.68**	mg/L	1	09/06/2023 11:32	R336100
SW-846 9040B FIELD									
pH	*	0	1.00		**6.67**		1	09/06/2023 11:32	R336100
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**696**	mg/L	1	09/12/2023 9:47	R336231
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	09/12/2023 9:47	R336231
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**732**	mg/L	1	09/08/2023 9:01	R336151
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**10**	mg/L	1	09/12/2023 18:59	R336237
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.20**	mg/L	1	09/08/2023 14:47	R336108
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**44**	mg/L	1	09/12/2023 18:59	R336274
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**147**	mg/L	1	09/11/2023 16:35	211778
Magnesium	NELAP	0.0055	0.0500		**75.8**	mg/L	1	09/11/2023 16:35	211778
Potassium	NELAP	0.0400	0.100		**0.556**	mg/L	1	09/11/2023 16:35	211778
Sodium	NELAP	0.0180	0.0500		**24.2**	mg/L	1	09/11/2023 16:35	211778
Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:09	211778
Arsenic	NELAP	0.0004	0.0010	J	**0.0006**	mg/L	5	09/21/2023 2:09	211778
Barium	NELAP	0.0007	0.0010		**0.151**	mg/L	5	09/21/2023 18:42	211778
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:09	211778
Boron	NELAP	0.0092	0.0250		**0.578**	mg/L	5	09/29/2023 11:26	211778
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:09	211778
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	09/21/2023 2:09	211778
Cobalt	NELAP	0.0001	0.0010	J	**0.0006**	mg/L	5	09/21/2023 2:09	211778
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:09	211778
Lithium	*	0.0015	0.0030	J	**0.0027**	mg/L	5	09/21/2023 2:09	211778
Molybdenum	*	0.0006	0.0015	J	**0.0011**	mg/L	5	09/26/2023 0:09	211778
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:09	211778
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	09/21/2023 2:09	211778

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-005 **Client Sample ID:** MW-05

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 11:32

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	09/09/2023 9:54	211828

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-006 **Client Sample ID:** MW-06

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 13:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**11.97**	ft	1	09/06/2023 13:44	R336100
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**6.7**	NTU	1	09/06/2023 13:44	R336100
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**39**	mV	1	09/06/2023 13:44	R336100
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1450**	µS/cm	1	09/06/2023 13:44	R336100
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.0**	°C	1	09/06/2023 13:44	R336100
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.75**	mg/L	1	09/06/2023 13:44	R336100
SW-846 9040B FIELD									
pH	*	0	1.00		**6.54**		1	09/06/2023 13:44	R336100
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**328**	mg/L	1	09/12/2023 9:57	R336231
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	09/12/2023 9:57	R336231
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**584**	mg/L	1	09/08/2023 9:02	R336151
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**151**	mg/L	10	09/12/2023 19:06	R336237
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.22**	mg/L	1	09/08/2023 14:49	R336108
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**5**	mg/L	1	09/12/2023 19:02	R336274
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**104**	mg/L	1	09/11/2023 16:37	211778
Magnesium	NELAP	0.0055	0.0500		**44.5**	mg/L	1	09/11/2023 16:37	211778
Potassium	NELAP	0.0400	0.100		**0.419**	mg/L	1	09/11/2023 16:37	211778
Sodium	NELAP	0.0180	0.0500		**25.9**	mg/L	1	09/11/2023 16:37	211778
Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:14	211778
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:14	211778
Barium	NELAP	0.0007	0.0010		**0.0476**	mg/L	5	09/21/2023 18:48	211778
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:14	211778
Boron	NELAP	0.0092	0.0250		**1.47**	mg/L	5	09/29/2023 11:31	211778
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:14	211778
Chromium	NELAP	0.0007	0.0015		**0.0019**	mg/L	5	09/21/2023 18:48	211778
Cobalt	NELAP	0.0001	0.0010	J	**0.0003**	mg/L	5	09/21/2023 2:14	211778
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:14	211778
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	09/21/2023 2:14	211778
Molybdenum	*	0.0006	0.0015		**< 0.0015**	mg/L	5	09/21/2023 18:48	211778
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:14	211778
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	09/21/2023 2:14	211778

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-006 **Client Sample ID:** MW-06

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 13:44

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	09/09/2023 9:56	211828

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-007 **Client Sample ID:** MW-07

Matrix: GROUNDWATER **Collection Date:** 09/07/2023 9:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**10.30**	ft	1	09/07/2023 9:50	R336100
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**10**	NTU	1	09/07/2023 9:50	R336100
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**2**	mV	1	09/07/2023 9:50	R336100
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1910**	µS/cm	1	09/07/2023 9:50	R336100
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.6**	°C	1	09/07/2023 9:50	R336100
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.68**	mg/L	1	09/07/2023 9:50	R336100
SW-846 9040B FIELD									
pH	*	0	1.00		**6.79**		1	09/07/2023 9:50	R336100
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**356**	mg/L	1	09/12/2023 10:02	R336231
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	09/12/2023 10:02	R336231
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**824**	mg/L	1	09/08/2023 12:08	R336151
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**259**	mg/L	10	09/12/2023 19:15	R336237
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.30**	mg/L	1	09/08/2023 14:51	R336108
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**6**	mg/L	1	09/12/2023 19:10	R336274
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**145**	mg/L	1	09/11/2023 13:51	211803
Magnesium	NELAP	0.0055	0.0500		**64.6**	mg/L	1	09/11/2023 13:51	211803
Potassium	NELAP	0.0400	0.100		**1.79**	mg/L	1	09/11/2023 13:51	211803
Sodium	NELAP	0.0180	0.0500		**18.2**	mg/L	1	09/11/2023 13:51	211803
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/20/2023 21:17	211803
Arsenic	NELAP	0.0004	0.0010	J	**0.0006**	mg/L	5	09/20/2023 21:17	211803
Barium	NELAP	0.0007	0.0010		**0.0388**	mg/L	5	09/22/2023 10:30	211803
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/20/2023 21:17	211803
Boron	NELAP	0.0092	0.0250		**0.450**	mg/L	5	09/22/2023 10:30	211803
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/20/2023 21:17	211803
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	09/20/2023 21:17	211803
Cobalt	NELAP	0.0001	0.0010	J	**0.0004**	mg/L	5	09/20/2023 21:17	211803
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/20/2023 21:17	211803
Lithium	*	0.0015	0.0030	J	**0.0023**	mg/L	5	09/20/2023 21:17	211803
Molybdenum	*	0.0006	0.0015		**0.0035**	mg/L	5	09/22/2023 10:30	211803
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/20/2023 21:17	211803
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	09/20/2023 21:17	211803

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-007 **Client Sample ID:** MW-07

Matrix: GROUNDWATER **Collection Date:** 09/07/2023 9:50

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	09/09/2023 9:58	211828

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-009 **Client Sample ID:** MW-08

Matrix: GROUNDWATER **Collection Date:** 09/07/2023 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**9.80**	ft	1	09/07/2023 10:19	R336100
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**1.8**	NTU	1	09/07/2023 10:19	R336100
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**32**	mV	1	09/07/2023 10:19	R336100
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2010**	µS/cm	1	09/07/2023 10:19	R336100
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.0**	°C	1	09/07/2023 10:19	R336100
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.57**	mg/L	1	09/07/2023 10:19	R336100
SW-846 9040B FIELD									
pH	*	0	1.00		**6.57**		1	09/07/2023 10:19	R336100
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**470**	mg/L	1	09/12/2023 10:13	R336231
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	09/12/2023 10:13	R336231
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**858**	mg/L	1	09/08/2023 12:09	R336151
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**214**	mg/L	10	09/12/2023 19:23	R336237
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.23**	mg/L	1	09/08/2023 14:53	R336108
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**20**	mg/L	1	09/12/2023 19:18	R336274
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**151**	mg/L	1	09/11/2023 13:52	211803
Magnesium	NELAP	0.0055	0.0500		**73.9**	mg/L	1	09/11/2023 13:52	211803
Potassium	NELAP	0.0400	0.100		**0.531**	mg/L	1	09/11/2023 13:52	211803
Sodium	NELAP	0.0180	0.0500		**30.0**	mg/L	1	09/11/2023 13:52	211803
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/20/2023 21:22	211803
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/20/2023 21:22	211803
Barium	NELAP	0.0007	0.0010		**0.0278**	mg/L	5	09/22/2023 11:16	211803
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/20/2023 21:22	211803
Boron	NELAP	0.0092	0.0250		**0.997**	mg/L	5	09/22/2023 11:16	211803
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/20/2023 21:22	211803
Chromium	NELAP	0.0007	0.0015	J	**0.0007**	mg/L	5	09/20/2023 21:22	211803
Cobalt	NELAP	0.0001	0.0010		**0.0012**	mg/L	5	09/20/2023 21:22	211803
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/20/2023 21:22	211803
Lithium	*	0.0015	0.0030	J	**0.0017**	mg/L	5	09/20/2023 21:22	211803
Molybdenum	*	0.0006	0.0015		**< 0.0015**	mg/L	5	09/22/2023 11:16	211803
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/20/2023 21:22	211803
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	09/20/2023 21:22	211803

Contamination present in the MBLK for Al. Sample results below the reporting limit are reportable per the TNI Standard.

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-009 **Client Sample ID:** MW-08

Matrix: GROUNDWATER **Collection Date:** 09/07/2023 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	09/09/2023 10:00	211828

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-013 **Client Sample ID:** MW-11

Matrix: GROUNDWATER **Collection Date:** 09/05/2023 13:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**11.76**	ft	1	09/05/2023 13:09	R336100
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**2.1**	NTU	1	09/05/2023 13:09	R336100
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-5**	mV	1	09/05/2023 13:09	R336100
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1730**	µS/cm	1	09/05/2023 13:09	R336100
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**17.8**	°C	1	09/05/2023 13:09	R336100
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.57**	mg/L	1	09/05/2023 13:09	R336100
SW-846 9040B FIELD									
pH	*	0	1.00		**6.65**		1	09/05/2023 13:09	R336100
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**428**	mg/L	1	09/12/2023 10:21	R336231
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	09/12/2023 10:21	R336231
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**650**	mg/L	1	09/07/2023 10:14	R336096
SW-846 9036 (TOTAL)									
Sulfate	NELAP	31	50		**129**	mg/L	5	09/13/2023 13:54	R336315
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.56**	mg/L	1	09/11/2023 9:19	R336139
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**32**	mg/L	1	09/12/2023 19:50	R336274
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**115**	mg/L	1	09/11/2023 17:21	211734
Magnesium	NELAP	0.0055	0.0500		**49.0**	mg/L	1	09/11/2023 17:21	211734
Potassium	NELAP	0.0400	0.100		**0.919**	mg/L	1	09/11/2023 17:21	211734
Sodium	NELAP	0.0180	0.0500		**43.4**	mg/L	1	09/11/2023 17:21	211734
Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:23	211734
Arsenic	NELAP	0.0004	0.0010		**0.0017**	mg/L	5	09/21/2023 18:31	211734
Barium	NELAP	0.0007	0.0010		**0.128**	mg/L	5	09/21/2023 18:31	211734
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:23	211734
Boron	NELAP	0.0092	0.0250		**1.87**	mg/L	5	09/29/2023 11:15	211734
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:23	211734
Chromium	NELAP	0.0010	0.0015		**< 0.0015**	mg/L	5	09/21/2023 1:23	211734
Cobalt	NELAP	0.0001	0.0010	J	**0.0003**	mg/L	5	09/21/2023 1:23	211734
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:23	211734
Lithium	*	0.0015	0.0030	J	**0.0024**	mg/L	5	09/21/2023 1:23	211734
Molybdenum	*	0.0006	0.0015		**0.0048**	mg/L	5	09/21/2023 18:31	211734
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:23	211734
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	09/21/2023 1:23	211734

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-013 **Client Sample ID:** MW-11

Matrix: GROUNDWATER **Collection Date:** 09/05/2023 13:09

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	09/12/2023 9:13	211858

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-014 **Client Sample ID:** MW-12

Matrix: GROUNDWATER **Collection Date:** 09/07/2023 9:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**7.51**	ft	1	09/07/2023 9:19	R336100
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**8.0**	NTU	1	09/07/2023 9:19	R336100
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-58**	mV	1	09/07/2023 9:19	R336100
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2550**	µS/cm	1	09/07/2023 9:19	R336100
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.0**	°C	1	09/07/2023 9:19	R336100
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.52**	mg/L	1	09/07/2023 9:19	R336100
SW-846 9040B FIELD									
pH	*	0	1.00		**6.46**		1	09/07/2023 9:19	R336100
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**532**	mg/L	1	09/12/2023 10:29	R336231
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	09/12/2023 10:29	R336231
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1190**	mg/L	1	09/08/2023 12:10	R336151
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**380**	mg/L	10	09/12/2023 20:16	R336237
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.20**	mg/L	1	09/08/2023 14:57	R336108
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**29**	mg/L	1	09/12/2023 20:11	R336274
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**204**	mg/L	1	09/12/2023 11:56	211803
Magnesium	NELAP	0.0055	0.0500		**87.6**	mg/L	1	09/12/2023 11:56	211803
Potassium	NELAP	0.0400	0.100		**2.43**	mg/L	1	09/11/2023 15:15	211803
Sodium	NELAP	0.0180	0.0500		**57.5**	mg/L	1	09/12/2023 11:56	211803
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/20/2023 21:32	211803
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/20/2023 21:32	211803
Barium	NELAP	0.0007	0.0010		**0.0866**	mg/L	5	09/22/2023 11:27	211803
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/20/2023 21:32	211803
Boron	NELAP	0.0092	0.0250		**3.94**	mg/L	5	09/22/2023 11:27	211803
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/20/2023 21:32	211803
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	09/20/2023 21:32	211803
Cobalt	NELAP	0.0001	0.0010	J	**0.0002**	mg/L	5	09/20/2023 21:32	211803
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/20/2023 21:32	211803
Lithium	*	0.0015	0.0030		**0.0089**	mg/L	5	09/20/2023 21:32	211803
Molybdenum	*	0.0006	0.0015		**< 0.0015**	mg/L	5	09/22/2023 11:27	211803
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/20/2023 21:32	211803
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	09/20/2023 21:32	211803

Contamination present in the MBLK for Al and Cu. Sample results below the reporting limit are reportable per the TNI Standard.

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-014 **Client Sample ID:** MW-12

Matrix: GROUNDWATER **Collection Date:** 09/07/2023 9:19

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	09/12/2023 9:15	211858

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-015 **Client Sample ID:** MW-12S

Matrix: GROUNDWATER **Collection Date:** 09/05/2023 13:07

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**7.17**	ft	1	09/05/2023 13:07	R336100

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-016 **Client Sample ID:** MW-12D

Matrix: GROUNDWATER **Collection Date:** 09/05/2023 13:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**4.16**	ft	1	09/05/2023 13:17	R336100

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-017 **Client Sample ID:** MW-20

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 9:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**9.75**	ft	1	09/06/2023 9:45	R336100
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**9.3**	NTU	1	09/06/2023 9:45	R336100
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-227**	mV	1	09/06/2023 9:45	R336100
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1750**	µS/cm	1	09/06/2023 9:45	R336100
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.7**	°C	1	09/06/2023 9:45	R336100
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.58**	mg/L	1	09/06/2023 9:45	R336100
SW-846 9040B FIELD									
pH	*	0	1.00		**6.90**		1	09/06/2023 9:45	R336100
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**420**	mg/L	1	09/12/2023 10:33	R336231
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	09/12/2023 10:33	R336231
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**642**	mg/L	1	09/08/2023 9:33	R336151
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**140**	mg/L	10	09/12/2023 20:37	R336237
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.39**	mg/L	1	09/08/2023 15:08	R336108
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**20**	mg/L	1	09/12/2023 20:19	R336274
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**122**	mg/L	1	09/11/2023 16:39	211778
Magnesium	NELAP	0.0055	0.0500		**59.1**	mg/L	1	09/11/2023 16:39	211778
Potassium	NELAP	0.0400	0.100		**1.08**	mg/L	1	09/11/2023 16:39	211778
Sodium	NELAP	0.0180	0.0500		**22.4**	mg/L	1	09/11/2023 16:39	211778
Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:19	211778
Arsenic	NELAP	0.0004	0.0010	J	**0.0006**	mg/L	5	09/21/2023 2:19	211778
Barium	NELAP	0.0007	0.0010		**0.105**	mg/L	5	09/21/2023 18:53	211778
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:19	211778
Boron	NELAP	0.0092	0.0250		**0.642**	mg/L	5	09/29/2023 11:37	211778
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:19	211778
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	09/21/2023 2:19	211778
Cobalt	NELAP	0.0001	0.0010	J	**0.0005**	mg/L	5	09/21/2023 2:19	211778
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:19	211778
Lithium	*	0.0015	0.0030		**0.0046**	mg/L	5	09/21/2023 2:19	211778
Molybdenum	*	0.0006	0.0015		**0.0043**	mg/L	5	09/26/2023 0:22	211778
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:19	211778
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	09/21/2023 2:19	211778

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-017 **Client Sample ID:** MW-20

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 9:45

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	09/12/2023 9:22	211858

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-018 **Client Sample ID:** MW-20S

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 10:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**6.68**	ft	1	09/06/2023 10:11	R336100
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**7.8**	NTU	1	09/06/2023 10:11	R336100
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-210**	mV	1	09/06/2023 10:11	R336100
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2500**	µS/cm	1	09/06/2023 10:11	R336100
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**19.0**	°C	1	09/06/2023 10:11	R336100
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.92**	mg/L	1	09/06/2023 10:11	R336100
SW-846 9040B FIELD									
pH	*	0	1.00		**6.71**		1	09/06/2023 10:11	R336100
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**480**	mg/L	1	09/12/2023 10:40	R336231
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	09/12/2023 10:40	R336231
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1030**	mg/L	1	09/08/2023 9:33	R336151
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**352**	mg/L	10	09/12/2023 20:46	R336237
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.22**	mg/L	1	09/08/2023 15:10	R336108
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**18**	mg/L	1	09/12/2023 20:40	R336274
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**180**	mg/L	1	09/11/2023 16:40	211778
Magnesium	NELAP	0.0055	0.0500		**89.1**	mg/L	1	09/11/2023 16:40	211778
Potassium	NELAP	0.0400	0.100		**0.223**	mg/L	1	09/11/2023 16:40	211778
Sodium	NELAP	0.0180	0.0500		**25.6**	mg/L	1	09/11/2023 16:40	211778
Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:25	211778
Arsenic	NELAP	0.0004	0.0010	J	**0.0006**	mg/L	5	09/21/2023 2:25	211778
Barium	NELAP	0.0007	0.0010		**0.0346**	mg/L	5	09/21/2023 19:50	211778
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:25	211778
Boron	NELAP	0.0092	0.0250		**2.13**	mg/L	5	09/29/2023 11:42	211778
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:25	211778
Chromium	NELAP	0.0007	0.0015	J	**0.0009**	mg/L	5	09/21/2023 2:25	211778
Cobalt	NELAP	0.0001	0.0010	J	**0.0008**	mg/L	5	09/21/2023 2:25	211778
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:25	211778
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	09/21/2023 2:25	211778
Molybdenum	*	0.0006	0.0015		**< 0.0015**	mg/L	5	09/21/2023 19:50	211778
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:25	211778
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	09/21/2023 2:25	211778

Laboratory Results

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Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-018 **Client Sample ID:** MW-20S

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 10:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	09/12/2023 9:24	211858

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-019 **Client Sample ID:** MW-23

Matrix: GROUNDWATER **Collection Date:** 09/05/2023 13:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**16.66**	ft	1	09/05/2023 13:40	R336100
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**3.5**	NTU	1	09/05/2023 13:40	R336100
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**13**	mV	1	09/05/2023 13:40	R336100
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1700**	µS/cm	1	09/05/2023 13:40	R336100
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.6**	°C	1	09/05/2023 13:40	R336100
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.74**	mg/L	1	09/05/2023 13:40	R336100
SW-846 9040B FIELD									
pH	*	0	1.00		**6.81**		1	09/05/2023 13:40	R336100
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**502**	mg/L	1	09/12/2023 10:46	R336231
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	09/12/2023 10:46	R336231
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**634**	mg/L	1	09/07/2023 10:14	R336096
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**48**	mg/L	1	09/12/2023 20:48	R336237
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.40**	mg/L	1	09/11/2023 9:21	R336139
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**26**	mg/L	1	09/12/2023 20:48	R336274
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**109**	mg/L	1	09/11/2023 17:22	211734
Magnesium	NELAP	0.0055	0.0500		**49.3**	mg/L	1	09/11/2023 17:22	211734
Potassium	NELAP	0.0400	0.100		**0.449**	mg/L	1	09/11/2023 17:22	211734
Sodium	NELAP	0.0180	0.0500		**42.7**	mg/L	1	09/11/2023 17:22	211734
Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:28	211734
Arsenic	NELAP	0.0004	0.0010		**0.0014**	mg/L	5	09/21/2023 1:28	211734
Barium	NELAP	0.0007	0.0010		**0.0980**	mg/L	5	09/21/2023 18:37	211734
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:28	211734
Boron	NELAP	0.0092	0.0250		**2.39**	mg/L	5	09/29/2023 11:20	211734
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:28	211734
Chromium	NELAP	0.0010	0.0015		**< 0.0015**	mg/L	5	09/21/2023 1:28	211734
Cobalt	NELAP	0.0001	0.0010	J	**0.0010**	mg/L	5	09/21/2023 1:28	211734
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:28	211734
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	09/21/2023 1:28	211734
Molybdenum	*	0.0006	0.0015	J	**0.0012**	mg/L	5	09/21/2023 18:37	211734
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 1:28	211734
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	09/21/2023 1:28	211734

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-019 **Client Sample ID:** MW-23

Matrix: GROUNDWATER **Collection Date:** 09/05/2023 13:40

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	09/12/2023 9:26	211858

Laboratory Results

Teklab, Inc. Environmental Laboratory
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Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-021 **Client Sample ID:** MW-28

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 14:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**8.15**	ft	1	09/06/2023 14:08	R336100
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**4.1**	NTU	1	09/06/2023 14:08	R336100
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**19**	mV	1	09/06/2023 14:08	R336100
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**3880**	µS/cm	1	09/06/2023 14:08	R336100
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.1**	°C	1	09/06/2023 14:08	R336100
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.55**	mg/L	1	09/06/2023 14:08	R336100
SW-846 9040B FIELD									
pH	*	0	1.00		**6.81**		1	09/06/2023 14:08	R336100
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**456**	mg/L	1	09/12/2023 11:00	R336231
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	09/12/2023 11:00	R336231
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1860**	mg/L	1	09/08/2023 9:33	R336151
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		**920**	mg/L	20	09/12/2023 21:57	R336237
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.15**	mg/L	1	09/08/2023 15:11	R336108
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**14**	mg/L	1	09/12/2023 21:52	R336274
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**264**	mg/L	1	09/11/2023 16:42	211778
Magnesium	NELAP	0.0055	0.0500		**120**	mg/L	1	09/11/2023 16:42	211778
Potassium	NELAP	0.0400	0.100		**0.997**	mg/L	1	09/11/2023 16:42	211778
Sodium	NELAP	0.0180	0.0500		**122**	mg/L	1	09/11/2023 16:42	211778
Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:30	211778
Arsenic	NELAP	0.0004	0.0010	J	**0.0004**	mg/L	5	09/21/2023 2:30	211778
Barium	NELAP	0.0007	0.0010		**0.0233**	mg/L	5	09/21/2023 19:56	211778
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:30	211778
Boron	NELAP	0.0092	0.0250		**9.88**	mg/L	5	09/29/2023 12:52	211778
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:30	211778
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	09/21/2023 2:30	211778
Cobalt	NELAP	0.0001	0.0010	J	**0.0005**	mg/L	5	09/21/2023 2:30	211778
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:30	211778
Lithium	*	0.0015	0.0030		**0.0063**	mg/L	5	09/21/2023 2:30	211778
Molybdenum	*	0.0006	0.0015		**0.0045**	mg/L	5	09/21/2023 19:56	211778
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:30	211778
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	09/21/2023 2:30	211778

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-021 **Client Sample ID:** MW-28

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 14:08

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	09/12/2023 9:28	211858

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-022 **Client Sample ID:** MW-30

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 13:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**25.32**	ft	1	09/06/2023 13:09	R336100
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**9.7**	NTU	1	09/06/2023 13:09	R336100
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-86**	mV	1	09/06/2023 13:09	R336100
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1860**	µS/cm	1	09/06/2023 13:09	R336100
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.4**	°C	1	09/06/2023 13:09	R336100
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.74**	mg/L	1	09/06/2023 13:09	R336100
SW-846 9040B FIELD									
pH	*	0	1.00		**6.67**		1	09/06/2023 13:09	R336100
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**574**	mg/L	1	09/12/2023 11:07	R336231
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	09/12/2023 11:07	R336231
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**565**	mg/L	2.5	09/08/2023 9:34	R336151
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10	J	**6**	mg/L	1	09/12/2023 20:56	R336237
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.33**	mg/L	1	09/08/2023 15:13	R336108
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**41**	mg/L	1	09/12/2023 20:56	R336274
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100	S	**111**	mg/L	1	09/11/2023 16:54	211778
Magnesium	NELAP	0.0055	0.0500		**55.1**	mg/L	1	09/11/2023 16:54	211778
Potassium	NELAP	0.0400	0.100		**0.618**	mg/L	1	09/11/2023 16:54	211778
Sodium	NELAP	0.0180	0.0500		**44.9**	mg/L	1	09/11/2023 16:54	211778
Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
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	09/21/2023 3:11	211778
Arsenic	NELAP	0.0004	0.0010		**0.0068**	mg/L	5	09/21/2023 3:11	211778
Barium	NELAP	0.0007	0.0010		**0.164**	mg/L	5	09/21/2023 20:18	211778
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 3:11	211778
Boron	NELAP	0.0092	0.0250		**1.20**	mg/L	5	09/29/2023 13:20	211778
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 3:11	211778
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	09/21/2023 3:11	211778
Cobalt	NELAP	0.0001	0.0010		**0.0021**	mg/L	5	09/21/2023 3:11	211778
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 3:11	211778
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	09/21/2023 3:11	211778
Molybdenum	*	0.0006	0.0015		**0.0022**	mg/L	5	09/22/2023 19:16	211778
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 20:18	211778
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	09/21/2023 3:11	211778

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-022 **Client Sample ID:** MW-30

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 13:09

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	09/12/2023 9:35	211858

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-023 **Client Sample ID:** MW-31

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 11:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**32.72**	ft	1	09/06/2023 11:56	R336100
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**7.6**	NTU	1	09/06/2023 11:56	R336100
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-101**	mV	1	09/06/2023 11:56	R336100
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**1790**	µS/cm	1	09/06/2023 11:56	R336100
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.9**	°C	1	09/06/2023 11:56	R336100
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.93**	mg/L	1	09/06/2023 11:56	R336100
SW-846 9040B FIELD									
pH	*	0	1.00		**6.72**		1	09/06/2023 11:56	R336100
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**558**	mg/L	1	09/12/2023 11:14	R336231
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	09/12/2023 11:14	R336231
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50		**565**	mg/L	2.5	09/08/2023 9:34	R336151
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	09/12/2023 21:04	R336237
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.18**	mg/L	1	09/08/2023 15:15	R336108
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**44**	mg/L	1	09/12/2023 21:04	R336274
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**123**	mg/L	1	09/11/2023 16:43	211778
Magnesium	NELAP	0.0055	0.0500		**57.2**	mg/L	1	09/11/2023 16:43	211778
Potassium	NELAP	0.0400	0.100		**0.796**	mg/L	1	09/11/2023 16:43	211778
Sodium	NELAP	0.0180	0.0500		**24.1**	mg/L	1	09/11/2023 16:43	211778
Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:35	211778
Arsenic	NELAP	0.0004	0.0010		**0.0023**	mg/L	5	09/21/2023 2:35	211778
Barium	NELAP	0.0007	0.0010		**0.206**	mg/L	5	09/21/2023 20:01	211778
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:35	211778
Boron	NELAP	0.0092	0.0250		**0.224**	mg/L	5	09/29/2023 12:58	211778
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:35	211778
Chromium	NELAP	0.0007	0.0015	J	**0.0008**	mg/L	5	09/21/2023 2:35	211778
Cobalt	NELAP	0.0001	0.0010	J	**0.0009**	mg/L	5	09/21/2023 2:35	211778
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:35	211778
Lithium	*	0.0015	0.0030		**0.0037**	mg/L	5	09/21/2023 2:35	211778
Molybdenum	*	0.0006	0.0015	J	**0.0007**	mg/L	5	09/21/2023 20:01	211778
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:35	211778
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	09/21/2023 2:35	211778

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-023 **Client Sample ID:** MW-31

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 11:56

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	09/12/2023 9:37	211858

Laboratory Results

Teklab, Inc. Environmental Laboratory
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Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-024 **Client Sample ID:** MW-31S

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 12:29

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**21.46**	ft	1	09/06/2023 12:29	R336100
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**28**	NTU	1	09/06/2023 12:29	R336100
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-140**	mV	1	09/06/2023 12:29	R336100
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2210**	µS/cm	1	09/06/2023 12:29	R336100
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.8**	°C	1	09/06/2023 12:29	R336100
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**1.30**	mg/L	1	09/06/2023 12:29	R336100
SW-846 9040B FIELD									
pH	*	0	1.00		**6.71**		1	09/06/2023 12:29	R336100
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**155**	mg/L	1	09/11/2023 16:59	211778
Magnesium	NELAP	0.0055	0.0500		**78.9**	mg/L	1	09/11/2023 16:59	211778
Potassium	NELAP	0.0400	0.100		**0.990**	mg/L	1	09/11/2023 16:59	211778
Sodium	NELAP	0.0180	0.0500		**17.3**	mg/L	1	09/11/2023 16:59	211778
Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:40	211778
Arsenic	NELAP	0.0004	0.0010		**0.0182**	mg/L	5	09/21/2023 2:40	211778
Barium	NELAP	0.0007	0.0010		**0.254**	mg/L	5	09/21/2023 20:07	211778
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:40	211778
Boron	NELAP	0.0092	0.0250		**0.0362**	mg/L	5	09/29/2023 13:09	211778
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:40	211778
Chromium	NELAP	0.0007	0.0015	J	**0.0008**	mg/L	5	09/21/2023 2:40	211778
Cobalt	NELAP	0.0001	0.0010		**0.0041**	mg/L	5	09/22/2023 18:59	211778
Lead	NELAP	0.0006	0.0010		**0.0024**	mg/L	5	09/21/2023 2:40	211778
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	09/21/2023 2:40	211778
Molybdenum	*	0.0006	0.0015	J	**0.0014**	mg/L	5	09/21/2023 20:07	211778
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:40	211778
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	09/21/2023 2:40	211778
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	09/12/2023 9:40	211858

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-025 **Client Sample ID:** MW-32

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 11:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**25.45**	ft	1	09/06/2023 11:01	R336100
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**3.4**	NTU	1	09/06/2023 11:01	R336100
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**-22**	mV	1	09/06/2023 11:01	R336100
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2470**	µS/cm	1	09/06/2023 11:01	R336100
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**16.0**	°C	1	09/06/2023 11:01	R336100
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.70**	mg/L	1	09/06/2023 11:01	R336100
SW-846 9040B FIELD									
pH	*	0	1.00		**6.57**		1	09/06/2023 11:01	R336100
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**520**	mg/L	1	09/12/2023 11:22	R336231
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	09/12/2023 11:22	R336231
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**1050**	mg/L	1	09/08/2023 9:34	R336151
SW-846 9036 (TOTAL)									
Sulfate	NELAP	123	200		**340**	mg/L	20	09/12/2023 21:31	R336237
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.19**	mg/L	1	09/08/2023 15:16	R336108
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**10**	mg/L	1	09/12/2023 21:12	R336274
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**165**	mg/L	1	09/11/2023 17:01	211778
Magnesium	NELAP	0.0055	0.0500		**84.5**	mg/L	1	09/11/2023 17:01	211778
Potassium	NELAP	0.0400	0.100		**0.378**	mg/L	1	09/11/2023 17:01	211778
Sodium	NELAP	0.0180	0.0500		**59.1**	mg/L	1	09/11/2023 17:01	211778
Sample result(s) for Si exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:45	211778
Arsenic	NELAP	0.0004	0.0010	J	**0.0005**	mg/L	5	09/21/2023 2:45	211778
Barium	NELAP	0.0007	0.0010		**0.0518**	mg/L	5	09/21/2023 20:13	211778
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:45	211778
Boron	NELAP	0.0092	0.0250		**1.81**	mg/L	5	09/29/2023 13:14	211778
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:45	211778
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	09/21/2023 2:45	211778
Cobalt	NELAP	0.0001	0.0010	J	**0.0007**	mg/L	5	09/21/2023 2:45	211778
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:45	211778
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	09/21/2023 2:45	211778
Molybdenum	*	0.0006	0.0015		**< 0.0015**	mg/L	5	09/21/2023 20:13	211778
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/21/2023 2:45	211778
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	09/21/2023 2:45	211778

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-025 **Client Sample ID:** MW-32

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 11:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	09/12/2023 9:42	211858

Laboratory Results

Teklab, Inc.
Environmental Laboratory
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Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-032 **Client Sample ID:** XSG-01

Matrix: GROUNDWATER **Collection Date:** 09/05/2023 15:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**2.78**	ft	1	09/05/2023 15:05	R336100

Laboratory Results

Teklab, Inc.
Environmental Laboratory
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Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-033 **Client Sample ID:** YSG-02

Matrix: GROUNDWATER **Collection Date:** 09/05/2023 15:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**9.10**	ft	1	09/05/2023 15:22	R336100

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-034 **Client Sample ID:** Field Blank

Matrix: AQUEOUS **Collection Date:** 09/07/2023 13:58

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		**2**	mg/L	1	09/12/2023 11:28	R336231
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	09/12/2023 11:28	R336231
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**< 20**	mg/L	1	09/08/2023 12:10	R336151
SW-846 9036 (TOTAL)									
Sulfate	NELAP	6	10		**< 10**	mg/L	1	09/12/2023 21:35	R336237
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**< 0.10**	mg/L	1	09/08/2023 15:18	R336108
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**< 4**	mg/L	1	09/12/2023 21:36	R336274
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**< 0.100**	mg/L	1	09/11/2023 15:21	211803
Magnesium	NELAP	0.0055	0.0500		**< 0.0500**	mg/L	1	09/11/2023 15:21	211803
Potassium	NELAP	0.0400	0.100		**< 0.100**	mg/L	1	09/11/2023 15:21	211803
Sodium	NELAP	0.0180	0.0500		**< 0.0500**	mg/L	1	09/11/2023 15:21	211803
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/20/2023 22:54	211803
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/20/2023 22:54	211803
Barium	NELAP	0.0007	0.0010		**< 0.0010**	mg/L	5	09/22/2023 11:49	211803
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/20/2023 22:54	211803
Boron	NELAP	0.0092	0.025	J	**0.014**	mg/L	5	09/22/2023 11:49	211803
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/20/2023 22:54	211803
Chromium	NELAP	0.0007	0.0015		**0.0067**	mg/L	5	09/20/2023 22:54	211803
Cobalt	NELAP	0.0001	0.0010	J	**0.0003**	mg/L	5	09/20/2023 22:54	211803
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/20/2023 22:54	211803
Lithium	*	0.0015	0.0030		**< 0.0030**	mg/L	5	09/20/2023 22:54	211803
Molybdenum	*	0.0006	0.0015	J	**0.0007**	mg/L	5	09/22/2023 11:49	211803
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/20/2023 22:54	211803
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	09/20/2023 22:54	211803
Contamination present in the MBLK for Al. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.00006	0.00020		**< 0.00020**	mg/L	1	09/12/2023 9:49	211858

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-035 **Client Sample ID:** MW-08 Duplicate

Matrix: GROUNDWATER **Collection Date:** 09/07/2023 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		**9.80**	ft	1	09/07/2023 10:19	R336100
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		**1.8**	NTU	1	09/07/2023 10:19	R336100
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-300	-300		**32**	mV	1	09/07/2023 10:19	R336100
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		**2010**	µS/cm	1	09/07/2023 10:19	R336100
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		**15.0**	°C	1	09/07/2023 10:19	R336100
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		**0.57**	mg/L	1	09/07/2023 10:19	R336100
SW-846 9040B FIELD									
pH	*	0	1.00		**6.57**		1	09/07/2023 10:19	R336100
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO3)	NELAP	0	0		**458**	mg/L	1	09/12/2023 11:35	R336231
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO3)	NELAP	0	0		**0**	mg/L	1	09/12/2023 11:35	R336231
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		**840**	mg/L	1	09/08/2023 12:10	R336151
SW-846 9036 (TOTAL)									
Sulfate	NELAP	61	100		**204**	mg/L	10	09/12/2023 21:49	R336237
SW-846 9214 (TOTAL)									
Fluoride	NELAP	0.04	0.10		**0.22**	mg/L	1	09/08/2023 15:21	R336108
SW-846 9251 (TOTAL)									
Chloride	NELAP	1	4		**20**	mg/L	1	09/12/2023 21:44	R336274
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.0350	0.100		**152**	mg/L	1	09/12/2023 11:57	211803
Magnesium	NELAP	0.0055	0.0500		**71.9**	mg/L	1	09/12/2023 11:57	211803
Potassium	NELAP	0.0400	0.100		**0.538**	mg/L	1	09/11/2023 15:27	211803
Sodium	NELAP	0.0180	0.0500		**30.9**	mg/L	1	09/12/2023 11:57	211803
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/20/2023 22:59	211803
Arsenic	NELAP	0.0004	0.0010		**< 0.0010**	mg/L	5	09/20/2023 22:59	211803
Barium	NELAP	0.0007	0.0010		**0.0283**	mg/L	5	09/22/2023 12:34	211803
Beryllium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/20/2023 22:59	211803
Boron	NELAP	0.0092	0.0250		**1.00**	mg/L	5	09/22/2023 12:34	211803
Cadmium	NELAP	0.0002	0.0010		**< 0.0010**	mg/L	5	09/20/2023 22:59	211803
Chromium	NELAP	0.0007	0.0015		**< 0.0015**	mg/L	5	09/20/2023 22:59	211803
Cobalt	NELAP	0.0001	0.0010		**0.0015**	mg/L	5	09/22/2023 12:34	211803
Lead	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/20/2023 22:59	211803
Lithium	*	0.0015	0.0030	J	**0.0020**	mg/L	5	09/20/2023 22:59	211803
Molybdenum	*	0.0006	0.0015		**< 0.0015**	mg/L	5	09/22/2023 12:34	211803
Selenium	NELAP	0.0006	0.0010		**< 0.0010**	mg/L	5	09/20/2023 22:59	211803
Thallium	NELAP	0.0010	0.0020		**< 0.0020**	mg/L	5	09/20/2023 22:59	211803

Contamination present in the MBLK for Al and Cu. Sample results below the reporting limit are reportable per the TNI Standard.

Teklab, Inc. Environmental Laboratory

Laboratory Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081489-035 **Client Sample ID:** MW-08 Duplicate

Matrix: GROUNDWATER **Collection Date:** 09/07/2023 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	09/12/2023 9:53	211858

Teklab, Inc. Environmental Laboratory

Sample Summary

Client: Ramboll
Client Project: KIN-23Q3

Work Order: 23081489
Report Date: 13-Oct-23

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
23081489-001	MW-01	Groundwater	7	09/05/2023 12:43
23081489-002	MW-02	Groundwater	7	09/05/2023 12:20
23081489-003	MW-03	Groundwater	7	09/05/2023 14:14
23081489-005	MW-05	Groundwater	7	09/06/2023 11:32
23081489-006	MW-06	Groundwater	7	09/06/2023 13:44
23081489-007	MW-07	Groundwater	7	09/07/2023 9:50
23081489-008	MW-07S	Groundwater	6	09/07/2023 0:00
23081489-009	MW-08	Groundwater	7	09/07/2023 10:19
23081489-010	MW-08S	Groundwater	6	09/07/2023 0:00
23081489-013	MW-11	Groundwater	7	09/05/2023 13:09
23081489-014	MW-12	Groundwater	7	09/07/2023 9:19
23081489-015	MW-12S	Groundwater	1	09/05/2023 13:07
23081489-016	MW-12D	Groundwater	1	09/05/2023 13:17
23081489-017	MW-20	Groundwater	6	09/06/2023 9:45
23081489-018	MW-20S	Groundwater	6	09/06/2023 10:11
23081489-019	MW-23	Groundwater	6	09/05/2023 13:40
23081489-020	MW-27	Groundwater	6	09/07/2023 0:00
23081489-021	MW-28	Groundwater	6	09/06/2023 14:08
23081489-022	MW-30	Groundwater	6	09/06/2023 13:09
23081489-023	MW-31	Groundwater	6	09/06/2023 11:56
23081489-024	MW-31S	Groundwater	6	09/06/2023 12:29
23081489-025	MW-32	Groundwater	6	09/06/2023 11:01
23081489-027	PZ4C	Groundwater	6	09/06/2023 0:00
23081489-032	XSG-01	Groundwater	1	09/05/2023 15:05
23081489-033	YSG-02	Groundwater	1	09/05/2023 15:22
23081489-034	Field Blank	Aqueous	7	09/07/2023 13:58
23081489-035	MW-08 Duplicate	Groundwater	7	09/07/2023 10:19

Teklab, Inc. Environmental Laboratory

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
23081489-001A	MW-01	09/05/2023 12:43	09/05/2023 16:30		
	Ferrous Iron by CHEMets Kit				09/05/2023 12:43
	Field Elevation Measurements				09/05/2023 12:43
	Standard Methods 2130 B Field				09/05/2023 12:43
	Standard Methods 18th Ed. 2580 B Field				09/05/2023 12:43
	Standard Methods 2320 B (Total) 1997, 2011				09/12/2023 9:15
	Standard Methods 2320 B 1997, 2011				09/12/2023 9:15
	Standard Methods 2510 B Field				09/05/2023 12:43
	Standard Methods 2540 C (Total) 1997, 2011				09/07/2023 9:34
	Standard Methods 2550 B Field				09/05/2023 12:43
	Standard Methods 4500-NO2 B (Total) 2000, 2011				09/06/2023 18:41
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/06/2023 11:48
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/06/2023 11:48
	Standard Methods 4500-O G Field				09/05/2023 12:43
	Standard Methods 4500-P E 1999				09/06/2023 13:33
	Standard Methods 4500-P E 1999, 2011				09/06/2023 13:22
	SW-846 9036 (Total)				09/12/2023 18:03
	SW-846 9040B Field				09/05/2023 12:43
	SW-846 9214 (Total)				09/11/2023 9:11
	SW-846 9251 (Total)				09/12/2023 17:58
23081489-001B	MW-01	09/05/2023 12:43	09/05/2023 16:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 14:50
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 14:50
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				09/06/2023 18:34
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/06/2023 11:50
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/06/2023 11:50
	Standard Methods 4500-P E (Dissolved) 1999, 2011				09/06/2023 13:24
	Standard Methods 4500-P E (Dissolved) 1999				09/06/2023 13:33
	SW-846 9036 (Dissolved)				09/12/2023 14:22
	SW-846 9251 (Dissolved)				09/09/2023 1:03
23081489-001C	MW-01	09/05/2023 12:43	09/05/2023 16:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/06/2023 16:26	09/11/2023 17:07
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/21/2023 1:08
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/21/2023 17:17
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/22/2023 15:35
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/26/2023 2:34
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/27/2023 19:13
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/29/2023 9:34

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 7470A (Total)			09/08/2023 16:56	09/09/2023 9:36
23081489-001D	MW-01	09/05/2023 12:43	09/05/2023 16:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 8:45	09/11/2023 15:33
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 8:45	09/12/2023 10:32
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/02/2023 16:25
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/05/2023 8:39
23081489-001E	MW-01	09/05/2023 12:43	09/05/2023 16:30		
	SW-846 9012A (Total)			09/06/2023 15:35	09/07/2023 11:46
23081489-001F	MW-01	09/05/2023 12:43	09/05/2023 16:30		
	SW-846 9060A				09/08/2023 0:09
23081489-001G	MW-01	09/05/2023 12:43	09/05/2023 16:30		
	SW-846 9060A				09/08/2023 1:39
23081489-002A	MW-02	09/05/2023 12:20	09/05/2023 16:30		
	Ferrous Iron by CHEMets Kit				09/05/2023 12:20
	Field Elevation Measurements				09/05/2023 12:20
	Standard Methods 2130 B Field				09/05/2023 12:20
	Standard Methods 18th Ed. 2580 B Field				09/05/2023 12:20
	Standard Methods 2320 B (Total) 1997, 2011				09/12/2023 9:29
	Standard Methods 2320 B 1997, 2011				09/12/2023 9:29
	Standard Methods 2510 B Field				09/05/2023 12:20
	Standard Methods 2540 C (Total) 1997, 2011				09/07/2023 9:35
	Standard Methods 2550 B Field				09/05/2023 12:20
	Standard Methods 4500-NO2 B (Total) 2000, 2011				09/06/2023 18:42
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/06/2023 11:52
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/06/2023 11:52
	Standard Methods 4500-O G Field				09/05/2023 12:20
	Standard Methods 4500-P E 1999				09/06/2023 13:33
	Standard Methods 4500-P E 1999, 2011				09/06/2023 13:26
	SW-846 9036 (Total)				09/12/2023 18:11
	SW-846 9040B Field				09/05/2023 12:20
	SW-846 9214 (Total)				09/11/2023 9:14
	SW-846 9251 (Total)				09/12/2023 18:06
23081489-002B	MW-02	09/05/2023 12:20	09/05/2023 16:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 11:41
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 11:41
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				09/06/2023 18:35
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/06/2023 11:55

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/06/2023 11:55
	Standard Methods 4500-P E (Dissolved) 1999, 2011				09/06/2023 13:27
	Standard Methods 4500-P E (Dissolved) 1999				09/06/2023 13:33
	SW-846 9036 (Dissolved)				09/09/2023 1:43
	SW-846 9251 (Dissolved)				09/09/2023 1:25
23081489-002C	MW-02	09/05/2023 12:20	09/05/2023 16:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/06/2023 16:26	09/11/2023 17:18
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/21/2023 1:13
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/21/2023 17:23
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/22/2023 15:40
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/26/2023 2:41
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/27/2023 20:23
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/29/2023 11:04
	SW-846 7470A (Total)			09/08/2023 16:56	09/09/2023 9:38
23081489-002D	MW-02	09/05/2023 12:20	09/05/2023 16:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 8:45	09/11/2023 15:33
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 8:45	09/12/2023 10:33
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/02/2023 16:31
23081489-002E	MW-02	09/05/2023 12:20	09/05/2023 16:30		
	SW-846 9012A (Total)			09/06/2023 15:35	09/07/2023 11:50
23081489-002F	MW-02	09/05/2023 12:20	09/05/2023 16:30		
	SW-846 9060A				09/08/2023 1:14
23081489-002G	MW-02	09/05/2023 12:20	09/05/2023 16:30		
	SW-846 9060A				09/08/2023 1:44
23081489-003A	MW-03	09/05/2023 14:14	09/05/2023 16:30		
	Ferrous Iron by CHEMets Kit				09/05/2023 14:14
	Field Elevation Measurements				09/05/2023 14:14
	Standard Methods 2130 B Field				09/05/2023 14:14
	Standard Methods 18th Ed. 2580 B Field				09/05/2023 14:14
	Standard Methods 2320 B (Total) 1997, 2011				09/12/2023 9:39
	Standard Methods 2320 B 1997, 2011				09/12/2023 9:39
	Standard Methods 2510 B Field				09/05/2023 14:14
	Standard Methods 2540 C (Total) 1997, 2011				09/07/2023 10:14
	Standard Methods 2550 B Field				09/05/2023 14:14
	Standard Methods 4500-NO2 B (Total) 2000, 2011				09/06/2023 18:42
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/06/2023 11:57
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/06/2023 11:57

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	Standard Methods 4500-O G Field				09/05/2023 14:14
	Standard Methods 4500-P E 1999				09/06/2023 13:33
	Standard Methods 4500-P E 1999, 2011				09/06/2023 13:28
	SW-846 9036 (Total)				09/12/2023 18:27
	SW-846 9040B Field				09/05/2023 14:14
	SW-846 9214 (Total)				09/11/2023 9:15
	SW-846 9251 (Total)				09/12/2023 18:17
23081489-003B	MW-03	09/05/2023 14:14	09/05/2023 16:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 14:01
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 14:01
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				09/06/2023 18:36
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/06/2023 12:05
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/06/2023 12:05
	Standard Methods 4500-P E (Dissolved) 1999, 2011				09/06/2023 13:29
	Standard Methods 4500-P E (Dissolved) 1999				09/06/2023 13:33
	SW-846 9036 (Dissolved)				09/09/2023 1:51
	SW-846 9251 (Dissolved)				09/09/2023 1:46
23081489-003C	MW-03	09/05/2023 14:14	09/05/2023 16:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/06/2023 16:26	09/11/2023 17:19
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/21/2023 1:18
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/21/2023 17:29
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/22/2023 15:46
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/26/2023 3:50
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/27/2023 20:29
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/29/2023 11:09
	SW-846 7470A (Total)			09/08/2023 16:56	09/09/2023 9:40
23081489-003D	MW-03	09/05/2023 14:14	09/05/2023 16:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 8:45	09/11/2023 15:40
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/02/2023 16:37
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/03/2023 12:46
23081489-003E	MW-03	09/05/2023 14:14	09/05/2023 16:30		
	SW-846 9012A (Total)			09/06/2023 15:35	09/07/2023 11:54
23081489-003F	MW-03	09/05/2023 14:14	09/05/2023 16:30		
	SW-846 9060A				09/08/2023 1:20
23081489-003G	MW-03	09/05/2023 14:14	09/05/2023 16:30		
	SW-846 9060A				09/08/2023 1:50
23081489-005A	MW-05	09/06/2023 11:32	09/06/2023 16:05		

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	Ferrous Iron by CHEMets Kit				09/06/2023 11:32
	Field Elevation Measurements				09/06/2023 11:32
	Standard Methods 2130 B Field				09/06/2023 11:32
	Standard Methods 18th Ed. 2580 B Field				09/06/2023 11:32
	Standard Methods 2320 B (Total) 1997, 2011				09/12/2023 9:47
	Standard Methods 2320 B 1997, 2011				09/12/2023 9:47
	Standard Methods 2510 B Field				09/06/2023 11:32
	Standard Methods 2540 C (Total) 1997, 2011				09/08/2023 9:01
	Standard Methods 2550 B Field				09/06/2023 11:32
	Standard Methods 4500-NO2 B (Total) 2000, 2011				09/07/2023 16:34
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/07/2023 16:11
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/07/2023 16:11
	Standard Methods 4500-O G Field				09/06/2023 11:32
	Standard Methods 4500-P E 1999				09/08/2023 11:28
	Standard Methods 4500-P E 1999, 2011				09/07/2023 13:52
	SW-846 9036 (Total)				09/12/2023 18:59
	SW-846 9040B Field				09/06/2023 11:32
	SW-846 9214 (Total)				09/08/2023 14:47
	SW-846 9251 (Total)				09/12/2023 18:59
23081489-005B	MW-05	09/06/2023 11:32	09/06/2023 16:05		
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 14:07
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 14:07
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				09/07/2023 16:29
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/07/2023 16:48
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/07/2023 16:48
	Standard Methods 4500-P E (Dissolved) 1999, 2011				09/07/2023 13:52
	Standard Methods 4500-P E (Dissolved) 1999				09/08/2023 11:28
	SW-846 9036 (Dissolved)				09/09/2023 1:54
	SW-846 9251 (Dissolved)				09/09/2023 1:54
23081489-005C	MW-05	09/06/2023 11:32	09/06/2023 16:05		
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/07/2023 15:42	09/11/2023 16:35
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/21/2023 2:09
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/21/2023 18:42
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/22/2023 17:00
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/26/2023 0:09
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/27/2023 20:48
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/29/2023 11:26
	SW-846 7470A (Total)			09/08/2023 16:56	09/09/2023 9:54

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
23081489-005D	MW-05	09/06/2023 11:32	09/06/2023 16:05		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 8:45	09/11/2023 15:41
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/02/2023 16:42
23081489-005E	MW-05	09/06/2023 11:32	09/06/2023 16:05		
	SW-846 9012A (Total)			09/07/2023 14:10	09/08/2023 10:25
23081489-005F	MW-05	09/06/2023 11:32	09/06/2023 16:05		
	SW-846 9060A				09/11/2023 21:36
23081489-005G	MW-05	09/06/2023 11:32	09/06/2023 16:05		
	SW-846 9060A				09/11/2023 17:18
23081489-006A	MW-06	09/06/2023 13:44	09/06/2023 16:05		
	Ferrous Iron by CHEMets Kit				09/06/2023 13:44
	Field Elevation Measurements				09/06/2023 13:44
	Standard Methods 2130 B Field				09/06/2023 13:44
	Standard Methods 18th Ed. 2580 B Field				09/06/2023 13:44
	Standard Methods 2320 B (Total) 1997, 2011				09/12/2023 9:57
	Standard Methods 2320 B 1997, 2011				09/12/2023 9:57
	Standard Methods 2510 B Field				09/06/2023 13:44
	Standard Methods 2540 C (Total) 1997, 2011				09/08/2023 9:02
	Standard Methods 2550 B Field				09/06/2023 13:44
	Standard Methods 4500-NO2 B (Total) 2000, 2011				09/07/2023 16:35
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/07/2023 16:13
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/07/2023 16:13
	Standard Methods 4500-O G Field				09/06/2023 13:44
	Standard Methods 4500-P E 1999				09/08/2023 11:28
	Standard Methods 4500-P E 1999, 2011				09/07/2023 13:54
	SW-846 9036 (Total)				09/12/2023 19:06
	SW-846 9040B Field				09/06/2023 13:44
	SW-846 9214 (Total)				09/08/2023 14:49
	SW-846 9251 (Total)				09/12/2023 19:02
23081489-006B	MW-06	09/06/2023 13:44	09/06/2023 16:05		
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 14:19
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 14:19
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				09/07/2023 16:30
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/07/2023 16:50
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/07/2023 16:50
	Standard Methods 4500-P E (Dissolved) 1999, 2011				09/07/2023 13:55
	Standard Methods 4500-P E (Dissolved) 1999				09/08/2023 11:28

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 9036 (Dissolved)				09/09/2023 2:07
	SW-846 9251 (Dissolved)				09/09/2023 2:02
23081489-006C	MW-06	09/06/2023 13:44	09/06/2023 16:05		
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/07/2023 15:42	09/11/2023 16:37
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/21/2023 2:14
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/21/2023 18:48
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/22/2023 17:05
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/26/2023 0:15
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/27/2023 21:38
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/29/2023 11:31
	SW-846 7470A (Total)			09/08/2023 16:56	09/09/2023 9:56
23081489-006D	MW-06	09/06/2023 13:44	09/06/2023 16:05		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 8:45	09/11/2023 15:41
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/02/2023 16:53
23081489-006E	MW-06	09/06/2023 13:44	09/06/2023 16:05		
	SW-846 9012A (Total)			09/07/2023 14:10	09/08/2023 11:21
23081489-006F	MW-06	09/06/2023 13:44	09/06/2023 16:05		
	SW-846 9060A				09/11/2023 22:12
23081489-006G	MW-06	09/06/2023 13:44	09/06/2023 16:05		
	SW-846 9060A				09/11/2023 18:24
23081489-007A	MW-07	09/07/2023 9:50	09/07/2023 15:30		
	Ferrous Iron by CHEMets Kit				09/07/2023 9:50
	Field Elevation Measurements				09/07/2023 9:50
	Standard Methods 2130 B Field				09/07/2023 9:50
	Standard Methods 18th Ed. 2580 B Field				09/07/2023 9:50
	Standard Methods 2320 B (Total) 1997, 2011				09/12/2023 10:02
	Standard Methods 2320 B 1997, 2011				09/12/2023 10:02
	Standard Methods 2510 B Field				09/07/2023 9:50
	Standard Methods 2540 C (Total) 1997, 2011				09/08/2023 12:08
	Standard Methods 2550 B Field				09/07/2023 9:50
	Standard Methods 4500-NO2 B (Total) 2000, 2011				09/08/2023 20:01
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/08/2023 13:50
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/08/2023 13:50
	Standard Methods 4500-O G Field				09/07/2023 9:50
	Standard Methods 4500-P E 1999				09/08/2023 11:28
	Standard Methods 4500-P E 1999, 2011				09/08/2023 11:09
	SW-846 9036 (Total)				09/12/2023 19:15

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 9040B Field				09/07/2023 9:50
	SW-846 9214 (Total)				09/08/2023 14:51
	SW-846 9251 (Total)				09/12/2023 19:10
23081489-007B	MW-07	09/07/2023 9:50	09/07/2023 15:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 15:00
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 15:00
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				09/08/2023 19:54
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/08/2023 13:52
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/08/2023 13:52
	Standard Methods 4500-P E (Dissolved) 1999, 2011				09/08/2023 11:10
	Standard Methods 4500-P E (Dissolved) 1999				09/08/2023 11:28
	SW-846 9036 (Dissolved)				09/12/2023 14:38
	SW-846 9251 (Dissolved)				09/12/2023 14:33
23081489-007C	MW-07	09/07/2023 9:50	09/07/2023 15:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/08/2023 9:59	09/11/2023 13:51
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/20/2023 21:17
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/21/2023 12:58
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/22/2023 10:30
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/26/2023 4:09
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/27/2023 17:32
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/29/2023 11:25
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	10/02/2023 10:39
	SW-846 7470A (Total)			09/08/2023 16:56	09/09/2023 9:58
23081489-007D	MW-07	09/07/2023 9:50	09/07/2023 15:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 8:45	09/11/2023 15:44
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/02/2023 16:48
23081489-007E	MW-07	09/07/2023 9:50	09/07/2023 15:30		
	SW-846 9012A (Total)			09/08/2023 17:16	09/11/2023 12:30
23081489-007F	MW-07	09/07/2023 9:50	09/07/2023 15:30		
	SW-846 9060A				09/11/2023 22:16
23081489-007G	MW-07	09/07/2023 9:50	09/07/2023 15:30		
	SW-846 9060A				09/11/2023 18:30
23081489-009A	MW-08	09/07/2023 10:19	09/07/2023 15:30		
	Ferrous Iron by CHEMets Kit				09/07/2023 10:19
	Field Elevation Measurements				09/07/2023 10:19
	Standard Methods 2130 B Field				09/07/2023 10:19
	Standard Methods 18th Ed. 2580 B Field				09/07/2023 10:19

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	Standard Methods 2320 B (Total) 1997, 2011				09/12/2023 10:13
	Standard Methods 2320 B 1997, 2011				09/12/2023 10:13
	Standard Methods 2510 B Field				09/07/2023 10:19
	Standard Methods 2540 C (Total) 1997, 2011				09/08/2023 12:09
	Standard Methods 2550 B Field				09/07/2023 10:19
	Standard Methods 4500-NO2 B (Total) 2000, 2011				09/08/2023 20:01
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/08/2023 13:54
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/08/2023 13:54
	Standard Methods 4500-O G Field				09/07/2023 10:19
	Standard Methods 4500-P E 1999				09/08/2023 11:28
	Standard Methods 4500-P E 1999, 2011				09/08/2023 11:12
	SW-846 9036 (Total)				09/12/2023 19:23
	SW-846 9040B Field				09/07/2023 10:19
	SW-846 9214 (Total)				09/08/2023 14:53
	SW-846 9251 (Total)				09/12/2023 19:18
23081489-009B	MW-08	09/07/2023 10:19	09/07/2023 15:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 15:05
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 15:05
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				09/08/2023 19:55
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/08/2023 14:03
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/08/2023 14:03
	Standard Methods 4500-P E (Dissolved) 1999, 2011				09/08/2023 11:13
	Standard Methods 4500-P E (Dissolved) 1999				09/08/2023 11:28
	SW-846 9036 (Dissolved)				09/12/2023 14:45
	SW-846 9251 (Dissolved)				09/12/2023 14:41
23081489-009C	MW-08	09/07/2023 10:19	09/07/2023 15:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/08/2023 9:59	09/11/2023 13:52
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/20/2023 21:22
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/21/2023 13:03
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/21/2023 19:39
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/22/2023 11:16
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/26/2023 4:15
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/27/2023 17:38
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/29/2023 11:31
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	10/02/2023 10:45
	SW-846 7470A (Total)			09/08/2023 16:56	09/09/2023 10:00
23081489-009D	MW-08	09/07/2023 10:19	09/07/2023 15:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 8:45	09/11/2023 15:45

Teklab, Inc. Environmental Laboratory

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/02/2023 17:33
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/03/2023 11:04
23081489-009E	MW-08	09/07/2023 10:19	09/07/2023 15:30		
	SW-846 9012A (Total)			09/08/2023 17:16	09/11/2023 12:34
23081489-009F	MW-08	09/07/2023 10:19	09/07/2023 15:30		
	SW-846 9060A				09/11/2023 22:54
23081489-009G	MW-08	09/07/2023 10:19	09/07/2023 15:30		
	SW-846 9060A				09/11/2023 18:36
23081489-013A	MW-11	09/05/2023 13:09	09/05/2023 16:30		
	Ferrous Iron by CHEMets Kit				09/05/2023 13:09
	Field Elevation Measurements				09/05/2023 13:09
	Standard Methods 2130 B Field				09/05/2023 13:09
	Standard Methods 18th Ed. 2580 B Field				09/05/2023 13:09
	Standard Methods 2320 B (Total) 1997, 2011				09/12/2023 10:21
	Standard Methods 2320 B 1997, 2011				09/12/2023 10:21
	Standard Methods 2510 B Field				09/05/2023 13:09
	Standard Methods 2540 C (Total) 1997, 2011				09/07/2023 10:14
	Standard Methods 2550 B Field				09/05/2023 13:09
	Standard Methods 4500-NO2 B (Total) 2000, 2011				09/06/2023 18:44
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/06/2023 12:23
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/06/2023 12:23
	Standard Methods 4500-O G Field				09/05/2023 13:09
	Standard Methods 4500-P E 1999				09/06/2023 13:33
	Standard Methods 4500-P E 1999, 2011				09/06/2023 13:30
	SW-846 9036 (Total)				09/13/2023 13:54
	SW-846 9040B Field				09/05/2023 13:09
	SW-846 9214 (Total)				09/11/2023 9:19
	SW-846 9251 (Total)				09/12/2023 19:50
23081489-013B	MW-11	09/05/2023 13:09	09/05/2023 16:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 14:27
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 14:27
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				09/06/2023 18:36
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/06/2023 12:25
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/06/2023 12:25
	Standard Methods 4500-P E (Dissolved) 1999, 2011				09/06/2023 13:30
	Standard Methods 4500-P E (Dissolved) 1999				09/06/2023 13:33
	SW-846 9036 (Dissolved)				09/09/2023 2:14

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 9251 (Dissolved)				09/09/2023 2:10
23081489-013C	MW-11	09/05/2023 13:09	09/05/2023 16:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/06/2023 16:26	09/11/2023 17:21
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/21/2023 1:23
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/21/2023 18:31
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/22/2023 15:51
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/26/2023 3:56
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/27/2023 20:35
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/29/2023 11:15
	SW-846 7470A (Total)			09/11/2023 11:50	09/12/2023 9:13
23081489-013D	MW-11	09/05/2023 13:09	09/05/2023 16:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 8:45	09/11/2023 15:46
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/02/2023 17:39
23081489-013E	MW-11	09/05/2023 13:09	09/05/2023 16:30		
	SW-846 9012A (Total)			09/06/2023 15:35	09/07/2023 12:21
23081489-013F	MW-11	09/05/2023 13:09	09/05/2023 16:30		
	SW-846 9060A				09/08/2023 1:26
23081489-013G	MW-11	09/05/2023 13:09	09/05/2023 16:30		
	SW-846 9060A				09/08/2023 1:56
23081489-014A	MW-12	09/07/2023 9:19	09/07/2023 15:30		
	Ferrous Iron by CHEMets Kit				09/07/2023 9:19
	Field Elevation Measurements				09/07/2023 9:19
	Standard Methods 2130 B Field				09/07/2023 9:19
	Standard Methods 18th Ed. 2580 B Field				09/07/2023 9:19
	Standard Methods 2320 B (Total) 1997, 2011				09/12/2023 10:29
	Standard Methods 2320 B 1997, 2011				09/12/2023 10:29
	Standard Methods 2510 B Field				09/07/2023 9:19
	Standard Methods 2540 C (Total) 1997, 2011				09/08/2023 12:10
	Standard Methods 2550 B Field				09/07/2023 9:19
	Standard Methods 4500-NO2 B (Total) 2000, 2011				09/08/2023 20:02
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/08/2023 14:07
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/08/2023 14:07
	Standard Methods 4500-O G Field				09/07/2023 9:19
	Standard Methods 4500-P E 1999				09/08/2023 11:28
	Standard Methods 4500-P E 1999, 2011				09/08/2023 11:14
	SW-846 9036 (Total)				09/12/2023 20:16
	SW-846 9040B Field				09/07/2023 9:19

Teklab, Inc. Environmental Laboratory

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 9214 (Total)				09/08/2023 14:57
	SW-846 9251 (Total)				09/12/2023 20:11
23081489-014B	MW-12	09/07/2023 9:19	09/07/2023 15:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 15:11
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 15:11
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				09/08/2023 19:56
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/08/2023 14:09
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/08/2023 14:09
	Standard Methods 4500-P E (Dissolved) 1999, 2011				09/08/2023 11:15
	Standard Methods 4500-P E (Dissolved) 1999				09/08/2023 11:28
	SW-846 9036 (Dissolved)				09/12/2023 14:54
	SW-846 9251 (Dissolved)				09/12/2023 14:49
23081489-014C	MW-12	09/07/2023 9:19	09/07/2023 15:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/08/2023 9:59	09/11/2023 15:15
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/08/2023 9:59	09/12/2023 11:56
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/20/2023 21:32
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/21/2023 13:14
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/22/2023 11:27
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/26/2023 5:12
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/27/2023 18:42
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/29/2023 12:28
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	10/02/2023 10:56
	SW-846 7470A (Total)			09/11/2023 11:50	09/12/2023 9:15
23081489-014D	MW-12	09/07/2023 9:19	09/07/2023 15:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 8:45	09/11/2023 15:52
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/02/2023 17:44
23081489-014E	MW-12	09/07/2023 9:19	09/07/2023 15:30		
	SW-846 9012A (Total)			09/08/2023 17:16	09/11/2023 10:50
23081489-014F	MW-12	09/07/2023 9:19	09/07/2023 15:30		
	SW-846 9060A				09/11/2023 23:00
23081489-014G	MW-12	09/07/2023 9:19	09/07/2023 15:30		
	SW-846 9060A				09/11/2023 18:42
23081489-015A	MW-12S	09/05/2023 13:07	09/05/2023 16:30		
	Field Elevation Measurements				09/05/2023 13:07
23081489-016A	MW-12D	09/05/2023 13:17	09/05/2023 16:30		
	Field Elevation Measurements				09/05/2023 13:17

Teklab, Inc. Environmental Laboratory

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
23081489-017A	MW-20	09/06/2023 9:45	09/06/2023 16:05		
	Ferrous Iron by CHEMets Kit				09/06/2023 9:45
	Field Elevation Measurements				09/06/2023 9:45
	Standard Methods 2130 B Field				09/06/2023 9:45
	Standard Methods 18th Ed. 2580 B Field				09/06/2023 9:45
	Standard Methods 2320 B (Total) 1997, 2011				09/12/2023 10:33
	Standard Methods 2320 B 1997, 2011				09/12/2023 10:33
	Standard Methods 2510 B Field				09/06/2023 9:45
	Standard Methods 2540 C (Total) 1997, 2011				09/08/2023 9:33
	Standard Methods 2550 B Field				09/06/2023 9:45
	Standard Methods 4500-NO2 B (Total) 2000, 2011				09/07/2023 16:36
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/07/2023 16:15
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/07/2023 16:15
	Standard Methods 4500-O G Field				09/06/2023 9:45
	Standard Methods 4500-P E 1999				09/08/2023 11:28
	Standard Methods 4500-P E 1999, 2011				09/07/2023 14:06
	SW-846 9036 (Total)				09/12/2023 20:37
	SW-846 9040B Field				09/06/2023 9:45
	SW-846 9214 (Total)				09/08/2023 15:08
	SW-846 9251 (Total)				09/12/2023 20:19
23081489-017B	MW-20	09/06/2023 9:45	09/06/2023 16:05		
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 15:16
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 15:16
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				09/07/2023 16:31
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/07/2023 16:53
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/07/2023 16:53
	Standard Methods 4500-P E (Dissolved) 1999, 2011				09/07/2023 14:07
	Standard Methods 4500-P E (Dissolved) 1999				09/08/2023 11:28
	SW-846 9036 (Dissolved)				09/12/2023 15:15
	SW-846 9251 (Dissolved)				09/12/2023 14:57
23081489-017C	MW-20	09/06/2023 9:45	09/06/2023 16:05		
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/07/2023 15:42	09/11/2023 16:39
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/21/2023 2:19
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/21/2023 18:53
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/22/2023 17:11
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/26/2023 0:22
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/27/2023 21:45
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/29/2023 11:37

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 7470A (Total)			09/11/2023 11:50	09/12/2023 9:22
23081489-017D	MW-20	09/06/2023 9:45	09/06/2023 16:05		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 8:45	09/11/2023 15:53
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/02/2023 17:50
23081489-017E	MW-20	09/06/2023 9:45	09/06/2023 16:05		
	SW-846 9060A				09/11/2023 23:06
23081489-017F	MW-20	09/06/2023 9:45	09/06/2023 16:05		
	SW-846 9060A				09/11/2023 18:48
23081489-018A	MW-20S	09/06/2023 10:11	09/06/2023 16:05		
	Ferrous Iron by CHEMets Kit				09/06/2023 10:11
	Field Elevation Measurements				09/06/2023 10:11
	Standard Methods 2130 B Field				09/06/2023 10:11
	Standard Methods 18th Ed. 2580 B Field				09/06/2023 10:11
	Standard Methods 2320 B (Total) 1997, 2011				09/12/2023 10:40
	Standard Methods 2320 B 1997, 2011				09/12/2023 10:40
	Standard Methods 2510 B Field				09/06/2023 10:11
	Standard Methods 2540 C (Total) 1997, 2011				09/08/2023 9:33
	Standard Methods 2550 B Field				09/06/2023 10:11
	Standard Methods 4500-NO2 B (Total) 2000, 2011				09/07/2023 16:36
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/07/2023 16:24
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/07/2023 16:24
	Standard Methods 4500-O G Field				09/06/2023 10:11
	Standard Methods 4500-P E 1999				09/08/2023 11:28
	Standard Methods 4500-P E 1999, 2011				09/07/2023 14:10
	SW-846 9036 (Total)				09/12/2023 20:46
	SW-846 9040B Field				09/06/2023 10:11
	SW-846 9214 (Total)				09/08/2023 15:10
	SW-846 9251 (Total)				09/12/2023 20:40
23081489-018B	MW-20S	09/06/2023 10:11	09/06/2023 16:05		
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 14:30
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 14:30
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				09/07/2023 16:31
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/07/2023 16:55
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/07/2023 16:55
	Standard Methods 4500-P E (Dissolved) 1999, 2011				09/07/2023 14:10
	Standard Methods 4500-P E (Dissolved) 1999				09/08/2023 11:28
	SW-846 9036 (Dissolved)				09/09/2023 2:37

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 9251 (Dissolved)				09/09/2023 2:18
23081489-018C	MW-20S	09/06/2023 10:11	09/06/2023 16:05		
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/07/2023 15:42	09/11/2023 16:40
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/21/2023 2:25
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/21/2023 19:50
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/22/2023 17:16
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/26/2023 0:28
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/27/2023 21:51
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/29/2023 11:42
	SW-846 7470A (Total)			09/11/2023 11:50	09/12/2023 9:24
23081489-018D	MW-20S	09/06/2023 10:11	09/06/2023 16:05		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 8:45	09/11/2023 15:54
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/02/2023 17:55
23081489-018E	MW-20S	09/06/2023 10:11	09/06/2023 16:05		
	SW-846 9060A				09/11/2023 23:42
23081489-018F	MW-20S	09/06/2023 10:11	09/06/2023 16:05		
	SW-846 9060A				09/11/2023 19:54
23081489-019A	MW-23	09/05/2023 13:40	09/05/2023 16:30		
	Ferrous Iron by CHEMets Kit				09/05/2023 13:40
	Field Elevation Measurements				09/05/2023 13:40
	Standard Methods 2130 B Field				09/05/2023 13:40
	Standard Methods 18th Ed. 2580 B Field				09/05/2023 13:40
	Standard Methods 2320 B (Total) 1997, 2011				09/12/2023 10:46
	Standard Methods 2320 B 1997, 2011				09/12/2023 10:46
	Standard Methods 2510 B Field				09/05/2023 13:40
	Standard Methods 2540 C (Total) 1997, 2011				09/07/2023 10:14
	Standard Methods 2550 B Field				09/05/2023 13:40
	Standard Methods 4500-NO2 B (Total) 2000, 2011				09/06/2023 18:44
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/06/2023 12:28
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/06/2023 12:28
	Standard Methods 4500-O G Field				09/05/2023 13:40
	Standard Methods 4500-P E 1999				09/06/2023 13:33
	Standard Methods 4500-P E 1999, 2011				09/06/2023 13:32
	SW-846 9036 (Total)				09/12/2023 20:48
	SW-846 9040B Field				09/05/2023 13:40
	SW-846 9214 (Total)				09/11/2023 9:21
	SW-846 9251 (Total)				09/12/2023 20:48

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
23081489-019B	MW-23	09/05/2023 13:40	09/05/2023 16:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 14:38
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 14:38
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				09/06/2023 18:37
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/06/2023 12:30
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/06/2023 12:30
	Standard Methods 4500-P E (Dissolved) 1999, 2011				09/06/2023 13:32
	Standard Methods 4500-P E (Dissolved) 1999				09/06/2023 13:33
	SW-846 9036 (Dissolved)				09/09/2023 2:41
	SW-846 9251 (Dissolved)				09/09/2023 2:42
23081489-019C	MW-23	09/05/2023 13:40	09/05/2023 16:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/06/2023 16:26	09/11/2023 17:22
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/21/2023 1:28
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/21/2023 18:37
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/22/2023 15:57
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/26/2023 4:03
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/27/2023 20:42
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/06/2023 16:26	09/29/2023 11:20
	SW-846 7470A (Total)			09/11/2023 11:50	09/12/2023 9:26
23081489-019D	MW-23	09/05/2023 13:40	09/05/2023 16:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 8:45	09/11/2023 15:55
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/02/2023 18:01
23081489-019E	MW-23	09/05/2023 13:40	09/05/2023 16:30		
	SW-846 9060A				09/08/2023 1:33
23081489-019F	MW-23	09/05/2023 13:40	09/05/2023 16:30		
	SW-846 9060A				09/08/2023 2:03
23081489-021A	MW-28	09/06/2023 14:08	09/06/2023 16:05		
	Ferrous Iron by CHEMets Kit				09/06/2023 14:08
	Field Elevation Measurements				09/06/2023 14:08
	Standard Methods 2130 B Field				09/06/2023 14:08
	Standard Methods 18th Ed. 2580 B Field				09/06/2023 14:08
	Standard Methods 2320 B (Total) 1997, 2011				09/12/2023 11:00
	Standard Methods 2320 B 1997, 2011				09/12/2023 11:00
	Standard Methods 2510 B Field				09/06/2023 14:08
	Standard Methods 2540 C (Total) 1997, 2011				09/08/2023 9:33
	Standard Methods 2550 B Field				09/06/2023 14:08
	Standard Methods 4500-NO2 B (Total) 2000, 2011				09/07/2023 16:37

Teklab, Inc. Environmental Laboratory

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/07/2023 16:26
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/07/2023 16:26
	Standard Methods 4500-O G Field				09/06/2023 14:08
	Standard Methods 4500-P E 1999				09/08/2023 11:28
	Standard Methods 4500-P E 1999, 2011				09/07/2023 14:11
	SW-846 9036 (Total)				09/12/2023 21:57
	SW-846 9040B Field				09/06/2023 14:08
	SW-846 9214 (Total)				09/08/2023 15:11
	SW-846 9251 (Total)				09/12/2023 21:52
23081489-021B	MW-28	09/06/2023 14:08	09/06/2023 16:05		
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 14:42
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 14:42
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				09/07/2023 16:31
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/07/2023 17:04
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/07/2023 17:04
	Standard Methods 4500-P E (Dissolved) 1999, 2011				09/07/2023 14:12
	Standard Methods 4500-P E (Dissolved) 1999				09/08/2023 11:28
	SW-846 9036 (Dissolved)				09/09/2023 2:50
	SW-846 9251 (Dissolved)				09/09/2023 2:45
23081489-021C	MW-28	09/06/2023 14:08	09/06/2023 16:05		
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/07/2023 15:42	09/11/2023 16:42
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/21/2023 2:30
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/21/2023 19:56
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/22/2023 17:22
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/26/2023 0:34
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/27/2023 21:57
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/29/2023 12:52
	SW-846 7470A (Total)			09/11/2023 11:50	09/12/2023 9:28
23081489-021D	MW-28	09/06/2023 14:08	09/06/2023 16:05		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 8:45	09/11/2023 15:56
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/02/2023 18:06
23081489-021E	MW-28	09/06/2023 14:08	09/06/2023 16:05		
	SW-846 9060A				09/11/2023 23:48
23081489-021F	MW-28	09/06/2023 14:08	09/06/2023 16:05		
	SW-846 9060A				09/11/2023 20:00
23081489-022A	MW-30	09/06/2023 13:09	09/06/2023 16:05		
	Ferrous Iron by CHEMets Kit				09/06/2023 13:09

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	Field Elevation Measurements				09/06/2023 13:09
	Standard Methods 2130 B Field				09/06/2023 13:09
	Standard Methods 18th Ed. 2580 B Field				09/06/2023 13:09
	Standard Methods 2320 B (Total) 1997, 2011				09/12/2023 11:07
	Standard Methods 2320 B 1997, 2011				09/12/2023 11:07
	Standard Methods 2510 B Field				09/06/2023 13:09
	Standard Methods 2540 C (Total) 1997, 2011				09/08/2023 9:34
	Standard Methods 2550 B Field				09/06/2023 13:09
	Standard Methods 4500-NO2 B (Total) 2000, 2011				09/07/2023 16:37
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/07/2023 16:28
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/07/2023 16:28
	Standard Methods 4500-O G Field				09/06/2023 13:09
	Standard Methods 4500-P E 1999				09/08/2023 11:28
	Standard Methods 4500-P E 1999, 2011				09/08/2023 10:21
	SW-846 9036 (Total)				09/12/2023 20:56
	SW-846 9040B Field				09/06/2023 13:09
	SW-846 9214 (Total)				09/08/2023 15:13
	SW-846 9251 (Total)				09/12/2023 20:56
23081489-022B	MW-30	09/06/2023 13:09	09/06/2023 16:05		
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 15:19
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 15:19
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				09/07/2023 16:32
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/07/2023 17:06
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/07/2023 17:06
	Standard Methods 4500-P E (Dissolved) 1999, 2011				09/08/2023 10:22
	Standard Methods 4500-P E (Dissolved) 1999				09/08/2023 11:28
	SW-846 9036 (Dissolved)				09/12/2023 15:21
	SW-846 9251 (Dissolved)				09/12/2023 15:21
23081489-022C	MW-30	09/06/2023 13:09	09/06/2023 16:05		
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/07/2023 15:42	09/11/2023 16:54
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/21/2023 3:11
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/21/2023 20:18
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/22/2023 19:16
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/26/2023 0:41
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/27/2023 22:23
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/29/2023 13:20
	SW-846 7470A (Total)			09/11/2023 11:50	09/12/2023 9:35
23081489-022D	MW-30	09/06/2023 13:09	09/06/2023 16:05		

Teklab, Inc. Environmental Laboratory

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 8:45	09/11/2023 15:56
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/02/2023 19:09
23081489-022E	MW-30	09/06/2023 13:09	09/06/2023 16:05		
	SW-846 9060A				09/12/2023 0:24
23081489-022F	MW-30	09/06/2023 13:09	09/06/2023 16:05		
	SW-846 9060A				09/11/2023 20:06
23081489-023A	MW-31	09/06/2023 11:56	09/06/2023 16:05		
	Ferrous Iron by CHEMets Kit				09/06/2023 11:56
	Field Elevation Measurements				09/06/2023 11:56
	Standard Methods 2130 B Field				09/06/2023 11:56
	Standard Methods 18th Ed. 2580 B Field				09/06/2023 11:56
	Standard Methods 2320 B (Total) 1997, 2011				09/12/2023 11:14
	Standard Methods 2320 B 1997, 2011				09/12/2023 11:14
	Standard Methods 2510 B Field				09/06/2023 11:56
	Standard Methods 2540 C (Total) 1997, 2011				09/08/2023 9:34
	Standard Methods 2550 B Field				09/06/2023 11:56
	Standard Methods 4500-NO2 B (Total) 2000, 2011				09/07/2023 16:38
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/07/2023 16:31
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/07/2023 16:31
	Standard Methods 4500-O G Field				09/06/2023 11:56
	Standard Methods 4500-P E 1999				09/08/2023 11:28
	Standard Methods 4500-P E 1999, 2011				09/08/2023 10:23
	SW-846 9036 (Total)				09/12/2023 21:04
	SW-846 9040B Field				09/06/2023 11:56
	SW-846 9214 (Total)				09/08/2023 15:15
	SW-846 9251 (Total)				09/12/2023 21:04
23081489-023B	MW-31	09/06/2023 11:56	09/06/2023 16:05		
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 15:27
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 15:27
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				09/07/2023 16:33
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/07/2023 17:08
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/07/2023 17:08
	Standard Methods 4500-P E (Dissolved) 1999, 2011				09/08/2023 10:24
	Standard Methods 4500-P E (Dissolved) 1999				09/08/2023 11:28
	SW-846 9036 (Dissolved)				09/12/2023 15:42
	SW-846 9251 (Dissolved)				09/12/2023 15:42
23081489-023C	MW-31	09/06/2023 11:56	09/06/2023 16:05		

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/07/2023 15:42	09/11/2023 16:43
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/21/2023 2:35
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/21/2023 20:01
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/22/2023 18:53
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/26/2023 2:15
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/27/2023 22:04
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/29/2023 12:58
	SW-846 7470A (Total)			09/11/2023 11:50	09/12/2023 9:37
23081489-023D	MW-31	09/06/2023 11:56	09/06/2023 16:05		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 8:45	09/11/2023 16:04
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/02/2023 18:12
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/04/2023 13:52
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/05/2023 8:43
23081489-023E	MW-31	09/06/2023 11:56	09/06/2023 16:05		
	SW-846 9060A				09/12/2023 0:31
23081489-023F	MW-31	09/06/2023 11:56	09/06/2023 16:05		
	SW-846 9060A				09/11/2023 20:13
23081489-024A	MW-31S	09/06/2023 12:29	09/06/2023 16:05		
	Ferrous Iron by CHEMets Kit				09/06/2023 12:29
	Field Elevation Measurements				09/06/2023 12:29
	Standard Methods 2130 B Field				09/06/2023 12:29
	Standard Methods 18th Ed. 2580 B Field				09/06/2023 12:29
	Standard Methods 2510 B Field				09/06/2023 12:29
	Standard Methods 2550 B Field				09/06/2023 12:29
	Standard Methods 4500-O G Field				09/06/2023 12:29
	SW-846 9040B Field				09/06/2023 12:29
23081489-024B	MW-31S	09/06/2023 12:29	09/06/2023 16:05		
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 15:36
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 15:36
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				09/07/2023 16:33
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/07/2023 17:24
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/07/2023 17:24
	Standard Methods 4500-P E (Dissolved) 1999, 2011				09/08/2023 10:25
	Standard Methods 4500-P E (Dissolved) 1999				09/08/2023 11:28
	SW-846 9036 (Dissolved)				09/12/2023 15:50
	SW-846 9251 (Dissolved)				09/12/2023 15:50
23081489-024C	MW-31S	09/06/2023 12:29	09/06/2023 16:05		

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/07/2023 15:42	09/11/2023 16:59
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/21/2023 2:40
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/21/2023 20:07
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/22/2023 18:59
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/26/2023 2:22
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/27/2023 22:10
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/28/2023 9:02
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/29/2023 13:03
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/29/2023 13:09
	SW-846 7470A (Total)			09/11/2023 11:50	09/12/2023 9:40
23081489-024D	MW-31S	09/06/2023 12:29	09/06/2023 16:05		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 9:47	09/12/2023 10:21
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 9:47	10/02/2023 19:31
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 9:47	10/05/2023 8:35
23081489-024E	MW-31S	09/06/2023 12:29	09/06/2023 16:05		
	SW-846 9060A				09/12/2023 0:54
23081489-024F	MW-31S	09/06/2023 12:29	09/06/2023 16:05		
	SW-846 9060A				09/15/2023 11:23
23081489-025A	MW-32	09/06/2023 11:01	09/06/2023 16:05		
	Ferrous Iron by CHEMets Kit				09/06/2023 11:01
	Field Elevation Measurements				09/06/2023 11:01
	Standard Methods 2130 B Field				09/06/2023 11:01
	Standard Methods 18th Ed. 2580 B Field				09/06/2023 11:01
	Standard Methods 2320 B (Total) 1997, 2011				09/12/2023 11:22
	Standard Methods 2320 B 1997, 2011				09/12/2023 11:22
	Standard Methods 2510 B Field				09/06/2023 11:01
	Standard Methods 2540 C (Total) 1997, 2011				09/08/2023 9:34
	Standard Methods 2550 B Field				09/06/2023 11:01
	Standard Methods 4500-NO2 B (Total) 2000, 2011				09/07/2023 16:39
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/07/2023 16:46
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/07/2023 16:46
	Standard Methods 4500-O G Field				09/06/2023 11:01
	Standard Methods 4500-P E 1999				09/08/2023 11:28
	Standard Methods 4500-P E 1999, 2011				09/07/2023 14:18
	SW-846 9036 (Total)				09/12/2023 21:31
	SW-846 9040B Field				09/06/2023 11:01
	SW-846 9214 (Total)				09/08/2023 15:16

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 9251 (Total)				09/12/2023 21:12
23081489-025B	MW-32	09/06/2023 11:01	09/06/2023 16:05		
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 15:43
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 15:43
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				09/07/2023 16:34
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/07/2023 17:26
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/07/2023 17:26
	Standard Methods 4500-P E (Dissolved) 1999, 2011				09/07/2023 14:19
	Standard Methods 4500-P E (Dissolved) 1999				09/08/2023 11:28
	SW-846 9036 (Dissolved)				09/09/2023 3:06
	SW-846 9251 (Dissolved)				09/09/2023 2:55
23081489-025C	MW-32	09/06/2023 11:01	09/06/2023 16:05		
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/07/2023 15:42	09/11/2023 17:01
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/21/2023 2:45
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/21/2023 20:13
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/22/2023 19:04
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/26/2023 2:28
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/27/2023 22:16
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/07/2023 15:42	09/29/2023 13:14
	SW-846 7470A (Total)			09/11/2023 11:50	09/12/2023 9:42
23081489-025D	MW-32	09/06/2023 11:01	09/06/2023 16:05		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 8:45	09/11/2023 15:57
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 8:45	10/02/2023 19:15
23081489-025E	MW-32	09/06/2023 11:01	09/06/2023 16:05		
	SW-846 9060A				09/12/2023 1:11
23081489-025F	MW-32	09/06/2023 11:01	09/06/2023 16:05		
	SW-846 9060A				09/11/2023 20:24
23081489-032A	XSG-01	09/05/2023 15:05	09/05/2023 16:30		
	Field Elevation Measurements				09/05/2023 15:05
23081489-033A	YSG-02	09/05/2023 15:22	09/05/2023 16:30		
	Field Elevation Measurements				09/05/2023 15:22
23081489-034A	Field Blank	09/07/2023 13:58	09/07/2023 15:30		
	Standard Methods 2320 B (Total) 1997, 2011				09/12/2023 11:28
	Standard Methods 2320 B 1997, 2011				09/12/2023 11:28
	Standard Methods 2540 C (Total) 1997, 2011				09/08/2023 12:10
	Standard Methods 4500-NO2 B (Total) 2000, 2011				09/08/2023 20:05
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/08/2023 15:02

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/08/2023 15:02
	Standard Methods 4500-P E 1999				09/08/2023 11:28
	Standard Methods 4500-P E 1999, 2011				09/08/2023 11:22
	SW-846 9036 (Total)				09/12/2023 21:35
	SW-846 9214 (Total)				09/08/2023 15:18
	SW-846 9251 (Total)				09/12/2023 21:36
23081489-034B	Field Blank	09/07/2023 13:58	09/07/2023 15:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 16:12
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 16:12
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				09/08/2023 20:00
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/08/2023 15:05
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/08/2023 15:05
	Standard Methods 4500-P E (Dissolved) 1999, 2011				09/08/2023 11:24
	Standard Methods 4500-P E (Dissolved) 1999				09/08/2023 11:28
	SW-846 9036 (Dissolved)				09/12/2023 17:13
	SW-846 9251 (Dissolved)				09/12/2023 17:12
23081489-034C	Field Blank	09/07/2023 13:58	09/07/2023 15:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/08/2023 9:59	09/11/2023 15:21
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/20/2023 22:54
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/21/2023 14:33
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/22/2023 11:49
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/26/2023 5:37
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/27/2023 19:00
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/29/2023 13:00
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	10/02/2023 12:57
	SW-846 7470A (Total)			09/11/2023 11:50	09/12/2023 9:49
23081489-034D	Field Blank	09/07/2023 13:58	09/07/2023 15:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 9:06	09/12/2023 10:29
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 9:06	10/03/2023 13:03
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 9:06	10/05/2023 8:59
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 9:06	10/06/2023 8:13
	SW-846 7470A (Dissolved)			09/11/2023 11:50	09/12/2023 9:51
23081489-034E	Field Blank	09/07/2023 13:58	09/07/2023 15:30		
	SW-846 9012A (Total)			09/08/2023 17:16	09/11/2023 12:43
23081489-034F	Field Blank	09/07/2023 13:58	09/07/2023 15:30		
	SW-846 9060A				09/12/2023 2:12
23081489-034G	Field Blank	09/07/2023 13:58	09/07/2023 15:30		

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 9060A				09/11/2023 21:23
23081489-035A	MW-08 Duplicate	09/07/2023 10:19	09/07/2023 15:30		
	Ferrous Iron by CHEMets Kit				09/07/2023 10:19
	Field Elevation Measurements				09/07/2023 10:19
	Standard Methods 2130 B Field				09/07/2023 10:19
	Standard Methods 18th Ed. 2580 B Field				09/07/2023 10:19
	Standard Methods 2320 B (Total) 1997, 2011				09/12/2023 11:35
	Standard Methods 2320 B 1997, 2011				09/12/2023 11:35
	Standard Methods 2510 B Field				09/07/2023 10:19
	Standard Methods 2540 C (Total) 1997, 2011				09/08/2023 12:10
	Standard Methods 2550 B Field				09/07/2023 10:19
	Standard Methods 4500-NO2 B (Total) 2000, 2011				09/08/2023 20:06
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/08/2023 15:07
	Standard Methods 4500-NO3 F (Total) 2000, 2011				09/08/2023 15:07
	Standard Methods 4500-O G Field				09/07/2023 10:19
	Standard Methods 4500-P E 1999				09/08/2023 11:28
	Standard Methods 4500-P E 1999, 2011				09/08/2023 11:26
	SW-846 9036 (Total)				09/12/2023 21:49
	SW-846 9040B Field				09/07/2023 10:19
	SW-846 9214 (Total)				09/08/2023 15:21
	SW-846 9251 (Total)				09/12/2023 21:44
23081489-035B	MW-08 Duplicate	09/07/2023 10:19	09/07/2023 15:30		
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 16:18
	Standard Methods 2320 B (Dissolved) 1997, 2011				09/12/2023 16:18
	Standard Methods 4500-NO2 B (Dissolved) 2000, 2011				09/08/2023 20:01
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/08/2023 15:09
	Standard Methods 4500-NO3 F (Dissolved) 2000, 2011				09/08/2023 15:09
	Standard Methods 4500-P E (Dissolved) 1999, 2011				09/08/2023 11:27
	Standard Methods 4500-P E (Dissolved) 1999				09/08/2023 11:28
	SW-846 9036 (Dissolved)				09/12/2023 17:34
	SW-846 9251 (Dissolved)				09/12/2023 17:23
23081489-035C	MW-08 Duplicate	09/07/2023 10:19	09/07/2023 15:30		
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/08/2023 9:59	09/11/2023 15:27
	SW-846 3005A, 6010B, Metals by ICP (Total)			09/08/2023 9:59	09/12/2023 11:57
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/20/2023 22:59
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/21/2023 14:39
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/21/2023 19:45
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/22/2023 12:34

Dates Report

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/26/2023 5:44
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/27/2023 19:07
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	09/29/2023 14:16
	SW-846 3005A, 6020A, Metals by ICPMS (Total)			09/08/2023 9:59	10/02/2023 13:03
	SW-846 7470A (Total)			09/11/2023 11:50	09/12/2023 9:53
23081489-035D	MW-08 Duplicate	09/07/2023 10:19	09/07/2023 15:30		
	SW-846 3005A, 6010B, Metals by ICP (Dissolved)			09/11/2023 9:06	09/12/2023 10:31
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 9:06	10/02/2023 19:48
	SW-846 3005A, 6020A, Metals by ICPMS (Dissolved)			09/11/2023 9:06	10/03/2023 12:35
23081489-035E	MW-08 Duplicate	09/07/2023 10:19	09/07/2023 15:30		
	SW-846 9012A (Total)			09/08/2023 17:16	09/11/2023 12:48
23081489-035F	MW-08 Duplicate	09/07/2023 10:19	09/07/2023 15:30		
	SW-846 9060A				09/12/2023 2:15
23081489-035G	MW-08 Duplicate	09/07/2023 10:19	09/07/2023 15:30		
	SW-846 9060A				09/11/2023 21:30

Teklab, Inc.
Environmental Laboratory

Quality Control Results

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Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

STANDARD METHODS 2510 B FIELD

Batch R336100 **SampType:** LCS Units **µS/cm**
SampID: LCS-1

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	09/05/2023

Batch R336100 **SampType:** LCS Units **µS/cm**
SampID: LCS-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.0	90	110	09/06/2023

Batch R336100 **SampType:** LCS Units **µS/cm**
SampID: LCS-3

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field	*	0		**1410**	1412	0	100.0	90	110	09/07/2023

SW-846 9040B FIELD

Batch R336100 **SampType:** LCS Units
SampID: LCS-1

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	09/05/2023

Batch R336100 **SampType:** LCS Units
SampID: LCS-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.00**	7.000	0	100.0	98.57	101.4	09/06/2023

Batch R336100 **SampType:** LCS Units
SampID: LCS-3

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
pH	*	1.00		**7.00**	7.000	0	100.0	98.57	101.4	09/07/2023

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R336096 **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	09/07/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R336096 **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		**958**	1000	0	95.8	90	110	09/07/2023

Batch R336096 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 23081489-001ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**336**				352.0	4.65	09/07/2023

Batch R336151 **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	09/08/2023
Total Dissolved Solids		20		**< 20**	16.00	0	0	-100	100	09/08/2023

Batch R336151 **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		**958**	1000	0	95.8	90	110	09/08/2023
Total Dissolved Solids		20		**964**	1000	0	96.4	90	110	09/08/2023

Batch R336151 **SampType:** DUP Units **mg/L** RPD Limit **10**
SampID: 23081489-005ADUP

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		**736**				732.0	0.54	09/08/2023

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

Batch R335987 **SampType:** MS Units **mg/L**
SampID: 23081489-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.54**	0.5000	0	109.0	85	115	09/06/2023

Batch R335987 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.54**	0.5000	0	108.2	0.5450	0.74	09/06/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch R335987 **SampType:** MS Units **mg/L**
SampID: 23081489-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.54**	0.5000	0	108.0	85	115	09/06/2023

Batch R335987 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.54**	0.5000	0	107.8	0.5400	0.19	09/06/2023

Batch R335987 **SampType:** MS Units **mg/L**
SampID: 23081489-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.54**	0.5000	0	107.2	85	115	09/07/2023

Batch R335987 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.53**	0.5000	0	106.6	0.5360	0.56	09/07/2023

Batch R335987 **SampType:** MS Units **mg/L**
SampID: 23081489-006BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.54**	0.5000	0	108.6	85	115	09/07/2023

Batch R335987 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-006BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.54**	0.5000	0	108.0	0.5430	0.55	09/07/2023

Batch R336109 **SampType:** MS Units **mg/L**
SampID: 23081489-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.54**	0.5000	0	107.8	85	115	09/08/2023

Batch R336109 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.54**	0.5000	0	107.2	0.5390	0.56	09/08/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch R336109 **SampType:** MS Units **mg/L**
SampID: 23081489-009BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.53**	0.5000	0	106.0	85	115	09/08/2023

Batch R336109 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-009BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.53**	0.5000	0	106.6	0.5300	0.56	09/08/2023

Batch R336109 **SampType:** MS Units **mg/L**
SampID: 23081489-014BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.53**	0.5000	0	106.0	85	115	09/08/2023

Batch R336109 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-014BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		**0.53**	0.5000	0	106.6	0.5300	0.56	09/08/2023

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

Batch R335987 **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	09/06/2023
Nitrogen, Nitrite (as N)		0.05		**< 0.05**	0.0250	0	0	-100	100	09/06/2023

Batch R335987 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.25		**1.31**	1.250	0	104.8	90	110	09/06/2023
Nitrogen, Nitrite (as N)		0.25		**1.31**	1.250	0	104.8	90	110	09/06/2023

Batch R336109 **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	09/08/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch R336109 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.25		**1.31**	1.250	0	104.8	90	110	09/08/2023

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

Batch R335980 **SampType:** MS Units **mg/L**
SampID: 23081489-019BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.344**	0.2500	0.08300	104.4	85	115	09/06/2023

Batch R335980 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-019BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.342**	0.2500	0.08300	103.6	0.3440	0.58	09/06/2023

Batch R336058 **SampType:** MS Units **mg/L**
SampID: 23081489-018BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.246**	0.2500	0	98.4	85	115	09/07/2023

Batch R336058 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-018BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.247**	0.2500	0	98.8	0.2460	0.41	09/07/2023

Batch R336119 **SampType:** MS Units **mg/L**
SampID: 23081489-029BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	**0.252**	0.2500	0.04400	83.2	85	115	09/08/2023

Batch R336119 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-029BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	**0.252**	0.2500	0.04400	83.2	0.2520	0.00	09/08/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch R335980 **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**						09/06/2023
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	09/06/2023

Batch R335980 **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		**0.515**	0.5000	0	103.0	90	110	09/06/2023

Batch R335980 **SampType:** MS Units **mg/L**
SampID: 23081489-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.423**	0.2500	0.1660	102.8	85	115	09/06/2023

Batch R335980 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.419**	0.2500	0.1660	101.2	0.4230	0.95	09/06/2023

Batch R336058 **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**						09/07/2023
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	09/07/2023

Batch R336058 **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		**0.515**	0.5000	0	103.0	90	110	09/07/2023

Batch R336058 **SampType:** MS Units **mg/L**
SampID: 23081489-017AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.337**	0.2500	0.08900	99.2	85	115	09/07/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch R336058 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-017AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.340**	0.2500	0.08900	100.4	0.3370	0.89	09/07/2023

Batch R336119 **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**						09/08/2023
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	09/08/2023

Batch R336119 **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		**0.516**	0.5000	0	103.2	90	110	09/08/2023

Batch R336119 **SampType:** MS Units **mg/L**
SampID: 23081489-009AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.452**	0.2500	0.1940	103.2	85	115	09/08/2023

Batch R336119 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-009AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.452**	0.2500	0.1940	103.2	0.4520	0.00	09/08/2023

Batch R336219 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**< 0.050**	0.0090	0	0	-100	100	09/11/2023

Batch R336219 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		**0.512**	0.5000	0	102.4	90	110	09/11/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch R336011 **SampType:** MS Units **mg/L**
SampID: 23081489-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.050**	0.0500	0	100.0	85	115	09/06/2023

Batch R336011 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.049**	0.0500	0	98.0	0.05000	2.02	09/06/2023

Batch R336090 **SampType:** MS Units **mg/L**
SampID: 23081489-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.045**	0.0500	0	90.0	85	115	09/07/2023

Batch R336090 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.049**	0.0500	0	98.0	0.04500	8.51	09/07/2023

Batch R336090 **SampType:** MS Units **mg/L**
SampID: 23081489-006BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.054**	0.0500	0.007000	94.0	85	115	09/07/2023

Batch R336090 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-006BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.052**	0.0500	0.007000	90.0	0.05400	3.77	09/07/2023

Batch R336090 **SampType:** MS Units **mg/L**
SampID: 23081489-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.054**	0.0500	0.006000	96.0	85	115	09/08/2023

Batch R336090 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.057**	0.0500	0.006000	102.0	0.05400	5.41	09/08/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch R336090 **SampType:** MS Units **mg/L**
SampID: 23081489-009BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.052**	0.0500	0	104.0	85	115	09/08/2023

Batch R336090 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-009BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.053**	0.0500	0	106.0	0.05200	1.90	09/08/2023

Batch R336090 **SampType:** MS Units **mg/L**
SampID: 23081489-017BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010	S	**0.090**	0.0500	0	180.0	85	115	09/07/2023

Batch R336090 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-017BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010	S	**0.089**	0.0500	0	178.0	0.09000	1.12	09/07/2023

STANDARD METHODS 4500-P E 1999, 2011

Batch R336011 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**< 0.010**	0.0020	0	0	-100	100	09/06/2023

Batch R336011 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.099**	0.1000	0	99.0	90	110	09/06/2023

Batch R336090 **SampType:** MBLK Units **mg/L**
SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**< 0.010**	0.0020	0	0	-100	100	09/07/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

STANDARD METHODS 4500-P E 1999, 2011

Batch R336090 **SampType:** LCS Units **mg/L**
SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Orthophosphate (as P)		0.010		**0.095**	0.1000	0	95.0	90	110	09/07/2023

SW-846 9012A (TOTAL)

Batch 211724 **SampType:** MBLK Units **mg/L**
SampID: MBLK 230906 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	09/07/2023

Batch 211724 **SampType:** LCS Units **mg/L**
SampID: LCS 230906 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.027**	0.0250	0	106.0	90	110	09/07/2023

Batch 211724 **SampType:** MS Units **mg/L**
SampID: 23081489-004CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.027**	0.0250	0	108.6	75	125	09/07/2023

Batch 211724 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23081489-004CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.028**	0.0250	0	110.9	0.02714	2.10	09/07/2023

Batch 211769 **SampType:** MBLK Units **mg/L**
SampID: MBLK 230907 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	09/08/2023

Batch 211769 **SampType:** LCS Units **mg/L**
SampID: LCS 230907 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.026**	0.0250	0	104.6	90	110	09/08/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

SW-846 9012A (TOTAL)

Batch 211769 **SampType:** MS Units **mg/L**
SampID: 23081489-005EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	101.2	75	125	09/08/2023

Batch 211769 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23081489-005EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.025**	0.0250	0	98.1	0.02530	3.13	09/08/2023

Batch 211814 **SampType:** MBLK Units **mg/L**
SampID: MBLK 230908 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	09/11/2023

Batch 211814 **SampType:** LCS Units **mg/L**
SampID: LCS 230908 TCN1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.027**	0.0250	0	106.9	90	110	09/11/2023

Batch 211814 **SampType:** MS Units **mg/L**
SampID: 23081489-014EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		**0.027**	0.0250	0	109.1	75	125	09/11/2023

Batch 211814 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23081489-014EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide		0.005		**0.029**	0.0250	0	114.2	0.02728	4.55	09/11/2023

SW-846 9036 (DISSOLVED)

Batch R336163 **SampType:** MS Units **mg/L**
SampID: 23081489-025BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100	SE	**545**	200.0	381.5	81.7	85	115	09/09/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

SW-846 9036 (DISSOLVED)

Batch R336163 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-025BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100	SE	**542**	200.0	381.5	80.3	544.9	0.53	09/09/2023

Batch R336237 **SampType:** MS Units **mg/L**
SampID: 23081489-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**179**	100.0	80.21	98.9	85	115	09/12/2023

Batch R336237 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**180**	100.0	80.21	99.3	179.1	0.26	09/12/2023

Batch R336237 **SampType:** MS Units **mg/L**
SampID: 23081489-022BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		10		**20**	20.00	0	97.8	85	115	09/12/2023

Batch R336237 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-022BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		10		**20**	20.00	0	99.7	19.55	1.98	09/12/2023

Batch R336237 **SampType:** MS Units **mg/L**
SampID: 23081489-035BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**405**	200.0	212.7	96.0	85	115	09/12/2023

Batch R336237 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-035BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**394**	200.0	212.7	90.7	404.8	2.69	09/12/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23081489
Client Project: KIN-23Q3
Report Date: 13-Oct-23

SW-846 9036 (TOTAL)

Batch R336163 **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	09/08/2023

Batch R336163 **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		**18**	20.00	0	91.5	90	110	09/08/2023

Batch R336237 **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	09/12/2023

Batch R336237 **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	93.0	90	110	09/12/2023

Batch R336237 **SampType:** MS Units **mg/L**
SampID: 23081489-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		100		**297**	200.0	117.0	89.8	85	115	09/12/2023

Batch R336237 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		100		**296**	200.0	117.0	89.6	296.5	0.12	09/12/2023

Batch R336315 **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	09/13/2023

Batch R336315 **SampType:** MBLK Units **mg/L**
SampID: MBLK-211823

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	09/13/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

SW-846 9036 (TOTAL)

Batch R336315 **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	94.5	90	110	09/13/2023

Batch R336315 **SampType:** MS Units **mg/L**
SampID: 23081489-013AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfate		50		**222**	100.0	128.5	93.4	85	115	09/13/2023

Batch R336315 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-013AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate		50		**226**	100.0	128.5	97.5	221.9	1.83	09/13/2023

SW-846 9060A

Batch R336068 **SampType:** MBLK Units **mg/L**
SampID: FILTER MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**< 1.0**	0.4500	0	0	-100	100	09/07/2023

Batch R336068 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**< 1.0**	0.4500	0	0	-100	100	09/07/2023

Batch R336068 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.9**	5.000	0	97.8	90	110	09/07/2023

Batch R336068 **SampType:** MS Units **mg/L**
SampID: 23081489-001FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**5.9**	5.000	1.120	96.2	85	115	09/08/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

SW-846 9060A

Batch R336068 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-001FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**5.5**	5.000	1.120	88.0	5.930	7.16	09/08/2023

Batch R336217 **SampType:** MBLK Units **mg/L**
SampID: FILTER MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**< 1.0**	0.4500	0	0	-100	100	09/11/2023

Batch R336217 **SampType:** MBLK Units **mg/L**
SampID: ICB/MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**< 1.0**	0.4500	0	0	-100	100	09/11/2023

Batch R336217 **SampType:** LCS Units **mg/L**
SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**4.7**	5.000	0	94.6	90	110	09/11/2023

Batch R336217 **SampType:** MS Units **mg/L**
SampID: 23081489-005FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**6.4**	5.000	1.260	103.2	85	115	09/11/2023

Batch R336217 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-005FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**6.4**	5.000	1.260	102.2	6.420	0.78	09/11/2023

Batch R336217 **SampType:** MS Units **mg/L**
SampID: 23081489-005GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**6.4**	5.000	1.350	101.8	85	115	09/11/2023

Batch R336217 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-005GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Dissolved Organic Carbon		1.0		**6.4**	5.000	1.350	101.6	6.440	0.16	09/11/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23081489
Client Project: KIN-23Q3
Report Date: 13-Oct-23

SW-846 9060A

Batch R336217 **SampType:** MS Units **mg/L**
SampID: 23081489-017EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		**6.5**	5.000	1.370	102.2	85	115	09/11/2023

Batch R336217 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-017EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		**6.7**	5.000	1.370	105.8	6.480	2.74	09/11/2023

Batch R336217 **SampType:** MS Units **mg/L**
SampID: 23081489-017FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**6.4**	5.000	1.330	101.0	85	115	09/11/2023

Batch R336217 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-017FMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Dissolved Organic Carbon		1.0		**6.6**	5.000	1.330	105.2	6.380	3.24	09/11/2023

Batch R336217 **SampType:** MS Units **mg/L**
SampID: 23081489-024EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		10.0		**61.7**	50.00	16.01	91.4	85	115	09/12/2023

Batch R336217 **SampType:** MSD Units **mg/L** RPD Limit **10**
SampID: 23081489-024EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		10.0		**65.7**	50.00	16.01	99.3	61.71	6.20	09/12/2023

Batch R336370 **SampType:** MBLK Units **mg/L**
SampID: FILTER MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**< 1.0**	0.4500	0	0	-100	100	09/14/2023

Batch R336370 **SampType:** MBLK Units **mg/L**
SampID: MB-R336370

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**< 1.0**	0.4500	0	0	0	0	09/14/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

SW-846 9060A

Batch R336370 **SampType:** LCS Units **mg/L**
SampID: LCS-R336370

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**5.5**	5.000	0	110.0	90	110	09/14/2023

Batch R336411 **SampType:** MBLK Units **mg/L**
SampID: FILTER MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**< 1.0**	0.4500	0	0	-100	100	09/15/2023

Batch R336411 **SampType:** MBLK Units **mg/L**
SampID: MB-R336411

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**< 1.0**	0.4500	0	0	-100	100	09/15/2023

Batch R336411 **SampType:** LCS Units **mg/L**
SampID: LCS-R336411

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Dissolved Organic Carbon		1.0		**4.9**	5.000	0	98.8	90	110	09/15/2023

SW-846 9214 (TOTAL)

Batch R336108 **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	09/08/2023

Batch R336108 **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		**0.99**	1.000	0	99.4	90	110	09/08/2023

Batch R336108 **SampType:** MS Units **mg/L**
SampID: 23081489-014AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.20**	2.000	0.2010	99.8	75	125	09/08/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

SW-846 9214 (TOTAL)

Batch R336108 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23081489-014AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.22**	2.000	0.2010	100.9	2.198	0.95	09/08/2023

Batch R336108 **SampType:** MS Units **mg/L**
SampID: 23081489-035AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**1.96**	2.000	0.2190	87.2	75	125	09/08/2023

Batch R336108 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23081489-035AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.20**	2.000	0.2190	99.3	1.964	11.56	09/08/2023

Batch R336139 **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	09/11/2023

Batch R336139 **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		**1.03**	1.000	0	103.2	90	110	09/11/2023

Batch R336139 **SampType:** MS Units **mg/L**
SampID: 23081489-019AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		**2.76**	2.000	0.4010	117.8	75	125	09/11/2023

Batch R336139 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23081489-019AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.10		**2.66**	2.000	0.4010	112.7	2.757	3.77	09/11/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

SW-846 9251 (DISSOLVED)

Batch R336144 **SampType:** MS Units **mg/L**
SampID: 23081489-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**32**	20.00	13.26	92.0	85	115	09/09/2023

Batch R336144 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23081489-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**32**	20.00	13.26	93.6	31.66	1.01	09/09/2023

Batch R336144 **SampType:** MS Units **mg/L**
SampID: 23081489-025BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**29**	20.00	10.38	92.8	85	115	09/09/2023

Batch R336144 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23081489-025BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**29**	20.00	10.38	94.0	28.95	0.83	09/09/2023

Batch R336274 **SampType:** MS Units **mg/L**
SampID: 23081489-022BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	E	**60**	20.00	41.38	90.7	85	115	09/12/2023

Batch R336274 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23081489-022BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	E	**60**	20.00	41.38	91.0	59.52	0.08	09/12/2023

Batch R336274 **SampType:** MS Units **mg/L**
SampID: 23081489-035BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**37**	20.00	19.76	87.4	85	115	09/12/2023

Batch R336274 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23081489-035BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**37**	20.00	19.76	87.5	37.24	0.03	09/12/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

SW-846 9251 (TOTAL)

Batch R336144 **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	09/08/2023

Batch R336144 **SampType:** MBLK Units **mg/L**
SampID: MBLK-211677

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	09/08/2023

Batch R336144 **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		**19**	20.00	0	95.6	90	110	09/08/2023

Batch R336274 **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	09/12/2023

Batch R336274 **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		**19**	20.00	0	97.0	90	110	09/12/2023

Batch R336274 **SampType:** MS Units **mg/L**
SampID: 23081489-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4	S	**45**	20.00	28.34	81.4	85	115	09/12/2023

Batch R336274 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23081489-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4	S	**45**	20.00	28.34	84.0	44.61	1.18	09/12/2023

Batch R336274 **SampType:** MS Units **mg/L**
SampID: 23081489-013AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		4		**49**	20.00	31.84	86.3	85	115	09/12/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

SW-846 9251 (TOTAL)

Batch R336274 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 23081489-013AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride		4		**49**	20.00	31.84	85.8	49.10	0.20	09/12/2023

Batch R336346 **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	09/13/2023

Batch R336346 **SampType:** MBLK Units **mg/L**

SampID: MBLK-211823

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	09/13/2023

Batch R336346 **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		**19**	20.00	0	95.5	90	110	09/13/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23081489
Client Project: KIN-23Q3
Report Date: 13-Oct-23

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

Batch 211848 **SampType:** MBLK Units **mg/L**
SampID: MBLK-211848

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0127	0	0	-100	100	09/11/2023
Antimony		0.0500		**< 0.0500**	0.0068	0	0	-100	100	09/11/2023
Arsenic		0.0250		**< 0.0250**	0.0087	0	0	-100	100	09/11/2023
Barium		0.0025		**< 0.0025**	0.0007	0	0	-100	100	09/11/2023
Beryllium		0.0005		**< 0.0005**	0.0002	0	0	-100	100	09/11/2023
Boron		0.0200		**< 0.0200**	0.0090	0	0	-100	100	09/11/2023
Cadmium		0.0020		**< 0.0020**	0.0005	0	0	-100	100	09/11/2023
Calcium		0.100		**< 0.100**	0.0350	0	0	-100	100	09/11/2023
Chromium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	09/11/2023
Cobalt		0.0050		**< 0.0050**	0.0020	0	0	-100	100	09/11/2023
Lead		0.0150		**< 0.0150**	0.0014	0	0	-100	100	09/11/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	09/11/2023
Manganese		0.0070		**< 0.0070**	0.0025	0	0	-100	100	09/11/2023
Molybdenum		0.0100		**< 0.0100**	0.0037	0	0	-100	100	09/11/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	09/11/2023
Selenium		0.0400		**< 0.0400**	0.0170	0	0	-100	100	09/11/2023
Silicon	*	0.0500		**< 0.0500**	0.0122	0	0	-100	100	09/11/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	09/11/2023
Thallium		0.0500		**< 0.0500**	0.0111	0	0	-100	100	09/11/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch 211848 **SampType:** LCS Units **mg/L**

SampID: LCS-211848

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.75**	2.000	0	87.4	85	115	09/11/2023
Antimony		0.0500		**0.448**	0.5000	0	89.6	85	115	09/11/2023
Arsenic		0.0250		**0.474**	0.5000	0	94.9	85	115	09/11/2023
Barium		0.0025		**1.87**	2.000	0	93.4	85	115	09/11/2023
Beryllium		0.0005		**0.0460**	0.0500	0	92.0	85	115	09/11/2023
Boron		0.0200		**0.448**	0.5000	0	89.7	85	115	09/11/2023
Cadmium		0.0020		**0.0506**	0.0500	0	101.2	85	115	09/11/2023
Calcium		0.100		**2.34**	2.500	0	93.6	85	115	09/11/2023
Chromium		0.0050		**0.186**	0.2000	0	93.2	85	115	09/11/2023
Cobalt		0.0050		**0.464**	0.5000	0	92.8	85	115	09/11/2023
Lead		0.0150		**0.466**	0.5000	0	93.1	85	115	09/11/2023
Magnesium		0.0500		**2.30**	2.500	0	92.1	85	115	09/11/2023
Manganese		0.0070		**0.446**	0.5000	0	89.2	85	115	09/11/2023
Molybdenum		0.0100		**0.454**	0.5000	0	90.8	85	115	09/11/2023
Potassium		0.100		**2.47**	2.500	0	98.9	85	115	09/11/2023
Selenium		0.0400		**0.451**	0.5000	0	90.2	85	115	09/11/2023
Silicon	*	0.0500		**0.475**	0.5000	0	95.0	85	115	09/11/2023
Sodium		0.0500		**2.29**	2.500	0	91.5	85	115	09/11/2023
Thallium		0.0500		**0.228**	0.2500	0	91.4	85	115	09/11/2023

Batch 211848 **SampType:** MS Units **mg/L**

SampID: 23081489-006DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**98.0**	5.000	94.71	66.0	75	125	09/11/2023
Magnesium		0.0500		**46.5**	5.000	42.60	78.9	75	125	09/11/2023
Potassium		0.100		**4.88**	5.000	0.2757	92.1	75	125	09/11/2023
Silicon	*	0.0500		**6.21**	1.000	5.362	84.7	75	125	09/11/2023
Sodium		0.0500		**28.6**	5.000	24.62	79.8	75	125	09/11/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch 211848 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 23081489-006DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**96.3**	5.000	94.71	32.6	98.01	1.72	09/11/2023
Magnesium		0.0500	S	**45.8**	5.000	42.60	63.7	46.54	1.64	09/11/2023
Potassium		0.100		**4.75**	5.000	0.2757	89.4	4.882	2.81	09/11/2023
Silicon	*	0.0500		**6.13**	1.000	5.362	76.4	6.209	1.35	09/11/2023
Sodium		0.0500	S	**28.2**	5.000	24.62	70.6	28.61	1.62	09/11/2023

Batch 211848 **SampType:** MS Units **mg/L**

SampID: 23081489-023DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**112**	5.000	113.6	-28.4	75	125	09/11/2023
Magnesium		0.0500	S	**57.8**	5.000	56.04	34.8	75	125	09/11/2023
Potassium		0.100		**5.14**	5.000	0.7157	88.5	75	125	09/11/2023
Silicon	*	0.0500	S	**8.49**	1.000	8.021	46.7	75	125	09/11/2023
Sodium		0.0500	S	**27.2**	5.000	24.21	60.6	75	125	09/11/2023

Batch 211848 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 23081489-023DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	**113**	5.000	113.6	-20.4	112.2	0.36	09/11/2023
Magnesium		0.0500	S	**58.0**	5.000	56.04	38.8	57.78	0.35	09/11/2023
Potassium		0.100		**5.13**	5.000	0.7157	88.2	5.140	0.26	09/11/2023
Silicon	*	0.0500	S	**8.56**	1.000	8.021	54.3	8.488	0.90	09/11/2023
Sodium		0.0500	S	**27.4**	5.000	24.21	62.8	27.24	0.40	09/11/2023

Batch 211851 **SampType:** MBLK Units **mg/L**

SampID: MBLK-211851

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	09/12/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	09/12/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	09/12/2023
Silicon	*	0.0500		**< 0.0500**	0.0122	0	0	-100	100	09/12/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	09/12/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch 211851 **SampType:** LCS Units **mg/L**
SampID: LCS-211851

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.42**	2.500	0	97.0	85	115	09/12/2023
Magnesium		0.0500		**2.17**	2.500	0	86.9	85	115	09/12/2023
Potassium		0.100		**2.48**	2.500	0	99.3	85	115	09/12/2023
Silicon	*	0.0500		**0.473**	0.5000	0	94.6	85	115	09/12/2023
Sodium		0.0500		**2.37**	2.500	0	94.9	85	115	09/12/2023

Batch 211851 **SampType:** MS Units **mg/L**
SampID: 23081489-034DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**4.25**	5.000	0	84.9	75	125	09/12/2023
Magnesium		0.0500		**3.87**	5.000	0.005600	77.3	75	125	09/12/2023
Potassium		0.100		**4.28**	5.000	0	85.5	75	125	09/12/2023
Silicon	*	0.0500		**0.810**	1.000	0	81.0	75	125	09/12/2023
Sodium		0.0500		**4.23**	5.000	0	84.7	75	125	09/12/2023

Batch 211851 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23081489-034DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**4.35**	5.000	0	87.0	4.247	2.36	09/12/2023
Magnesium		0.0500		**3.99**	5.000	0.005600	79.6	3.872	2.94	09/12/2023
Potassium		0.100		**4.39**	5.000	0	87.8	4.277	2.60	09/12/2023
Silicon	*	0.0500		**0.836**	1.000	0	83.6	0.8101	3.21	09/12/2023
Sodium		0.0500		**4.36**	5.000	0	87.1	4.233	2.86	09/12/2023

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

Batch 211734 **SampType:** MBLK Units **mg/L**
SampID: MBLK-211734

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	09/11/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	09/11/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	09/11/2023
Silicon	*	0.0500	JS	**0.039**	0.0122	0	320.5	-100	100	09/11/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	09/11/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch 211734 **SampType:** LCS Units **mg/L**
SampID: LCS-211734

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.56**	2.500	0	102.4	85	115	09/11/2023
Magnesium		0.0500		**2.28**	2.500	0	91.0	85	115	09/11/2023
Potassium		0.100		**2.57**	2.500	0	102.8	85	115	09/11/2023
Silicon	*	0.0500	B	**0.489**	0.5000	0	97.7	85	115	09/11/2023
Sodium		0.0500		**2.42**	2.500	0	96.9	85	115	09/11/2023

Batch 211778 **SampType:** MBLK Units **mg/L**
SampID: MBLK-211778

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	09/11/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	09/11/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	09/12/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	09/11/2023
Silicon	*	0.0500	JS	**0.040**	0.0122	0	326.2	-100	100	09/11/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	09/11/2023

Batch 211778 **SampType:** LCS Units **mg/L**
SampID: LCS-211778

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.62**	2.500	0	105.0	85	115	09/11/2023
Magnesium		0.0500		**2.29**	2.500	0	91.8	85	115	09/11/2023
Magnesium		0.0500		**2.41**	2.500	0	96.5	85	115	09/12/2023
Potassium		0.100		**2.59**	2.500	0	103.7	85	115	09/11/2023
Silicon	*	0.0500	B	**0.494**	0.5000	0	98.7	85	115	09/11/2023
Sodium		0.0500		**2.44**	2.500	0	97.7	85	115	09/11/2023

Batch 211778 **SampType:** MS Units **mg/L**
SampID: 23081489-022CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	**115**	2.500	111.3	135.2	75	125	09/11/2023
Magnesium		0.0500		**57.9**	2.500	55.08	110.9	75	125	09/11/2023
Potassium		0.100		**3.26**	2.500	0.6178	105.7	75	125	09/11/2023
Silicon	*	0.0500	B	**7.07**	0.5000	6.530	107.5	75	125	09/11/2023
Sodium		0.0500		**47.5**	2.500	44.90	104.8	75	125	09/11/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch 211778 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 23081489-022CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		**113**	2.500	111.3	85.2	114.6	1.10	09/11/2023
Magnesium		0.0500		**57.8**	2.500	55.08	108.3	57.85	0.11	09/11/2023
Potassium		0.100		**3.27**	2.500	0.6178	105.9	3.261	0.13	09/11/2023
Silicon	*	0.0500	B	**7.03**	0.5000	6.530	99.8	7.067	0.55	09/11/2023
Sodium		0.0500		**47.3**	2.500	44.90	96.8	47.52	0.42	09/11/2023

Batch 211803 **SampType:** MBLK Units **mg/L**

SampID: MBLK-211803

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	09/11/2023
Magnesium		0.0500		**< 0.0500**	0.0055	0	0	-100	100	09/11/2023
Potassium		0.100		**< 0.100**	0.0400	0	0	-100	100	09/11/2023
Silicon	*	0.0500		**< 0.0500**	0.0122	0	0	-100	100	09/11/2023
Sodium		0.0500		**< 0.0500**	0.0180	0	0	-100	100	09/11/2023

Batch 211803 **SampType:** LCS Units **mg/L**

SampID: LCS-211803

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		**2.52**	2.500	0	100.9	85	115	09/11/2023
Magnesium		0.0500		**2.47**	2.500	0	98.7	85	115	09/11/2023
Potassium		0.100		**2.62**	2.500	0	104.8	85	115	09/11/2023
Silicon	*	0.0500		**0.541**	0.5000	0	108.1	85	115	09/11/2023
Sodium		0.0500		**2.48**	2.500	0	99.2	85	115	09/11/2023

Batch 211803 **SampType:** MS Units **mg/L**

SampID: 23081489-031CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Silicon	*	0.0500	S	**10.9**	0.5000	10.56	74.0	75	125	09/11/2023

Batch 211803 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 23081489-031CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Silicon	*	0.0500		**11.1**	0.5000	10.56	99.9	10.93	1.18	09/11/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch 211848 **SampType:** MBLK Units **mg/L**
SampID: MBLK-211848

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0125	0	0	-100	100	10/02/2023
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	10/02/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	10/02/2023

Batch 211848 **SampType:** LCS Units **mg/L**
SampID: LCS-211848

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.85**	2.000	0	92.6	80	120	10/02/2023
Iron		0.0250		**2.03**	2.000	0	101.3	80	120	10/02/2023
Manganese		0.0020		**0.474**	0.5000	0	94.8	80	120	10/02/2023

Batch 211848 **SampType:** MS Units **mg/L**
SampID: 23081489-006DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**3.29**	4.000	0	82.3	75	125	10/02/2023
Iron		0.0250		**3.61**	4.000	0.01197	90.0	75	125	10/02/2023
Manganese		0.0020		**0.873**	1.000	0.008274	86.5	75	125	10/02/2023

Batch 211848 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23081489-006DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**3.30**	4.000	0	82.4	3.290	0.16	10/02/2023
Iron		0.0250		**3.42**	4.000	0.01197	85.3	3.614	5.39	10/02/2023
Manganese		0.0020		**0.882**	1.000	0.008274	87.4	0.8731	1.04	10/02/2023

Batch 211848 **SampType:** MS Units **mg/L**
SampID: 23081489-023DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**3.27**	4.000	0	81.7	75	125	10/02/2023
Iron		0.0250		**6.95**	4.000	3.733	80.5	75	125	10/05/2023
Manganese		0.0020		**1.47**	1.000	0.6276	83.8	75	125	10/04/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch 211848 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 23081489-023DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**3.35**	4.000	0	83.8	3.268	2.55	10/02/2023
Iron		0.0250		**6.81**	4.000	3.733	76.8	6.952	2.12	10/05/2023
Manganese		0.0020		**1.49**	1.000	0.6276	86.6	1.466	1.85	10/04/2023

Batch 211851 **SampType:** MBLK Units **mg/L**

SampID: MBLK-211851

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0125	0	0	-100	100	10/02/2023
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	10/02/2023
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	10/02/2023
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	10/02/2023
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	10/02/2023
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	10/02/2023
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	10/02/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	10/02/2023
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	10/02/2023
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	10/02/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	10/02/2023
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	10/02/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	10/02/2023
Molybdenum	*	0.0015		**< 0.0015**	0.0006	0	0	-100	100	10/02/2023
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	10/02/2023
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	10/02/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch 211851 **SampType:** LCS Units **mg/L**

SampID: LCS-211851

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.62**	2.000	0	81.2	80	120	10/02/2023
Antimony		0.0010		**0.490**	0.5000	0	98.0	80	120	10/02/2023
Arsenic		0.0010		**0.465**	0.5000	0	93.0	80	120	10/03/2023
Barium		0.0010		**1.84**	2.000	0	92.2	80	120	10/02/2023
Beryllium		0.0010		**0.0443**	0.0500	0	88.5	80	120	10/03/2023
Boron		0.0250		**0.419**	0.5000	0	83.8	80	120	10/02/2023
Cadmium		0.0010		**0.0457**	0.0500	0	91.3	80	120	10/02/2023
Chromium		0.0015		**0.183**	0.2000	0	91.4	80	120	10/02/2023
Cobalt		0.0010		**0.469**	0.5000	0	93.7	80	120	10/02/2023
Iron		0.0250		**1.94**	2.000	0	97.0	80	120	10/02/2023
Lead		0.0010		**0.460**	0.5000	0	92.0	80	120	10/02/2023
Lithium	*	0.0030		**0.458**	0.5000	0	91.7	80	120	10/03/2023
Manganese		0.0020		**0.453**	0.5000	0	90.5	80	120	10/02/2023
Molybdenum	*	0.0015		**0.452**	0.5000	0	90.4	80	120	10/02/2023
Selenium		0.0010		**0.412**	0.5000	0	82.4	80	120	10/02/2023
Thallium		0.0020		**0.233**	0.2500	0	93.1	80	120	10/02/2023

Batch 211851 **SampType:** MS Units **mg/L**

SampID: 23081489-034DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**3.27**	4.000	0.04361	80.7	75	125	10/06/2023
Antimony		0.0010		**0.807**	1.000	0	80.7	75	125	10/03/2023
Arsenic		0.0010		**0.856**	1.000	0	85.6	75	125	10/03/2023
Barium		0.0010		**3.42**	4.000	0	85.4	75	125	10/03/2023
Beryllium		0.0010		**0.0802**	0.1000	0	80.2	75	125	10/03/2023
Boron		0.0250		**0.844**	1.000	0	84.4	75	125	10/03/2023
Cadmium		0.0010		**0.0881**	0.1000	0	88.1	75	125	10/03/2023
Chromium		0.0015		**0.323**	0.4000	0	80.8	75	125	10/03/2023
Cobalt		0.0010		**0.800**	1.000	0	80.0	75	125	10/03/2023
Iron		0.0250		**3.31**	4.000	0.1622	78.7	75	125	10/05/2023
Lead		0.0010		**0.813**	1.000	0	81.3	75	125	10/03/2023
Lithium	*	0.0030		**0.826**	1.000	0	82.6	75	125	10/03/2023
Manganese		0.0020		**0.804**	1.000	0.002753	80.2	75	125	10/03/2023
Molybdenum	*	0.0015		**0.821**	1.000	0	82.1	75	125	10/03/2023
Selenium		0.0010		**0.816**	1.000	0	81.6	75	125	10/03/2023
Thallium		0.0020		**0.404**	0.5000	0	80.8	75	125	10/03/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23081489
Client Project: KIN-23Q3
Report Date: 13-Oct-23

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

Batch 211851 **SampType:** MSD Units **mg/L** RPD Limit **20**
SampID: 23081489-034DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**3.24**	4.000	0.04361	80.0	3.273	0.90	10/06/2023
Antimony		0.0010		**0.805**	1.000	0	80.5	0.8075	0.37	10/03/2023
Arsenic		0.0010		**0.828**	1.000	0	82.8	0.8559	3.28	10/03/2023
Barium		0.0010		**3.38**	4.000	0	84.6	3.416	0.97	10/03/2023
Beryllium		0.0010		**0.0795**	0.1000	0	79.5	0.08016	0.79	10/03/2023
Boron		0.0250		**0.841**	1.000	0	84.1	0.8440	0.36	10/03/2023
Cadmium		0.0010		**0.0870**	0.1000	0	87.0	0.08810	1.24	10/03/2023
Chromium		0.0015		**0.317**	0.4000	0	79.3	0.3231	1.80	10/03/2023
Cobalt		0.0010		**0.779**	1.000	0	77.9	0.8003	2.67	10/03/2023
Iron		0.0250		**3.18**	4.000	0.1622	75.4	3.311	4.16	10/05/2023
Lead		0.0010		**0.840**	1.000	0	84.0	0.8132	3.21	10/03/2023
Lithium	*	0.0030		**0.836**	1.000	0	83.6	0.8259	1.22	10/03/2023
Manganese		0.0020		**0.797**	1.000	0.002753	79.4	0.8045	0.96	10/03/2023
Molybdenum	*	0.0015		**0.824**	1.000	0	82.4	0.8206	0.45	10/03/2023
Selenium		0.0010		**0.799**	1.000	0	79.9	0.8161	2.15	10/03/2023
Thallium		0.0020		**0.409**	0.5000	0	81.8	0.4038	1.28	10/03/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch 211734 **SampType:** MBLK Units **mg/L**

SampID: MBLK-211734

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0125	0	0	-100	100	09/26/2023
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/20/2023
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/20/2023
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	09/20/2023
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	09/20/2023
Boron	*	0.0250		**< 0.0250**	0.0093	0	0	-100	100	09/29/2023
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/20/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	09/20/2023
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/20/2023
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	09/20/2023
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	09/26/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/20/2023
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	09/20/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	09/20/2023
Molybdenum	*	0.0015		**< 0.0015**	0.0006	0	0	-100	100	09/21/2023
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/20/2023
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/20/2023
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/20/2023
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	09/20/2023
Vanadium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	09/20/2023
Zinc		0.0150		**< 0.0150**	0.0059	0	0	-100	100	09/22/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23081489
Client Project: KIN-23Q3
Report Date: 13-Oct-23

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

Batch 211734 **SampType:** LCS Units **mg/L**
SampID: LCS-211734

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**2.04**	2.000	0	102.1	80	120	09/26/2023
Antimony		0.0010		**0.510**	0.5000	0	102.1	85	115	09/20/2023
Arsenic		0.0010		**0.497**	0.5000	0	99.5	85	115	09/20/2023
Barium		0.0010		**2.03**	2.000	0	101.6	85	115	09/21/2023
Beryllium		0.0010		**0.0485**	0.0500	0	97.0	85	115	09/20/2023
Boron	*	0.0250		**0.522**	0.5000	0	104.4	85	115	09/29/2023
Cadmium		0.0010		**0.0498**	0.0500	0	99.5	85	115	09/20/2023
Chromium		0.0015		**0.204**	0.2000	0	101.8	85	115	09/20/2023
Cobalt		0.0010		**0.488**	0.5000	0	97.6	85	115	09/20/2023
Copper		0.0010		**0.222**	0.2500	0	88.6	85	115	09/20/2023
Iron		0.0250		**2.30**	2.000	0	114.8	80	120	09/26/2023
Lead		0.0010		**0.569**	0.5000	0	113.9	85	115	09/20/2023
Lithium	*	0.0030		**0.509**	0.5000	0	101.8	85	115	09/20/2023
Manganese		0.0020		**0.495**	0.5000	0	99.1	85	115	09/20/2023
Molybdenum	*	0.0015		**0.498**	0.5000	0	99.6	85	115	09/21/2023
Nickel		0.0010		**0.500**	0.5000	0	99.9	85	115	09/20/2023
Selenium		0.0010		**0.451**	0.5000	0	90.1	85	115	09/20/2023
Silver		0.0010		**0.0552**	0.0500	0	110.3	85	115	09/20/2023
Thallium		0.0020		**0.227**	0.2500	0	90.7	85	115	09/20/2023
Vanadium		0.0050		**0.510**	0.5000	0	101.9	85	115	09/21/2023
Zinc		0.0150		**0.497**	0.5000	0	99.3	85	115	09/22/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch 211734 **SampType:** MS Units **mg/L**

SampID: 23081489-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0010		**0.465**	0.5000	0	93.1	75	125	09/21/2023
Arsenic		0.0010		**0.508**	0.5000	0	101.6	75	125	09/21/2023
Barium		0.0010		**2.23**	2.000	0.1373	104.5	75	125	09/21/2023
Beryllium		0.0010		**0.0460**	0.0500	0	92.1	75	125	09/21/2023
Boron		0.0250		**1.11**	0.5000	0.5307	116.1	75	125	09/29/2023
Cadmium		0.0010		**0.0559**	0.0500	0	111.7	75	125	09/21/2023
Chromium		0.0015		**0.196**	0.2000	0	97.8	75	125	09/21/2023
Cobalt		0.0010		**0.485**	0.5000	0	96.9	75	125	09/21/2023
Copper		0.0010		**0.249**	0.2500	0.0007018	99.4	75	125	09/21/2023
Iron		0.0250		**2.65**	2.000	0.4277	111.2	75	125	09/26/2023
Lead		0.0010		**0.497**	0.5000	0	99.4	75	125	09/21/2023
Manganese		0.0020		**0.746**	0.5000	0.2492	99.4	75	125	09/21/2023
Nickel		0.0010		**0.481**	0.5000	0	96.3	75	125	09/21/2023
Selenium		0.0010		**0.438**	0.5000	0	87.6	75	125	09/21/2023
Silver		0.0010		**0.0584**	0.0500	0	116.9	75	125	09/21/2023
Thallium		0.0020		**0.256**	0.2500	0	102.6	75	125	09/21/2023
Vanadium		0.0050		**0.509**	0.5000	0	101.8	75	125	09/21/2023
Zinc		0.0150		**0.481**	0.5000	0	96.1	75	125	09/22/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch 211734 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 23081489-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		0.0010		**0.466**	0.5000	0	93.1	0.4654	0.03	09/21/2023
Arsenic		0.0010		**0.507**	0.5000	0	101.4	0.5078	0.14	09/21/2023
Barium		0.0010		**2.19**	2.000	0.1373	102.6	2.227	1.73	09/21/2023
Beryllium		0.0010		**0.0450**	0.0500	0	90.1	0.04603	2.16	09/21/2023
Boron		0.0250		**1.07**	0.5000	0.5307	108.3	1.111	3.54	09/29/2023
Cadmium		0.0010		**0.0560**	0.0500	0	112.1	0.05586	0.33	09/21/2023
Chromium		0.0015		**0.190**	0.2000	0	95.2	0.1956	2.71	09/21/2023
Cobalt		0.0010		**0.480**	0.5000	0	96.1	0.4847	0.88	09/21/2023
Copper		0.0010		**0.249**	0.2500	0.0007018	99.2	0.2493	0.24	09/21/2023
Iron		0.0250		**2.74**	2.000	0.4277	115.7	2.651	3.38	09/26/2023
Lead		0.0010		**0.492**	0.5000	0	98.4	0.4969	0.94	09/21/2023
Manganese		0.0020		**0.719**	0.5000	0.2492	94.0	0.7462	3.68	09/21/2023
Nickel		0.0010		**0.472**	0.5000	0	94.4	0.4814	1.94	09/21/2023
Selenium		0.0010		**0.441**	0.5000	0	88.1	0.4382	0.56	09/21/2023
Silver		0.0010		**0.0566**	0.0500	0	113.3	0.05843	3.11	09/21/2023
Thallium		0.0020		**0.250**	0.2500	0	100.1	0.2565	2.42	09/21/2023
Vanadium		0.0050		**0.514**	0.5000	0	102.8	0.5089	0.98	09/21/2023
Zinc		0.0150		**0.511**	0.5000	0	102.3	0.4807	6.17	09/22/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch 211778 **SampType:** MBLK Units **mg/L**

SampID: MBLK-211778

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0125	0	0	-100	100	09/22/2023
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/20/2023
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/20/2023
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	09/21/2023
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	09/21/2023
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	09/29/2023
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/20/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	09/21/2023
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/21/2023
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	09/20/2023
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	09/29/2023
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	09/25/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/20/2023
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	09/21/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	09/21/2023
Molybdenum	*	0.0015		**< 0.0015**	0.0006	0	0	-100	100	09/21/2023
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/20/2023
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/20/2023
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/21/2023
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	09/20/2023
Vanadium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	09/21/2023
Zinc		0.0150		**< 0.0150**	0.0059	0	0	-100	100	09/21/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23081489
Client Project: KIN-23Q3
Report Date: 13-Oct-23

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

Batch 211778 **SampType:** LCS Units **mg/L**
SampID: LCS-211778

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.82**	2.000	0	90.8	85	115	09/22/2023
Antimony		0.0010		**0.465**	0.5000	0	93.0	85	115	09/20/2023
Arsenic		0.0010		**0.508**	0.5000	0	101.7	85	115	09/20/2023
Barium		0.0010		**2.03**	2.000	0	101.3	85	115	09/21/2023
Beryllium		0.0010		**0.0460**	0.0500	0	91.9	85	115	09/21/2023
Boron		0.0250		**0.535**	0.5000	0	106.9	80	120	09/29/2023
Cadmium		0.0010		**0.0442**	0.0500	0	88.4	85	115	09/20/2023
Chromium		0.0015		**0.197**	0.2000	0	98.4	85	115	09/21/2023
Cobalt		0.0010		**0.491**	0.5000	0	98.2	85	115	09/21/2023
Copper		0.0010		**0.221**	0.2500	0	88.4	85	115	09/20/2023
Iron		0.0250		**2.11**	2.000	0	105.6	80	120	09/29/2023
Lead		0.0010		**0.509**	0.5000	0	101.9	85	115	09/20/2023
Lithium	*	0.0030		**0.484**	0.5000	0	96.9	85	115	09/21/2023
Manganese		0.0020		**0.483**	0.5000	0	96.6	85	115	09/21/2023
Molybdenum	*	0.0015		**0.523**	0.5000	0	104.5	85	115	09/21/2023
Nickel		0.0010		**0.488**	0.5000	0	97.6	85	115	09/20/2023
Selenium		0.0010		**0.458**	0.5000	0	91.6	85	115	09/20/2023
Silver		0.0010		**0.0568**	0.0500	0	113.7	85	115	09/21/2023
Thallium		0.0020		**0.215**	0.2500	0	86.2	85	115	09/20/2023
Vanadium		0.0050		**0.525**	0.5000	0	105.0	85	115	09/21/2023
Zinc		0.0150		**0.517**	0.5000	0	103.4	85	115	09/21/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch 211778 **SampType:** MS Units **mg/L**

SampID: 23081489-022CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**2.05**	2.000	0.05799	99.6	75	125	09/26/2023
Antimony		0.0010		**0.472**	0.5000	0	94.4	75	125	09/21/2023
Arsenic		0.0010		**0.514**	0.5000	0.006811	101.4	75	125	09/21/2023
Barium		0.0010		**2.20**	2.000	0.1639	101.7	75	125	09/21/2023
Beryllium		0.0010		**0.0429**	0.0500	0	85.9	75	125	09/21/2023
Boron		0.0250		**1.71**	0.5000	1.204	101.8	75	125	09/29/2023
Cadmium		0.0010		**0.0568**	0.0500	0	113.6	75	125	09/21/2023
Chromium		0.0015		**0.197**	0.2000	0	98.3	75	125	09/21/2023
Cobalt		0.0010		**0.464**	0.5000	0.002146	92.4	75	125	09/21/2023
Iron		0.0250		**9.43**	2.000	7.861	78.7	75	125	09/29/2023
Lead		0.0010		**0.477**	0.5000	0	95.3	75	125	09/21/2023
Lithium	*	0.0030		**0.463**	0.5000	0	92.5	75	125	09/21/2023
Manganese		0.0020		**3.52**	0.5000	3.041	95.5	75	125	09/21/2023
Molybdenum	*	0.0015		**0.536**	0.5000	0.002184	106.7	75	125	09/22/2023
Selenium		0.0010		**0.456**	0.5000	0	91.1	75	125	09/21/2023
Thallium		0.0020		**0.237**	0.2500	0	94.9	75	125	09/21/2023

Batch 211778 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 23081489-022CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**2.10**	2.000	0.05799	102.1	2.049	2.48	09/26/2023
Antimony		0.0010		**0.471**	0.5000	0	94.2	0.4718	0.16	09/21/2023
Arsenic		0.0010		**0.518**	0.5000	0.006811	102.2	0.5138	0.77	09/21/2023
Barium		0.0010		**2.13**	2.000	0.1639	98.3	2.197	3.10	09/21/2023
Beryllium		0.0010		**0.0441**	0.0500	0	88.3	0.04293	2.76	09/21/2023
Boron		0.0250		**1.74**	0.5000	1.204	106.4	1.713	1.31	09/29/2023
Cadmium		0.0010		**0.0558**	0.0500	0	111.6	0.05680	1.75	09/21/2023
Chromium		0.0015		**0.202**	0.2000	0	100.9	0.1965	2.63	09/21/2023
Cobalt		0.0010		**0.469**	0.5000	0.002146	93.4	0.4643	1.03	09/21/2023
Iron		0.0250		**9.50**	2.000	7.861	82.2	9.434	0.74	09/29/2023
Lead		0.0010		**0.474**	0.5000	0	94.7	0.4765	0.61	09/21/2023
Lithium	*	0.0030		**0.467**	0.5000	0	93.5	0.4626	0.99	09/21/2023
Manganese		0.0020		**3.55**	0.5000	3.041	101.8	3.519	0.90	09/21/2023
Molybdenum	*	0.0015		**0.514**	0.5000	0.002184	102.4	0.5359	4.13	09/22/2023
Selenium		0.0010		**0.452**	0.5000	0	90.4	0.4556	0.78	09/21/2023
Thallium		0.0020		**0.238**	0.2500	0	95.4	0.2372	0.52	09/21/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch 211803 **SampType:** MBLK Units **mg/L**

SampID: MBLK-211803

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**< 0.0250**	0.0125	0	0	-100	100	09/29/2023
Aluminum		0.0250	S	**0.0617**	0.0125	0	493.9	-100	100	09/22/2023
Antimony		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/20/2023
Arsenic		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/20/2023
Barium		0.0010		**< 0.0010**	0.0007	0	0	-100	100	09/20/2023
Beryllium		0.0010		**< 0.0010**	0.0002	0	0	-100	100	09/20/2023
Boron		0.0250		**< 0.0250**	0.0093	0	0	-100	100	09/22/2023
Cadmium		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/20/2023
Chromium		0.0015		**< 0.0015**	0.0007	0	0	-100	100	09/20/2023
Cobalt		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/20/2023
Copper		0.0010		**< 0.0010**	0.0003	0	0	-100	100	09/29/2023
Copper		0.0010	S	**0.0035**	0.0003	0	1156	-100	100	09/22/2023
Iron		0.0250		**< 0.0250**	0.0115	0	0	-100	100	09/29/2023
Lead		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/20/2023
Lithium	*	0.0030		**< 0.0030**	0.0015	0	0	-100	100	09/20/2023
Manganese		0.0020		**< 0.0020**	0.0008	0	0	-100	100	09/20/2023
Molybdenum	*	0.0015		**< 0.0015**	0.0006	0	0	-100	100	09/21/2023
Nickel		0.0010		**< 0.0010**	0.0004	0	0	-100	100	09/20/2023
Selenium		0.0010		**< 0.0010**	0.0006	0	0	-100	100	09/20/2023
Silver		0.0010		**< 0.0010**	0.0001	0	0	-100	100	09/20/2023
Thallium		0.0020		**< 0.0020**	0.0010	0	0	-100	100	09/20/2023
Vanadium		0.0050		**< 0.0050**	0.0028	0	0	-100	100	09/20/2023
Zinc		0.0150		**< 0.0150**	0.0059	0	0	-100	100	09/22/2023

Teklab, Inc. Environmental Laboratory

Quality Control Results

Client: Ramboll **Work Order:** 23081489

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Batch 211803 **SampType:** LCS Units **mg/L**

SampID: LCS-211803

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250	B	**1.96**	2.000	0	97.8	80	120	09/22/2023
Antimony		0.0010		**0.472**	0.5000	0	94.4	80	120	09/20/2023
Arsenic		0.0010		**0.510**	0.5000	0	101.9	80	120	09/20/2023
Barium		0.0010		**2.03**	2.000	0	101.6	80	120	09/22/2023
Beryllium		0.0010		**0.0451**	0.0500	0	90.2	80	120	09/20/2023
Boron		0.0250		**0.526**	0.5000	0	105.2	80	120	09/22/2023
Cadmium		0.0010		**0.0575**	0.0500	0	115.0	80	120	09/20/2023
Chromium		0.0015		**0.200**	0.2000	0	99.9	80	120	09/20/2023
Cobalt		0.0010		**0.504**	0.5000	0	100.7	80	120	09/20/2023
Copper		0.0010	B	**0.253**	0.2500	0	101.4	80	120	09/22/2023
Iron		0.0250		**1.96**	2.000	0	98.1	80	120	10/04/2023
Lead		0.0010		**0.499**	0.5000	0	99.8	80	120	09/20/2023
Lithium	*	0.0030		**0.497**	0.5000	0	99.4	80	120	09/20/2023
Manganese		0.0020		**0.501**	0.5000	0	100.3	80	120	09/20/2023
Molybdenum	*	0.0015		**0.506**	0.5000	0	101.3	80	120	09/21/2023
Molybdenum	*	0.0015		**0.487**	0.5000	0	97.4	80	120	09/22/2023
Nickel		0.0010		**0.509**	0.5000	0	101.8	80	120	09/20/2023
Selenium		0.0010		**0.455**	0.5000	0	91.0	80	120	09/20/2023
Silver		0.0010		**0.0580**	0.0500	0	115.9	80	120	09/20/2023
Thallium		0.0020		**0.252**	0.2500	0	100.8	80	120	09/20/2023
Zinc		0.0150		**0.485**	0.5000	0	97.0	80	120	09/22/2023

Batch 211803 **SampType:** MS Units **mg/L**

SampID: 23081489-031CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		0.0250		**1.76**	2.000	0.02220	87.0	75	125	09/29/2023
Iron		0.100	S	**42.0**	2.000	37.45	226.5	75	125	10/02/2023
Manganese		0.0020		**0.662**	0.5000	0.1960	93.1	75	125	09/20/2023

Batch 211803 **SampType:** MSD Units **mg/L** RPD Limit **20**

SampID: 23081489-031CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Aluminum		0.0250		**1.79**	2.000	0.02220	88.4	1.763	1.58	09/29/2023
Iron		0.100	SRE	**62.7**	2.000	37.45	1263	41.98	39.62	10/02/2023
Manganese		0.0020		**0.665**	0.5000	0.1960	93.9	0.6616	0.57	09/20/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

Client: Ramboll
Work Order: 23081489
Client Project: KIN-23Q3
Report Date: 13-Oct-23

SW-846 7470A (TOTAL)

Batch 211828 **SampType:** MBLK Units **mg/L**
SampID: MBLK-211828

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	09/09/2023

Batch 211828 **SampType:** LCS Units **mg/L**
SampID: LCS-211828

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00493**	0.0050	0	98.7	85	115	09/09/2023

Batch 211828 **SampType:** MS Units **mg/L**
SampID: 23081489-003CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00518**	0.0050	0	103.6	75	125	09/09/2023

Batch 211828 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23081489-003CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00536**	0.0050	0	107.2	0.005182	3.36	09/09/2023

Batch 211858 **SampType:** MBLK Units **mg/L**
SampID: MBLK-211858

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	09/12/2023

Batch 211858 **SampType:** LCS Units **mg/L**
SampID: LCS-211858

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00475**	0.0050	0	95.1	85	115	09/12/2023

Batch 211858 **SampType:** MS Units **mg/L**
SampID: 23081489-014CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00431**	0.0050	0	86.2	75	125	09/12/2023

Batch 211858 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23081489-014CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00455**	0.0050	0	91.0	0.004308	5.49	09/12/2023

Teklab, Inc.
Environmental Laboratory

Quality Control Results

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23081489
Client Project: KIN-23Q3
Report Date: 13-Oct-23

SW-846 7470A (TOTAL)

Batch 211858 **SampType:** MS Units **mg/L**
SampID: 23081489-025CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.00020		**0.00432**	0.0050	0	86.4	75	125	09/12/2023

Batch 211858 **SampType:** MSD Units **mg/L** RPD Limit **15**
SampID: 23081489-025CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.00020		**0.00422**	0.0050	0	84.4	0.004320	2.38	09/12/2023

Receiving Check List

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

Client: Ramboll
Client Project: KIN-23Q3

Work Order: 23081489
Report Date: 13-Oct-23

Carrier: Justin Colp

Received By: MBP

Completed by: Amber Dilallo
On: 06-Sep-23

Reviewed by: Ellie Hopkins
On: 11-Sep-23

Pages to follow: Chain of custody 7 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 4.0
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☑	Lab ☐	NA ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		

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

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

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

pH strip #79929/90719. - amberdilallo - 9/6/2023 8:34:47 AM

Additional Nitric Acid (92447) was needed in MW5, MW30, MW31, MW31S and MW32 upon arrival at the laboratory. Additional Sodium Hyroxide (81662) was needed in MW5 and MW6 upon arrival at the laboratory. Additional Sulfuric Acid (90128) was needed in MW20 and MW31 upon arrival at the laboratory. - amberdilallo - 9/7/2023 12:49:55 PM

pH strip #90719. - amberdilallo - 9/7/2023 12:50:53 PM

Samples collected on 9/6/23 were delivered to the laboratory on 9/6/23 at 1605 (on ice - 8.4C - LTG#1). pH strip #90719/79929 - AMD/ERH 9/7/23

Additional Nitric Acid (92447) was needed in MW12, XPW03-pore and MW08 Dup upon arrival at the laboratory. Additional Sodium Hydroxide (81662) was needed in MW7, MW8, MW12 and MW08 Dup upon arrival at the laboratory. - amberdilallo - 9/8/2023 9:00:32 AM

Samples collected on 9/7/23 were delivered to the laboratory on 9/7/23 at 1530 (on ice - 11.0C - LTG#1). pH strip #90719- AMD/ERH 9/7/23

23081489

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

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	KIN-257-141	KIN-845-141	KIN-620-141	KIN-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-01			9.5.23	1243		7	2	2	2		1					✓	✓	✓	✓		23081489-001
2	MW-02			↓	1220		7	2	2	2		1					✓	✓	✓	✓		002
3	MW-03				1414		7	2	2	2		1					✓	✓	✓	✓		003
4	MW-04				1445		3	1		1		1							✓			004
5	MW-05						7	2	2	2		1					✓	✓	✓	✓		005
6	MW-06						7	2	2	2		1					✓	✓	✓	✓		006
7	MW-07						7	2	2	2		1					✓	✓	✓	✓		007
8	MW-07S						6	2	2	2							✓	✓		✓		008
9	MW-08						7	2	2	2		1					✓	✓	✓	✓		009
10	MW-08S						6	2	2	2							✓	✓		✓		010
11	MW-09						3	1		1		1							✓			011
12	MW-10						3	1		1		1							✓			012
13	MW-11			9.5.23	1309		7	2	2	2		1					✓	✓	✓	✓		013
14	MW-12						7	2	2	2		1					✓	✓	✓	✓		014
15	MW-12S						0											✓				015
16	MW-12D						0											✓				016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
KIN-23Q3 Rev 1	J. Colp	9-5	1630	Morgan Peters	9/5/23	1630	4.0	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 9-5-23

pH ✓ 799291907?9 LTQ1
[illegible] 9/6/23

23081489

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

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	KIN-257-141	KIN-845-141	KIN-620-141	KIN-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	MW-20						6	2	2	2							✓	✓		✓		23081489-017
2	MW-20S						6	2	2	2							✓	✓		✓		018
3	MW-23			9-5-23	1340		6	2	2	2							✓	✓		✓		019
4	MW-27						6	2	2	2							✓	✓		✓		020
5	MW-28						6	2	2	2							✓	✓		✓		021
6	MW-30						6	2	2	2							✓	✓		✓		022
7	MW-31						6	2	2	2							✓	✓		✓		023
8	MW-31S						6	2	2	2							✓	✓		✓		024
9	MW-32						6	2	2	2							✓	✓		✓		025
10	PZ4A						4	2		2										✓		026
11	PZ4C						6	2	2	2							✓	✓		✓		027
12	XPW01-pore						6	2	2	2										✓		028
13	XPW02-pore						6	2	2	2										✓		029
14	XPW03-pore						6	2	2	2										✓		030
15	XPW04-pore						6	2	2	2										✓		031
16	XSG-01						0										✓	✓	✓			032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
KIN-23Q3 Rev 1	J. Cop	9-5	1630	[signature]	9/5/23	1630	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cop

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 9-5-23

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

CHAIN-OF-CUSTODY / Analytical Request Document

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

23081489

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						7	2	2	2		1					✓	✓	✓	✓		23081489-001
2	MW-02						7	2	2	2		1					✓	✓	✓	✓		002
3	MW-03						7	2	2	2		1					✓	✓	✓	✓		003
4	MW-04						3	1		1		1							✓			004
5	MW-05			9-6-23	1132		7	2	2	2		1					✓	✓	✓	✓		005
6	MW-06			9-6-23	1344		7	2	2	2		1					✓	✓	✓	✓		006
7	MW-07						7	2	2	2		1					✓	✓	✓	✓		007
8	MW-07S						6	2	2	2							✓	✓		✓		008
9	MW-08						7	2	2	2		1					✓	✓	✓	✓		009
10	MW-08S						6	2	2	2							✓	✓		✓		010
11	MW-09						3	1		1		1							✓			011
12	MW-10						3	1		1		1							✓			012
13	MW-11						7	2	2	2		1					✓	✓	✓	✓		013
14	MW-12						7	2	2	2		1					✓	✓	✓	✓		014
15	MW-12S						0											✓				015
16	MW-12D						0											✓				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-23Q3 Rev 1	J. Colp	9-6	1605	Maryam Peter	9/6/23	1605	8.4	Y	N	

PH 90719/79929 AC 9/7/23
Added HNO3(92447) to MW5, MW30, MW31, MW31S, MW32
Added NaOH(82160) to MW5, MW6
Added H2SO4(90218) to MW20, MW31

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Justin Colp
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 9-6-23

LTG1

CHAIN-OF-CUSTODY / Analytical Request Document

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

23081489

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

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

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-20			9-6-23	0945		6	2	2	2							✓	✓		✓		23081489-017
2	MW-20S			9-6-23	1011		6	2	2	2							✓	✓		✓		018
3	MW-23						6	2	2	2							✓	✓		✓		019
4	MW-27						6	2	2	2							✓	✓		✓		020
5	MW-28			9-6-23	1408		6	2	2	2							✓	✓		✓		021
6	MW-30				1509		6	2	2	2							✓	✓		✓		022
7	MW-31				1156		6	2	2	2							✓	✓		✓		023
8	MW-31S DRY During Fill				1229		6	2	2	2							✓	✓		✓		024
9	MW-32				1101		6	2	2	2							✓	✓		✓		025
10	PZ4A				DRY		4	2		2										✓		026
11	PZ4C ~~DRY during FH~~			↓	DRY		6	2	2	2							✓	✓		✓		027
12	XPW01-pore						10	2	2	2										✓		028
13	XPW02-pore						6	2	2	2										✓		029
14	XPW03-pore						6	2	2	2										✓		030
15	XPW04-pore						6	2	2	2										✓		031
16	XSG-01						0										✓	✓	✓			032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
KIN-23Q3 Rev 1	J. Colp	9-6	1605	Maureen Pelan	9/6/23	1605	

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:		DATE Signed (MM/DD/YY): 9-6-23				

23081489

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

ITEM #	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						7	2	2	2		1					✓	✓	✓	✓		23081489-001
2	MW-02						7	2	2	2		1					✓	✓	✓	✓		002
3	MW-03						7	2	2	2		1					✓	✓	✓	✓		003
4	MW-04						3	1		1		1							✓			004
5	MW-05						7	2	2	2		1					✓	✓	✓	✓		005
6	MW-06						7	2	2	2		1					✓	✓	✓	✓		006
7	MW-07			9-7-23	0950		7	2	2	2		1					✓	✓	✓	✓		007
8	MW-07S				DRY		6	2	2	2							✓	✓		✓		008
9	MW-08				1019		7	2	2	2		1					✓	✓	✓	✓		009
10	MW-08S				DRY		6	2	2	2							✓	✓		✓		010
11	MW-09				1057		3	1		1		1							✓			011
12	MW-10				DRY		3	1		1		1							✓			012
13	MW-11						7	2	2	2		1					✓	✓	✓	✓		013
14	MW-12			9-7-23	0919		7	2	2	2		1					✓	✓	✓	✓		014
15	MW-12S						0											✓				015
16	MW-12D						0											✓				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-23Q3 Rev 1	J. Gold	9-7	1530	Amber Dicalle	9/7/23	1530	11.0	Y	N	

SAMPLER NAME AND SIGNATURE		
PRINT Name of SAMPLER:	Justin Gold	
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 9-7-23

pH ✓ 90719
Added HNO3(92447) to mw12, XP1003-pore & mw08 Dup.
Added NaOH to mw07, mw08, mw12, & mw08 Dup. SRM 9/8/23

LTCA

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

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-20						6	2	2	2						✓	✓		✓		23081489-017
2	MW-20S						6	2	2	2						✓	✓		✓		018
3	MW-23						6	2	2	2						✓	✓		✓		019
4	MW-27			9-7-23	DRY		6	2	2	2						✓	✓		✓		020
5	MW-28						6	2	2	2						✓	✓		✓		021
6	MW-30						6	2	2	2						✓	✓		✓		022
7	MW-31						6	2	2	2						✓	✓		✓		023
8	MW-31S Still DRY			9-7-23	DRY		6	2	2	2						✓	✓		✓		024
9	MW-32						6	2	2	2						✓	✓		✓		025
10	PZ4A						4	2		2									✓		026
11	PZ4C						6	2	2	2						✓	✓		✓		027
12	XPW01-pore			9-7-23	1123		6	2	2	2									✓		028
13	XPW02-pore			↓	1220		6	2	2	2									✓		029
14	XPW03-pore				1314		6	2	2	2									✓		030
15	XPW04-pore			↓	1340		6	2	2	2									✓		031
16	XSG-01						0									✓	✓	✓			032

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
KIN-23Q3 Rev 1	J. Cole	9-7	1530	[signature]	9/7/23	1530	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Cole

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 9-7-23

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

CHAIN-OF-CUSTODY / Analytical Request Document

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

a3081489

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 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

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

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	YSG-02						0										✓	✓	✓			a3081489-033
2	Field Blank			9-7-23	1358		7	2	2	2		1					✓	✓	✓	✓		034
3	MW-08 Duplicate			9-7-23	1019		7	2	2	2		1					✓	✓	✓	✓		035
4																						
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-23Q3 Rev 1	J. Cole	9-7	1530	Amber DeCalla	9/7/23	1530	

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Cole					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 9-7-23				

October 13, 2023

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

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

RE: KIN-23Q3 **WorkOrder:** 23081490

Dear Eric Bauer:

TEKLAB, INC received 27 samples on 9/7/2023 3:30:00 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: 23081490
Client Project: KIN-23Q3
Report Date: 13-Oct-23

This reporting package includes the following:

Definitions

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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

Definitions

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

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-23Q3

Work Order: 23081490
Report Date: 13-Oct-23

Cooler Receipt Temp: 4.0 °C

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

MW-07S, MW-08S, MW-10, MW-27, PZ4A, and PZ4C could not be collected; the wells were dry. MW-31S went dry during sample collection (insufficient volume provided).

Ra226/228 analysis was performed by Eurofins St. Louis. Please 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:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	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		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville

Laboratory Results

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

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081490-001 **Client Sample ID:** MW-01

Matrix: GROUNDWATER **Collection Date:** 09/05/2023 12:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:02	R337707

Laboratory Results

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

Client: Ramboll
Work Order: 23081490
Client Project: KIN-23Q3
Report Date: 13-Oct-23
Lab ID: 23081490-002
Client Sample ID: MW-02
Matrix: GROUNDWATER
Collection Date: 09/05/2023 12:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:07	R337707

Laboratory Results

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

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081490-003 **Client Sample ID:** MW-03

Matrix: GROUNDWATER **Collection Date:** 09/05/2023 14:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:08	R337707

Laboratory Results

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

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081490-004 **Client Sample ID:** MW-04

Matrix: GROUNDWATER **Collection Date:** 09/05/2023 14:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:08	R337707

Laboratory Results

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

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081490-005 **Client Sample ID:** MW-05

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 11:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:08	R337707

Laboratory Results

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

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081490-006 **Client Sample ID:** MW-06

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 13:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:08	R337707

Laboratory Results

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

Client: Ramboll
Work Order: 23081490
Client Project: KIN-23Q3
Report Date: 13-Oct-23
Lab ID: 23081490-007
Client Sample ID: MW-07
Matrix: GROUNDWATER
Collection Date: 09/07/2023 9:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:08	R337707

Laboratory Results

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

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081490-009 **Client Sample ID:** MW-08

Matrix: GROUNDWATER **Collection Date:** 09/07/2023 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:08	R337707

Laboratory Results

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

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081490-011 **Client Sample ID:** MW-09

Matrix: GROUNDWATER **Collection Date:** 09/07/2023 10:57

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:09	R337707

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081490-013 **Client Sample ID:** MW-11

Matrix: GROUNDWATER **Collection Date:** 09/05/2023 13:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:09	R337707

Laboratory Results

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081490-014 **Client Sample ID:** MW-12

Matrix: GROUNDWATER **Collection Date:** 09/07/2023 9:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:09	R337707

Laboratory Results

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

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081490-015 **Client Sample ID:** MW-20

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 9:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:09	R337707

Laboratory Results

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081490-016 **Client Sample ID:** MW-20S

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 10:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:09	R337707

Laboratory Results

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

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081490-017 **Client Sample ID:** MW-23

Matrix: GROUNDWATER **Collection Date:** 09/05/2023 13:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:09	R337707

Laboratory Results

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

Client: Ramboll
Work Order: 23081490
Client Project: KIN-23Q3
Report Date: 13-Oct-23
Lab ID: 23081490-019
Client Sample ID: MW-28
Matrix: GROUNDWATER
Collection Date: 09/06/2023 14:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:09	R337707

Laboratory Results

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

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081490-020 **Client Sample ID:** MW-30

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 13:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:09	R337707

Laboratory Results

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

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081490-021 **Client Sample ID:** MW-31

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 11:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:10	R337707

Laboratory Results

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

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081490-023 **Client Sample ID:** MW-32

Matrix: GROUNDWATER **Collection Date:** 09/06/2023 11:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:10	R337707

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081490-026 **Client Sample ID:** Field Blank

Matrix: GROUNDWATER **Collection Date:** 09/07/2023 13:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:10	R337707

Teklab, Inc. Environmental Laboratory

Laboratory Results

http://www.teklabinc.com/

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Lab ID: 23081490-027 **Client Sample ID:** MW-08 Duplicate

Matrix: GROUNDWATER **Collection Date:** 09/07/2023 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		**See Attached**		1	10/03/2023 12:10	R337707

Teklab, Inc.
Environmental Laboratory

Sample Summary

Client: Ramboll
Client Project: KIN-23Q3

Work Order: 23081490
Report Date: 13-Oct-23

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
23081490-001	MW-01	Groundwater	1	09/05/2023 12:43
23081490-002	MW-02	Groundwater	1	09/05/2023 12:20
23081490-003	MW-03	Groundwater	1	09/05/2023 14:14
23081490-004	MW-04	Groundwater	1	09/05/2023 14:45
23081490-005	MW-05	Groundwater	1	09/06/2023 11:32
23081490-006	MW-06	Groundwater	1	09/06/2023 13:44
23081490-007	MW-07	Groundwater	1	09/07/2023 9:50
23081490-008	MW-07S	Groundwater	1	
23081490-009	MW-08	Groundwater	1	09/07/2023 10:19
23081490-010	MW-08S	Groundwater	1	
23081490-011	MW-09	Groundwater	1	09/07/2023 10:57
23081490-012	MW-10	Groundwater	1	
23081490-013	MW-11	Groundwater	1	09/05/2023 13:09
23081490-014	MW-12	Groundwater	1	09/07/2023 9:19
23081490-015	MW-20	Groundwater	1	09/06/2023 9:45
23081490-016	MW-20S	Groundwater	1	09/06/2023 10:11
23081490-017	MW-23	Groundwater	1	09/05/2023 13:40
23081490-018	MW-27	Groundwater	1	
23081490-019	MW-28	Groundwater	1	09/06/2023 14:08
23081490-020	MW-30	Groundwater	1	09/06/2023 13:09
23081490-021	MW-31	Groundwater	1	09/06/2023 11:56
23081490-022	MW-31S	Groundwater	1	09/06/2023 12:29
23081490-023	MW-32	Groundwater	1	09/06/2023 11:01
23081490-024	PZ4A	Groundwater	1	09/06/2023 0:00
23081490-025	PZ4C	Groundwater	1	09/06/2023 0:00
23081490-026	Field Blank	Groundwater	1	09/07/2023 13:58
23081490-027	MW-08 Duplicate	Groundwater	1	09/07/2023 10:19

Dates Report

Client: Ramboll **Work Order:** 23081490

Client Project: KIN-23Q3 **Report Date:** 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
23081490-001A	MW-01	09/05/2023 12:43	09/05/2023 16:30		
	See Attached for Subcontracting Analysis				10/03/2023 12:02
23081490-002A	MW-02	09/05/2023 12:20	09/05/2023 16:30		
	See Attached for Subcontracting Analysis				10/03/2023 12:07
23081490-003A	MW-03	09/05/2023 14:14	09/05/2023 16:30		
	See Attached for Subcontracting Analysis				10/03/2023 12:08
23081490-004A	MW-04	09/05/2023 14:45	09/05/2023 16:30		
	See Attached for Subcontracting Analysis				10/03/2023 12:08
23081490-005A	MW-05	09/06/2023 11:32	09/06/2023 16:05		
	See Attached for Subcontracting Analysis				10/03/2023 12:08
23081490-006A	MW-06	09/06/2023 13:44	09/06/2023 16:05		
	See Attached for Subcontracting Analysis				10/03/2023 12:08
23081490-007A	MW-07	09/07/2023 9:50	09/07/2023 15:30		
	See Attached for Subcontracting Analysis				10/03/2023 12:08
23081490-009A	MW-08	09/07/2023 10:19	09/07/2023 15:30		
	See Attached for Subcontracting Analysis				10/03/2023 12:08
23081490-011A	MW-09	09/07/2023 10:57	09/07/2023 15:30		
	See Attached for Subcontracting Analysis				10/03/2023 12:09
23081490-013A	MW-11	09/05/2023 13:09	09/05/2023 16:30		
	See Attached for Subcontracting Analysis				10/03/2023 12:09
23081490-014A	MW-12	09/07/2023 9:19	09/07/2023 15:30		
	See Attached for Subcontracting Analysis				10/03/2023 12:09
23081490-015A	MW-20	09/06/2023 9:45	09/06/2023 16:05		
	See Attached for Subcontracting Analysis				10/03/2023 12:09
23081490-016A	MW-20S	09/06/2023 10:11	09/06/2023 16:05		
	See Attached for Subcontracting Analysis				10/03/2023 12:09
23081490-017A	MW-23	09/05/2023 13:40	09/05/2023 16:30		
	See Attached for Subcontracting Analysis				10/03/2023 12:09
23081490-019A	MW-28	09/06/2023 14:08	09/06/2023 16:05		
	See Attached for Subcontracting Analysis				10/03/2023 12:09
23081490-020A	MW-30	09/06/2023 13:09	09/06/2023 16:05		
	See Attached for Subcontracting Analysis				10/03/2023 12:09
23081490-021A	MW-31	09/06/2023 11:56	09/06/2023 16:05		
	See Attached for Subcontracting Analysis				10/03/2023 12:10
23081490-023A	MW-32	09/06/2023 11:01	09/06/2023 16:05		

Dates Report

Client: Ramboll
Work Order: 23081490
Client Project: KIN-23Q3
Report Date: 13-Oct-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	See Attached for Subcontracting Analysis				10/03/2023 12:10
23081490-026A	Field Blank	09/07/2023 13:58	09/07/2023 15:30		
	See Attached for Subcontracting Analysis				10/03/2023 12:10
23081490-027A	MW-08 Duplicate	09/07/2023 10:19	09/07/2023 15:30		
	See Attached for Subcontracting Analysis				10/03/2023 12:10

Teklab, Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Ramboll
Work Order: 23081490
Client Project: KIN-23Q3
Report Date: 13-Oct-23

Carrier: Justin Colp
Received By: MBP

Completed by: Amber Dilallo
On: 06-Sep-23

Reviewed by: Ellie Hopkins
On: 11-Sep-23

Pages to follow: Chain of custody 7 Extra pages included 26

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 4.0
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.				
Water – at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☑	
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☑	NA ☐	
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑	

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

pH strip #90719. - amberdilallo - 9/6/2023 8:35:47 AM

Additional Nitric Acid (92447) was needed upon in MW-05, MW-20, MW-20, MW-28, MW-30, MW-31 and MW-32 arrival at the laboratory. - amberdilallo - 9/7/2023 12:45:28 PM

pH strip #90719. - amberdilallo - 9/7/2023 12:46:01 PM

Samples collected on 9/6/23 were delivered to the laboratory on 9/6/23 at 1605 (on ice - 8.4C - LTG#1). pH strip #90719 - AMD/ERH 9/7/23

Samples collected on 9/7/23 were delivered to the laboratory on 9/7/23 at 1530 (on ice - 11.0C - LTG#1). pH strip #90719 - AMD/ERH 9/7/23

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

23081490

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

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			9.5.23	1245		2			2						✓	✓	✓			23081490 - 001
2	MW-02				1220		2			2						✓	✓	✓			002
3	MW-03				1414		2			2						✓	✓	✓			003
4	MW-04				1445		2			2								✓			004
5	MW-05						2			2						✓	✓	✓			005
6	MW-06						2			2						✓	✓	✓			006
7	MW-07						2			2						✓	✓	✓			007
8	MW-07S						2			2						✓	✓				008
9	MW-08						2			2						✓	✓	✓			009
10	MW-08S						2			2						✓	✓				010
11	MW-09						2			2								✓			011
12	MW-10						2			2								✓			012
13	MW-11			9.5.23	1309		2			2						✓	✓	✓			013
14	MW-12						2			2						✓	✓	✓			014
15	MW-12S																				
16	MW-12D																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
KIN-23Q3 Rev 1	J. Colp	9-5	1630	Maryam Peeran	9/5/23	1630
Ra226/228 only.						

SAMPLE CONDITIONS			
4.0	Y	N	Y
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): 9-5-23

Confidential

PH J 9079 9/6/23 LTC1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

23081490

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-20						2			2							✓	✓				23081490-015
2	MW-20S						2			2							✓	✓				016
3	MW-23			9.5.23	1340		2			2							✓	✓				017
4	MW-27						2			2							✓	✓				018
5	MW-28						2			2							✓	✓				019
6	MW-30						2			2							✓	✓				020
7	MW-31						2			2							✓	✓				021
8	MW-31S						2			2							✓	✓				022
9	MW-32						2			2							✓	✓				023
10	PZ4A						2			2										✓		024
11	PZ4C						2			2							✓	✓				025
12	XPW01-pore																					
13	XPW02-pore																					
14	XPW03-pore																					
15	XPW04-pore																					
16	XSG-01																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
KIN-23Q3 Rev 1	J. Colp	9-5	1630	Maryann Phillips	9/5/23	1630	
Ra226/228 only.							

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp

DATE Signed (MM/DD/YY): 9-5-23

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

23081490

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

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						2			2							✓	✓	✓			23081490-001
2	MW-02						2			2							✓	✓	✓			002
3	MW-03						2			2							✓	✓	✓			003
4	MW-04						2			2									✓			004
5	MW-05			9-6-23	1132		2			2							✓	✓	✓			005
6	MW-06			9-6-23	1349		2			2							✓	✓	✓			006
7	MW-07						2			2							✓	✓	✓			007
8	MW-07S						2			2							✓	✓				008
9	MW-08						2			2							✓	✓	✓			009
10	MW-08S						2			2							✓	✓				010
11	MW-09						2			2									✓			011
12	MW-10						2			2									✓			012
13	MW-11						2			2							✓	✓	✓			013
14	MW-12						2			2							✓	✓	✓			014
15	MW-12S																					
16	MW-12D																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
KIN-23Q3 Rev 1	J. Colp	9-6	1605	Maryann Peters	9/6/23	1605	8H Y N
Ra226/228, only.							

Added HNO3 (92447) to MW-05, MW-20, MW-20S, MW-28, MW-30, MW-31 & MW-32. DHV 90719 ISM 91313

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:		DATE Signed (MM/DD/YY): 9-6-23				

Confidential

27Q1

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

23081490

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	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-20			9-6-23	0945		2			2						✓	✓				23081490-015
2	MW-20S			9-6-23	1011		2			2						✓	✓				016
3	MW-23						2			2						✓	✓				017
4	MW-27						2			2						✓	✓				018
5	MW-28			9-6-23	1408		2			2						✓	✓				019
6	MW-30				1309		2			2						✓	✓				020
7	MW-31				1156		2			2						✓	✓				021
8	MW-31S DRY during Fill				1229		2			2						✓	✓				022
9	MW-32				1101		2			2						✓	✓				023
10	PZ4A				DRY		2			2									✓		024
11	PZ4C			↓	DRY		2			2						✓	✓				025
12	XPW01-pore																				
13	XPW02-pore																				
14	XPW03-pore																				
15	XPW04-pore																				
16	XSG-01																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
KIN-23Q3 Rev 1	J. Colp	9-6	1605	Maryann Phillips	9/6/23	1605	
Ra226/228 only.							

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Justin Colp

SIGNATURE of SAMPLER: Justin Colp DATE Signed (MM/DD/YY): 9-6-23

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

23081490

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

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						2			2							✓	✓	✓			23081490-001
2	MW-02						2			2							✓	✓	✓			002
3	MW-03						2			2							✓	✓	✓			003
4	MW-04						2			2									✓			004
5	MW-05						2			2							✓	✓	✓			005
6	MW-06						2			2							✓	✓	✓			006
7	MW-07			9-7-23	0950		2			2							✓	✓	✓			007
8	MW-07S				DRY		2			2							✓	✓				008
9	MW-08				1019		2			2							✓	✓	✓			009
10	MW-08S				DRY		2			2							✓	✓				010
11	MW-09				1057		2			2									✓			011
12	MW-10				DRY		2			2									✓			012
13	MW-11						2			2							✓	✓	✓			013
14	MW-12			9-7-23	0919		2			2							✓	✓	✓			014
15	MW-12S																					
16	MW-12D																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
KIN-23Q3 Rev 1	J. Colp	9-7	1532	Amber DeCelles	9/7/23	1530	1.0	Y	N	
Ra226/228 only.										

PH: 90719 on 9/7

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Colp		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 9-7-23				

LTC1

Confidential

23081490

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	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-20						2			2							✓	✓				23081490-015
2	MW-20S						2			2							✓	✓				016
3	MW-23						2			2							✓	✓				017
4	MW-27			9-7-23	DRY		2			2							✓	✓				018
5	MW-28						2			2							✓	✓				019
6	MW-30						2			2							✓	✓				020
7	MW-31						2			2							✓	✓				021
8	MW-31S Still DRY			9-7-23	DRY		2			2							✓	✓				022
9	MW-32						2			2							✓	✓				023
10	PZ4A						2			2										✓		024
11	PZ4C						2			2							✓	✓				025
12	XPW01-pore			9-7-23	1123																	
13	XPW02-pore			↓	1220																	
14	XPW03-pore				1314																	
15	XPW04-pore			↓	1340																	
16	XSG-01																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
KIN-23Q3 Rev 1	J. Colp	9-7	1530	Debra Villella	9/7/23	1530	
Ra226/228 only.							

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:		DATE Signed (MM/DD/YY): 9-7-23				

23081490

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 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

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

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	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	YSG-02						1															
2	Field Blank			9-7-23	1358		2			2							✓	✓	✓	✓		23081490-026
3	MW-08 Duplicate			9-7-23	1019		2			2							✓	✓	✓			027
4																						
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-23Q3 Rev 1	J. Colp	9-7	1530	Amber Qualls	9/7/23	1530	
Ra-226/228 only.							

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Justin Colp				
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY):	9-7-23	Temp in °C	Received on ice (Y/N) / Custody Sealed Cooler (Y/N) / Samples Intact (Y/N)

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/9/2023 4:50:20 PM

JOB DESCRIPTION

Radium-226 and Radium-228
SDG NUMBER 23081490

JOB NUMBER

160-51417-1

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

Rhonda Ridenhower

Generated
10/9/2023 4:50:20 PM

Authorized for release by
Rhonda Ridenhower, Business Unit Manager
Rhonda.Ridenhower@et.eurofinsus.com
Designee for
Jayna Awalt, Project Manager II
Jayna.Awalt@et.eurofinsus.com
(314)298-8566

Table of Contents

Case Narrative

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

Job ID: 160-51417-1
SDG: 23081490

Job ID: 160-51417-1

Laboratory: Eurofins St. Louis

Narrative

Job Narrative
160-51417-1

Receipt
The samples were received on 9/12/2023 1:45 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved. The temperatures of the 3 coolers at receipt time were 18.1º C, 18.1º C and 18.9º C.

Receipt Exceptions
The following samples were listed on the Chain of Custody (COC); however, no samples were received: 23081490-008A (160-51417-8), 23081490-010A (160-51417-10), 23081490-012A (160-51417-12), 23081490-018A (160-51417-18), 23081490-024A (160-51417-24) and 23081490-025A (160-51417-25). The samples state "dry" on the sample date and time.

The following sample was listed on the Chain of Custody (COC); however, no sample was received: 23081490-022A (160-51417-22).

RAD
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.

Radium-228 Prep batch 628012
The detection goal was not met for the following sample. Sample was prepped at a reduced volume due to the presence of matrix interferences: 23081490-002A (160-51417-2). 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.

TEKLAB, INC. Chain of Custody

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

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

Teklab Inc
5445 Horseshoe Lake Road
Collinsville, IL 62234

Cooler Temp: Sampler: QC Level: 3

Project# 23081490

Comments: **Please Issue reports and invoices via email only**
Please analyze for Radium 22/228 per standard GW methods.
Changes to methods must be approved by Teklab, Inc.
Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Contact: Elizabeth Hurley Email: ehurley@teklabinc.com
Requested Due Date: Standad TAT Billing/PO: 34920 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	Ra226	Ra228
	23081490-001A	9/5/23 12:43	HNO3	Groundwater	✔	✔	✔
	23081490-002A	9/5/23 12:20	HNO3	Groundwater	✔	✔	✔
	23081490-003A	9/5/23 14:14	HNO3	Groundwater	✔	✔	✔
	23081490-004A	9/5/23 14:45	HNO3	Groundwater	✔	✔	✔
	23081490-005A	9/6/23 11:32	HNO3	Groundwater	✔	✔	✔
	23081490-006A	9/6/23 13:44	HNO3	Groundwater	✔	✔	✔
	23081490-007A	9/7/23 9:50	HNO3	Groundwater	✔	✔	✔
	23081490-008A	Dry	HNO3	Groundwater	✔		
	23081490-009A	9/7/23 10:19	HNO3	Groundwater	✔	✔	✔
	23081490-010A	Dry	HNO3	Groundwater	✔		
	23081490-011A	9/7/23 10:57	HNO3	Groundwater	✔	✔	✔

160-51417 Chain of Custody

*Relinquished By	Date/Time	Received By	Date/Time
[signature]	9/11/23	[signature]	9-12-23 11:00am
[signature]	9-12-23 1:38 pm	Sierra Worthington	~~9/13/23~~ 9/12/23 1345

SubCocRevA
3/2/2016

TEKLAB, INC. Chain of Custody

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

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

Teklab Inc
5445 Horseshoe Lake Road
Collinsville, IL 62234

Cooler Temp: Sampler: QC Level: 3

Comments: **Please Issue reports and invoices via email only**
Please analyze for Radium 22/228 per standard GW methods.
Changes to methods must be approved by Teklab, Inc.
Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Project# 23081490

Contact: Elizabeth Hurley
Email: ehurley@teklabinc.com
Requested Due Date: Standad TAT
Billing/PO: 34920
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	Ra226	Ra228
	23081490-012A	Dry	HNO3	Groundwater	✔	✔	✔
	23081490-013A	9/5/23 13:09	HNO3	Groundwater	✔	✔	✔
	23081490-014A	9/7/23 9:19	HNO3	Groundwater	✔	✔	✔
	23081490-015A	9/6/23 9:45	HNO3	Groundwater	✔		
	23081490-016A	9/6/23 10:11	HNO3	Groundwater	✔		
	23081490-017A	9/5/23 13:40	HNO3	Groundwater	✔		
	23081490-018A	Dry	HNO3	Groundwater	✔		
	23081490-019A	9/6/23 14:08	HNO3	Groundwater	✔		
	23081490-020A	9/6/23 13:09	HNO3	Groundwater	✔		
	23081490-021A	9/6/23 11:56	HNO3	Groundwater	✔		
	23081490-022A	9/6/23 12:29	HNO3	Groundwater	✔		

*Relinquished By	Date/Time	Received By	Date/Time
[signature]	9/11/23	[signature]	9-12-23 11:00 am
[signature]	9-12-23 1:39pm	Sierra Worthington	~~9/13/23~~ 9/12/23 1345

SubCocRevA
3/2/2016

TEKLAB, INC. Chain of Custody

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

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

Teklab Inc
5445 Horseshoe Lake Road
Collinsville, IL 62234

Cooler Temp: | Sampler: | QC Level: 3

Comments: **Please Issue reports and invoices via email only**
Please analyze for Radium 22/228 per standard GW methods.
Changes to methods must be approved by Teklab, Inc.
Batch QC is required for all analyses requested. Excel EDD requested. IL site.

Project# 23081490

Contact: Elizabeth Hurley | Email: ehurley@teklabinc.com
Requested Due Date: Standad TAT | Billing/PO: 34920
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	Ra226	Ra228
	23081490-023A	9/6/23 11:01	HNO3	Groundwater	✔		
	23081490-024A	Dry	HNO3	Groundwater	✔		
	23081490-025A	Dry	HNO3	Groundwater	✔		
	23081490-026A	9/7/23 13:58	HNO3	Groundwater	✔	✔	✔
	23081490-027A	9/7/23 10:19	HNO3	Groundwater	✔	✔	✔
			HNO3	Groundwater			
			HNO3	Groundwater			
			HNO3	Groundwater			
			HNO3	Groundwater			
			HNO3	Groundwater			
			HNO3	Groundwater			

*Relinquished By	Date/Time	Received By	Date/Time
	9/11/23		
	9-12-23 1:39pm	Sierra Worthington	9-12-23 11:00am 1345 9/12/23

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)

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ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2023
KINCAID POWER PLANT, ASH POND
KIN-845-141

10/9/2023

Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-51417-1
SDG Number: 23081490

Login Number: 51417
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?	True	
There are no discrepancies between the containers received and the COC.	False	Samples marked Dry on COC not received
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.	False	Sample 22 was not received
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: 160-51417-1
SDG: 23081490

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: 160-51417-1
SDG: 23081490

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: 160-51417-1
SDG: 23081490

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-51417-1	23081490-001A	Water	09/05/23 12:43	09/12/23 13:45
160-51417-2	23081490-002A	Water	09/05/23 12:20	09/12/23 13:45
160-51417-3	23081490-003A	Water	09/05/23 14:14	09/12/23 13:45
160-51417-4	23081490-004A	Water	09/05/23 14:45	09/12/23 13:45
160-51417-5	23081490-005A	Water	09/06/23 11:32	09/12/23 13:45
160-51417-6	23081490-006A	Water	09/06/23 13:44	09/12/23 13:45
160-51417-7	23081490-007A	Water	09/07/23 09:50	09/12/23 13:45
160-51417-9	23081490-009A	Water	09/07/23 10:19	09/12/23 13:45
160-51417-11	23081490-011A	Water	09/07/23 10:57	09/12/23 13:45
160-51417-13	23081490-013A	Water	09/05/23 13:09	09/12/23 13:45
160-51417-14	23081490-014A	Water	09/07/23 09:19	09/12/23 13:45
160-51417-15	23081490-015A	Water	09/06/23 09:45	09/12/23 13:45
160-51417-16	23081490-016A	Water	09/06/23 10:11	09/12/23 13:45
160-51417-17	23081490-017A	Water	09/05/23 13:40	09/12/23 13:45
160-51417-19	23081490-019A	Water	09/06/23 14:08	09/12/23 13:45
160-51417-20	23081490-020A	Water	09/06/23 13:09	09/12/23 13:45
160-51417-21	23081490-021A	Water	09/06/23 11:56	09/12/23 13:45
160-51417-23	23081490-023A	Water	09/06/23 11:01	09/12/23 13:45
160-51417-26	23081490-026A	Water	09/07/23 13:58	09/12/23 13:45
160-51417-27	23081490-027A	Water	09/07/23 10:19	09/12/23 13:45

Client Sample Results

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

Job ID: 160-51417-1
SDG: 23081490

Client Sample ID: 23081490-001A
Date Collected: 09/05/23 12:43
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-1
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	0.00643	U	0.0926	0.0926	1.00	0.182	pCi/L	09/14/23 09:54	10/06/23 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.0*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:58*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.597**		0.361	0.365	1.00	0.516	pCi/L	09/14/23 09:57	10/03/23 12:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.0*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:02*	*1*
Y Carrier	*74.4*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:02*	*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	**0.603**		0.373	0.377	5.00	0.516	pCi/L		10/09/23 11:37	1

Client Sample ID: 23081490-002A
Date Collected: 09/05/23 12:20
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-2
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	0.124	U	0.247	0.247	1.00	0.448	pCi/L	09/14/23 09:54	10/06/23 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*55.8*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:58*	*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	U G	1.19	1.19	1.00	1.94	pCi/L	09/14/23 09:57	10/03/23 12:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*55.8*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:07*	*1*
Y Carrier	*78.5*		*30 - 110*	*09/14/23 09:57*	*10/03/23 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	1.17	U	1.22	1.22	5.00	1.94	pCi/L		10/09/23 11:37	1

Client Sample Results

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

Job ID: 160-51417-1
SDG: 23081490

Client Sample ID: 23081490-003A
Date Collected: 09/05/23 14:14
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-3
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	0.0876	U	0.0974	0.0978	1.00	0.155	pCi/L	09/14/23 09:54	10/06/23 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.7*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:58*	*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	**0.675**		0.417	0.422	1.00	0.599	pCi/L	09/14/23 09:57	10/03/23 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.7*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:08*	*1*
Y Carrier	*80.7*		*30 - 110*	*09/14/23 09:57*	*10/03/23 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	**0.762**		0.428	0.433	5.00	0.599	pCi/L		10/09/23 11:37	1

Client Sample ID: 23081490-004A
Date Collected: 09/05/23 14:45
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-4
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	**0.201**		0.121	0.123	1.00	0.152	pCi/L	09/14/23 09:54	10/06/23 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:58*	*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	**0.957**		0.529	0.536	1.00	0.762	pCi/L	09/14/23 09:57	10/03/23 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:08*	*1*
Y Carrier	*73.3*		*30 - 110*	*09/14/23 09:57*	*10/03/23 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	**1.16**		0.543	0.550	5.00	0.762	pCi/L		10/09/23 11:37	1

Client Sample Results

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

Job ID: 160-51417-1
SDG: 23081490

Client Sample ID: 23081490-005A
Date Collected: 09/06/23 11:32
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-5
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	0.212		0.145	0.146	1.00	0.206	pCi/L	09/14/23 09:54	10/06/23 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.8*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:58*	*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	-0.0129	U	0.330	0.330	1.00	0.624	pCi/L	09/14/23 09:57	10/03/23 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.8*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:08*	*1*
Y Carrier	*77.8*		*30 - 110*	*09/14/23 09:57*	*10/03/23 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	0.212	U	0.360	0.361	5.00	0.624	pCi/L		10/09/23 11:37	1

Client Sample ID: 23081490-006A
Date Collected: 09/06/23 13:44
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-6
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	0.105	U	0.0959	0.0964	1.00	0.145	pCi/L	09/14/23 09:54	10/06/23 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.3*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:58*	*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	0.360	U	0.332	0.334	1.00	0.527	pCi/L	09/14/23 09:57	10/03/23 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.3*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:08*	*1*
Y Carrier	*84.5*		*30 - 110*	*09/14/23 09:57*	*10/03/23 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	0.465	U	0.346	0.348	5.00	0.527	pCi/L		10/09/23 11:37	1

Client Sample Results

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

Job ID: 160-51417-1
SDG: 23081490

Client Sample ID: 23081490-007A
Date Collected: 09/07/23 09:50
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-7
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	0.0725	U	0.107	0.107	1.00	0.183	pCi/L	09/14/23 09:54	10/06/23 11:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.8*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:59*	*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	**0.661**		0.393	0.398	1.00	0.572	pCi/L	09/14/23 09:57	10/03/23 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.8*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:08*	*1*
Y Carrier	*82.2*		*30 - 110*	*09/14/23 09:57*	*10/03/23 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	**0.733**		0.407	0.412	5.00	0.572	pCi/L		10/09/23 11:37	1

Client Sample ID: 23081490-009A
Date Collected: 09/07/23 10:19
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-9
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	0.0204	U	0.0740	0.0740	1.00	0.144	pCi/L	09/14/23 09:54	10/06/23 11:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.0*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:59*	*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	0.349	U	0.286	0.288	1.00	0.438	pCi/L	09/14/23 09:57	10/03/23 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.0*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:08*	*1*
Y Carrier	*84.1*		*30 - 110*	*09/14/23 09:57*	*10/03/23 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	0.369	U	0.295	0.297	5.00	0.438	pCi/L		10/09/23 11:37	1

Client Sample Results

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

Job ID: 160-51417-1
SDG: 23081490

Client Sample ID: 23081490-011A
Date Collected: 09/07/23 10:57
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-11
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	0.102	U	0.144	0.144	1.00	0.244	pCi/L	09/14/23 09:54	10/06/23 11:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.6*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:59*	*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	0.465	U	0.466	0.468	1.00	0.751	pCi/L	09/14/23 09:57	10/03/23 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.6*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:09*	*1*
Y Carrier	*85.2*		*30 - 110*	*09/14/23 09:57*	*10/03/23 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	0.567	U	0.488	0.490	5.00	0.751	pCi/L		10/09/23 11:37	1

Client Sample ID: 23081490-013A
Date Collected: 09/05/23 13:09
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-13
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	0.0199	U	0.108	0.108	1.00	0.204	pCi/L	09/14/23 09:54	10/06/23 11:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.5*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:59*	*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	**0.625**		0.408	0.412	1.00	0.604	pCi/L	09/14/23 09:57	10/03/23 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.5*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:09*	*1*
Y Carrier	*75.5*		*30 - 110*	*09/14/23 09:57*	*10/03/23 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	**0.645**		0.422	0.426	5.00	0.604	pCi/L		10/09/23 11:37	1

Client Sample Results

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

Job ID: 160-51417-1
SDG: 23081490

Client Sample ID: 23081490-014A
Date Collected: 09/07/23 09:19
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-14
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	**0.244**		0.154	0.156	1.00	0.217	pCi/L	09/14/23 09:54	10/06/23 11:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.0*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:59*	*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	0.520	U	0.448	0.451	1.00	0.708	pCi/L	09/14/23 09:57	10/03/23 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.0*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:09*	*1*
Y Carrier	*72.5*		*30 - 110*	*09/14/23 09:57*	*10/03/23 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	**0.764**		0.474	0.477	5.00	0.708	pCi/L		10/09/23 11:37	1

Client Sample ID: 23081490-015A
Date Collected: 09/06/23 09:45
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-15
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	0.110	U	0.111	0.111	1.00	0.175	pCi/L	09/14/23 09:54	10/06/23 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.5*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:58*	*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	0.000	U	0.256	0.256	1.00	0.490	pCi/L	09/14/23 09:57	10/03/23 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.5*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:09*	*1*
Y Carrier	*84.5*		*30 - 110*	*09/14/23 09:57*	*10/03/23 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	0.110	U	0.279	0.279	5.00	0.490	pCi/L		10/09/23 11:37	1

Client Sample Results

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

Job ID: 160-51417-1
SDG: 23081490

Client Sample ID: 23081490-016A
Date Collected: 09/06/23 10:11
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-16
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	0.129	U	0.115	0.116	1.00	0.177	pCi/L	09/14/23 09:54	10/06/23 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.3*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:58*	*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	0.122	U	0.352	0.352	1.00	0.623	pCi/L	09/14/23 09:57	10/03/23 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.3*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:09*	*1*
Y Carrier	*78.1*		*30 - 110*	*09/14/23 09:57*	*10/03/23 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	0.250	U	0.370	0.371	5.00	0.623	pCi/L		10/09/23 11:37	1

Client Sample ID: 23081490-017A
Date Collected: 09/05/23 13:40
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-17
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	0.0536	U	0.0897	0.0898	1.00	0.157	pCi/L	09/14/23 09:54	10/06/23 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.5*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:58*	*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	-0.200	U	0.287	0.287	1.00	0.593	pCi/L	09/14/23 09:57	10/03/23 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*95.5*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:09*	*1*
Y Carrier	*78.5*		*30 - 110*	*09/14/23 09:57*	*10/03/23 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	0.0536	U	0.301	0.301	5.00	0.593	pCi/L		10/09/23 11:37	1

Client Sample Results

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

Job ID: 160-51417-1
SDG: 23081490

Client Sample ID: 23081490-019A
Date Collected: 09/06/23 14:08
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-19
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	0.0169	U	0.0852	0.0852	1.00	0.165	pCi/L	09/14/23 09:54	10/06/23 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.8*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:58*	*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	0.163	U	0.321	0.322	1.00	0.558	pCi/L	09/14/23 09:57	10/03/23 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.8*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:09*	*1*
Y Carrier	*79.6*		*30 - 110*	*09/14/23 09:57*	*10/03/23 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	0.180	U	0.332	0.333	5.00	0.558	pCi/L		10/09/23 11:37	1

Client Sample ID: 23081490-020A
Date Collected: 09/06/23 13:09
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-20
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	0.142	U	0.112	0.113	1.00	0.165	pCi/L	09/14/23 09:54	10/06/23 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.8*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:58*	*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	0.106	U	0.327	0.327	1.00	0.585	pCi/L	09/14/23 09:57	10/03/23 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*97.8*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:09*	*1*
Y Carrier	*74.4*		*30 - 110*	*09/14/23 09:57*	*10/03/23 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	0.248	U	0.346	0.346	5.00	0.585	pCi/L		10/09/23 11:37	1

Client Sample Results

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

Job ID: 160-51417-1
SDG: 23081490

Client Sample ID: 23081490-021A
Date Collected: 09/06/23 11:56
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-21
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	0.149	U	0.107	0.108	1.00	0.152	pCi/L	09/14/23 09:54	10/06/23 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.0*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:58*	*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	0.507	U	0.411	0.414	1.00	0.640	pCi/L	09/14/23 09:57	10/03/23 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.0*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:10*	*1*
Y Carrier	*72.9*		*30 - 110*	*09/14/23 09:57*	*10/03/23 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	**0.656**		0.425	0.428	5.00	0.640	pCi/L		10/09/23 11:37	1

Client Sample ID: 23081490-023A
Date Collected: 09/06/23 11:01
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-23
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	0.00310	U	0.0780	0.0780	1.00	0.158	pCi/L	09/14/23 09:54	10/06/23 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.3*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:58*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.419	U	0.434	0.436	1.00	0.704	pCi/L	09/14/23 09:57	10/03/23 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.3*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:10*	*1*
Y Carrier	*66.2*		*30 - 110*	*09/14/23 09:57*	*10/03/23 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	0.422	U	0.441	0.443	5.00	0.704	pCi/L		10/09/23 11:37	1

Client Sample Results

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

Job ID: 160-51417-1
SDG: 23081490

Client Sample ID: 23081490-026A
Date Collected: 09/07/23 13:58
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-26
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	-0.0212	U	0.0817	0.0818	1.00	0.177	pCi/L	09/14/23 09:54	10/06/23 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.6*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:58*	*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	0.191	U	0.273	0.274	1.00	0.462	pCi/L	09/14/23 09:57	10/03/23 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.6*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:10*	*1*
Y Carrier	*79.6*		*30 - 110*	*09/14/23 09:57*	*10/03/23 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	0.191	U	0.285	0.286	5.00	0.462	pCi/L		10/09/23 11:37	1

Client Sample ID: 23081490-027A
Date Collected: 09/07/23 10:19
Date Received: 09/12/23 13:45

Lab Sample ID: 160-51417-27
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	0.0348	U	0.0930	0.0930	1.00	0.171	pCi/L	09/14/23 09:54	10/06/23 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*101*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:58*	*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	0.0840	U	0.329	0.329	1.00	0.598	pCi/L	09/14/23 09:57	10/03/23 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*101*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:10*	*1*
Y Carrier	*70.3*		*30 - 110*	*09/14/23 09:57*	*10/03/23 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	0.119	U	0.342	0.342	5.00	0.598	pCi/L		10/09/23 11:37	1

QC Sample Results

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

Job ID: 160-51417-1
SDG: 23081490

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-628007/1-A
Matrix: Water
Analysis Batch: 631027

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 628007

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.004170	U	0.0727	0.0727	1.00	0.153	pCi/L	09/14/23 09:54	10/06/23 11:58	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*101*		*30 - 110*	*09/14/23 09:54*	*10/06/23 11:58*	*1*

Lab Sample ID: LCS 160-628007/2-A
Matrix: Water
Analysis Batch: 631027

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 628007

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			11.3	9.621		1.08	1.00	0.168	pCi/L	85	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*101*		*30 - 110*

Lab Sample ID: 160-51417-19 DU
Matrix: Water
Analysis Batch: 631000

Client Sample ID: 23081490-019A
Prep Type: Total/NA
Prep Batch: 628007

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0169	U		-0.00107 7	U	0.0876	1.00	0.177	pCi/L			0.10	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*93.8*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-628012/1-A
Matrix: Water
Analysis Batch: 630408

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 628012

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.008313	U	0.250	0.250	1.00	0.472	pCi/L	09/14/23 09:57	10/03/23 12:02	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*101*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:02*	*1*
Y Carrier	*85.2*		*30 - 110*	*09/14/23 09:57*	*10/03/23 12:02*	*1*

QC Sample Results

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

Job ID: 160-51417-1
SDG: 23081490

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

Lab Sample ID: LCS 160-628012/2-A
Matrix: Water
Analysis Batch: 630408

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 628012

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.83	8.203		1.16	1.00	0.458	pCi/L	105	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*101*		*30 - 110*
Y Carrier	*81.1*		*30 - 110*

Lab Sample ID: 160-51417-19 DU
Matrix: Water
Analysis Batch: 630528

Client Sample ID: 23081490-019A
Prep Type: Total/NA
Prep Batch: 628012

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.163	U		0.06906	U	0.290	1.00	0.530	pCi/L			0.15	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*93.8*		*30 - 110*
Y Carrier	*79.3*		*30 - 110*

QC Association Summary

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

Job ID: 160-51417-1
SDG: 23081490

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Prep Batch: 628007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-51417-1	23081490-001A	Total/NA	Water	PrecSep-21	
160-51417-2	23081490-002A	Total/NA	Water	PrecSep-21	
160-51417-3	23081490-003A	Total/NA	Water	PrecSep-21	
160-51417-4	23081490-004A	Total/NA	Water	PrecSep-21	
160-51417-5	23081490-005A	Total/NA	Water	PrecSep-21	
160-51417-6	23081490-006A	Total/NA	Water	PrecSep-21	
160-51417-7	23081490-007A	Total/NA	Water	PrecSep-21	
160-51417-9	23081490-009A	Total/NA	Water	PrecSep-21	
160-51417-11	23081490-011A	Total/NA	Water	PrecSep-21	
160-51417-13	23081490-013A	Total/NA	Water	PrecSep-21	
160-51417-14	23081490-014A	Total/NA	Water	PrecSep-21	
160-51417-15	23081490-015A	Total/NA	Water	PrecSep-21	
160-51417-16	23081490-016A	Total/NA	Water	PrecSep-21	
160-51417-17	23081490-017A	Total/NA	Water	PrecSep-21	
160-51417-19	23081490-019A	Total/NA	Water	PrecSep-21	
160-51417-20	23081490-020A	Total/NA	Water	PrecSep-21	
160-51417-21	23081490-021A	Total/NA	Water	PrecSep-21	
160-51417-23	23081490-023A	Total/NA	Water	PrecSep-21	
160-51417-26	23081490-026A	Total/NA	Water	PrecSep-21	
160-51417-27	23081490-027A	Total/NA	Water	PrecSep-21	
MB 160-628007/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-628007/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-51417-19 DU	23081490-019A	Total/NA	Water	PrecSep-21	

Prep Batch: 628012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-51417-1	23081490-001A	Total/NA	Water	PrecSep_0	
160-51417-2	23081490-002A	Total/NA	Water	PrecSep_0	
160-51417-3	23081490-003A	Total/NA	Water	PrecSep_0	
160-51417-4	23081490-004A	Total/NA	Water	PrecSep_0	
160-51417-5	23081490-005A	Total/NA	Water	PrecSep_0	
160-51417-6	23081490-006A	Total/NA	Water	PrecSep_0	
160-51417-7	23081490-007A	Total/NA	Water	PrecSep_0	
160-51417-9	23081490-009A	Total/NA	Water	PrecSep_0	
160-51417-11	23081490-011A	Total/NA	Water	PrecSep_0	
160-51417-13	23081490-013A	Total/NA	Water	PrecSep_0	
160-51417-14	23081490-014A	Total/NA	Water	PrecSep_0	
160-51417-15	23081490-015A	Total/NA	Water	PrecSep_0	
160-51417-16	23081490-016A	Total/NA	Water	PrecSep_0	
160-51417-17	23081490-017A	Total/NA	Water	PrecSep_0	
160-51417-19	23081490-019A	Total/NA	Water	PrecSep_0	
160-51417-20	23081490-020A	Total/NA	Water	PrecSep_0	
160-51417-21	23081490-021A	Total/NA	Water	PrecSep_0	
160-51417-23	23081490-023A	Total/NA	Water	PrecSep_0	
160-51417-26	23081490-026A	Total/NA	Water	PrecSep_0	
160-51417-27	23081490-027A	Total/NA	Water	PrecSep_0	
MB 160-628012/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-628012/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-51417-19 DU	23081490-019A	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

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

Job ID: 160-51417-1
SDG: 23081490

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)
160-51417-1	23081490-001A	99.0
160-51417-2	23081490-002A	55.8
160-51417-3	23081490-003A	78.7
160-51417-4	23081490-004A	84.1
160-51417-5	23081490-005A	90.8
160-51417-6	23081490-006A	94.3
160-51417-7	23081490-007A	94.8
160-51417-9	23081490-009A	97.0
160-51417-11	23081490-011A	92.6
160-51417-13	23081490-013A	95.5
160-51417-14	23081490-014A	95.0
160-51417-15	23081490-015A	93.5
160-51417-16	23081490-016A	94.3
160-51417-17	23081490-017A	95.5
160-51417-19	23081490-019A	96.8
160-51417-19 DU	23081490-019A	93.8
160-51417-20	23081490-020A	97.8
160-51417-21	23081490-021A	96.0
160-51417-23	23081490-023A	99.3
160-51417-26	23081490-026A	92.6
160-51417-27	23081490-027A	101
LCS 160-628007/2-A	Lab Control Sample	101
MB 160-628007/1-A	Method Blank	101

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)
160-51417-1	23081490-001A	99.0	74.4
160-51417-2	23081490-002A	55.8	78.5
160-51417-3	23081490-003A	78.7	80.7
160-51417-4	23081490-004A	84.1	73.3
160-51417-5	23081490-005A	90.8	77.8
160-51417-6	23081490-006A	94.3	84.5
160-51417-7	23081490-007A	94.8	82.2
160-51417-9	23081490-009A	97.0	84.1
160-51417-11	23081490-011A	92.6	85.2
160-51417-13	23081490-013A	95.5	75.5
160-51417-14	23081490-014A	95.0	72.5
160-51417-15	23081490-015A	93.5	84.5
160-51417-16	23081490-016A	94.3	78.1
160-51417-17	23081490-017A	95.5	78.5
160-51417-19	23081490-019A	96.8	79.6
160-51417-19 DU	23081490-019A	93.8	79.3
160-51417-20	23081490-020A	97.8	74.4

Tracer/Carrier Summary

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

Job ID: 160-51417-1
SDG: 23081490

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)
160-51417-21	23081490-021A	96.0	72.9
160-51417-23	23081490-023A	99.3	66.2
160-51417-26	23081490-026A	92.6	79.6
160-51417-27	23081490-027A	101	70.3
LCS 160-628012/2-A	Lab Control Sample	101	81.1
MB 160-628012/1-A	Method Blank	101	85.2

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489
Technician	BG, JC, TAC

Summary of Well Information

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WO Sample	Well ID	Date	Time	Time (adj)	DTB (ft)	DTW (ft)	MP Elev (ft)	GW Elev (ft)	Well Condition	Sampling Device	Samling Method	Field Filtered	Appearance	Odor	Color	Turbidity (visible)	Ferrous Iron	Transducer SN	Trans DTW
001A	MW01	09/05/2023	1243	1243		16.41			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.03	21615755	
002A	MW02	09/05/2023	1220	1220		8.6			Good	Bladder Pump	Low Flow	Yes	Cloudy	None	Lt. Brown	Slight	0.625	21618523	
003A	MW03	09/05/2023	1414	1414		9.02			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	1.394	21615760	
004A	MW04	09/05/2023	1445	1445		10.15			Good	Bladder Pump	Low Flow	No	Clear	None	None	None		21615743	
005A	MW05	09/06/2023	1132	1132		28.71			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0	21629271	
006A	MW06	09/06/2023	1344	1344		11.97			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	under	21615759	
007A	MW07	09/07/2023	950	0950		10.3			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0	21629276	
008A	MW07S	09/07/2023	dry															21229277	
009A	MW08	09/07/2023	1019	1019		9.8			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.263	21615742	
010A	MW08S	09/07/2023	dry															21615764	
011A	MW09	09/07/2023	1057	1057		15.58			Good	Bladder Pump	Low Flow	No	Clear	None	None	None		21629273	
012A	MW10	09/07/2023	dry															21629275	
013A	MW11	09/05/2023	1309	1309		11.76			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.603	21618552	
014A	MW12	09/07/2023	919	0919		7.51			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	3.263	21629274	
015A	MW12S	09/05/2023	1307	1307		7.17												21629303	
016A	MW12D	09/05/2023	1317	1317		4.16												21629299	
017A	MW20	09/06/2023	945	0945		9.75			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.028	21615758	
018A	MW20S	09/06/2023	1011	1011		6.68			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.213	21618547	
019A	MW23	09/05/2023	1340	1340		16.66			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.146	21618546	
020A	MW27	09/07/2023	dry															21615594	
021A	MW28	09/06/2023	1408	1408		8.15			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.448	21629272	
022A	MW30	09/06/2023	1309	1309		25.32			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	6.469	21629297	
023A	MW31	09/06/2023	1156	1156		32.72			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	3.768	21629302	
024A	MW31S	09/06/2023	1229	1229		21.46			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	over	21615762	dry during fill
025A	MW32	09/06/2023	1101	1101		25.45			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.134	21615757	
026A	PZ4A	09/06/2023	dry															21618545	
027A	PZ4C	09/06/2023	dry															21618551	Dry during reads
028A	XPW01	09/07/2023	1123	1123		24.38			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	0.462	TBD	
029A	XPW02	09/07/2023	1220	1220		16.49			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	Slight	over	TBD	
030A	XPW03	09/07/2023	1314	1314		15.15			Good	Bladder Pump	Low Flow	Yes	Cloudy	None	Rust	Moderate	2.796		
031A	XPW04	09/07/2023	1340	1340		3.3			Good	Bladder Pump	Low Flow	Yes	Clear	None	None	None	over		
032A	XSG-01	09/05/2023	1505	1505		2.78													
033A	YSG-02	09/05/2023	1522	1522		9.1													
034A	Field Blank	09/07/2023	1358	1358															
035A	MW-08 Duplicate	09/07/2023	1019	1019		9.8													

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489
Technician	BG, JC, TAC

Summary of Stabilized Field Parameters

Well ID	Date	Time	Time (adj)	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)	DTB (ft)	DTW (ft)	MP Elev (ft)	GW Elev (ft)	LIMS ID
MW01	9/5/2023	12:43	1243	16.6	61.88	6.44	876.3	876.3	0.57	1.43	42.5			16.41			23081489-001A
MW02	9/5/2023	12:20	1220	16.8	62.24	6.75	1256.7	1256.7	0.57	51.48	-47.5			8.6			23081489-002A
MW03	9/5/2023	14:14	1414	17.3	63.14	6.84	1576.5	1576.5	0.71	5.57	34.8			9.02			23081489-003A
MW04	9/5/2023	14:45	1445	15.5	59.9	6.86	1408.4	1408.4	0.49	2.1	-78.9			10.15			23081489-004A
MW05	9/6/2023	11:32	1132	14.9	58.82	6.67	2115.1	2115.1	0.68	4.4	-18.9			28.71			23081489-005A
MW06	9/6/2023	13:44	1344	16	60.8	6.54	1447	1447	1.75	6.73	39.4			11.97			23081489-006A
MW07	9/7/2023	9:50	0950	16.6	61.88	6.79	1905.1	1905.1	0.68	10.34	2.2			10.3			23081489-007A
																	23081489-008A
MW08	9/7/2023	10:19	1019	15	59	6.57	2010.6	2010.6	0.57	1.78	31.8			9.8			23081489-009A
																	23081489-010A
MW09	9/7/2023	10:57	1057	14.1	57.38	6.86	1063.7	1063.7	2.61	9.65	51.3			15.58			23081489-011A
																	23081489-012A
MW11	9/5/2023	13:09	1309	17.8	64.04	6.65	1729.2	1729.2	0.57	2.1	-4.7			11.76			23081489-013A
MW12	9/7/2023	9:19	0919	16	60.8	6.46	2545.1	2545.1	0.52	8.02	-58.2			7.51			23081489-014A
														7.17			23081489-015A
														4.16			23081489-016A
MW20	9/6/2023	9:45	0945	15.7	60.26	6.9	1753.3	1753.3	0.58	9.28	-227			9.75			23081489-017A
MW20S	9/6/2023	10:11	1011	19	66.2	6.71	2502	2502	0.92	7.78	-210.2			6.68			23081489-018A
MW23	9/5/2023	13:40	1340	15.6	60.08	6.81	1700.3	1700.3	0.74	3.49	12.7			16.66			23081489-019A
																	23081489-020A
MW28	9/6/2023	14:08	1408	16.1	60.98	6.81	3877	3877	0.55	4.14	18.6			8.15			23081489-021A
MW30	9/6/2023	13:09	1309	15.4	59.72	6.67	1857.5	1857.5	0.74	9.67	-85.5			25.32			23081489-022A
MW31	9/6/2023	11:56	1156	15.9	60.62	6.72	1786.3	1786.3	0.93	7.59	-100.7			32.72			23081489-023A
MW31S	9/6/2023	12:29	1229	15.8	60.44	6.71	2205.3	2205.3	1.3	27.96	-139.9			21.46			23081489-024A
MW32	9/6/2023	11:01	1101	16	60.8	6.57	2470.6	2470.6	0.7	3.35	-22			25.45			23081489-025A
																	23081489-026A
																	23081489-027A
XPW01	9/7/2023	11:23	1123	17.3	63.14	7.45	943.2	943.2	1	4.81	-28.2			24.38			23081489-028A
XPW02	9/7/2023	12:20	1220	16.1	60.98	6.66	1520.9	1520.9	0.49	53.16	-110.3			16.49			23081489-029A
XPW03	9/7/2023	13:14	1314	17.1	62.78	7.1	3454.2	3454.2	0.49	66.27	-97.8			15.15			23081489-030A
XPW04	9/7/2023	13:40	1340	14.9	58.82	6.88	1124.3	1124.3	0.77	10.29	-143.5			3.3			23081489-031A
														2.78			23081489-032A
														9.1			23081489-033A
																	23081489-034A
MW-08 Duplicate	9/7/2023	10:19	1019	15	59	6.57	2010.6	2010.6	0.57	1.78	31.8			9.8			23081489-035A

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-001A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW01	9/5/2023	12:37	1237	16.41		16.8	62.24	6.66	881.1	881.1	0.91	4.22	30.7	
MW01	9/5/2023	12:40	1240	16.41		16.7	62.06	6.51	877.1	877.1	0.64	2.75	36.2	
MW01	9/5/2023	12:43	1243	16.41		16.6	61.88	6.44	876.3	876.3	0.57	1.43	42.5	

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-002A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW02	9/5/2023	12:14	1214	8.6		16.7	62.06	6.71	1257.5	1257.5	0.58	50.55	-39.7	
MW02	9/5/2023	12:17	1217	8.6		16.8	62.24	6.73	1255.7	1255.7	0.57	50.31	-44	
MW02	9/5/2023	12:20	1220	8.6		16.8	62.24	6.75	1256.7	1256.7	0.57	51.48	-47.5	

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-003A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW03	9/5/2023	14:08	1408	9.02		17.5	63.5	6.93	1576	1576	1.21	8.25	26.7	
MW03	9/5/2023	14:11	1411	9.02		17.4	63.32	6.87	1579.1	1579.1	0.81	7.01	32	
MW03	9/5/2023	14:14	1414	9.02		17.3	63.14	6.84	1576.5	1576.5	0.71	5.57	34.8	

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-004A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW04	9/5/2023	14:39	1439	10.15		15.4	59.72	6.97	1417.2	1417.2	0.53	9.54	-87.3	
MW04	9/5/2023	14:42	1442	10.15		15.5	59.9	6.9	1409.8	1409.8	0.5	3.2	-83.7	
MW04	9/5/2023	14:45	1445	10.15		15.5	59.9	6.86	1408.4	1408.4	0.49	2.1	-78.9	

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-005A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW05	9/6/2023	11:26	1126	28.71		15.1	59.18	6.73	2082.1	2082.1	1.22	15.59	-19.6	
MW05	9/6/2023	11:29	1129	28.71		15.1	59.18	6.68	2097.6	2097.6	0.79	6.58	-16.9	
MW05	9/6/2023	11:32	1132	28.71		14.9	58.82	6.67	2115.1	2115.1	0.68	4.4	-18.9	

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-006A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW06	9/6/2023	13:38	1338	11.97		16	60.8	6.61	1370	1370	1.7	10.7	33.6	
MW06	9/6/2023	13:41	1341	11.97		16	60.8	6.57	1406	1406	1.77	8.26	36.6	
MW06	9/6/2023	13:44	1344	11.97		16	60.8	6.54	1447	1447	1.75	6.73	39.4	

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-007A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW07	9/7/2023	9:41	0941	10.3		16	60.8	6.85	1910.2	1910.2	1.93	6.01	-25.6	
MW07	9/7/2023	9:44	0944	10.3		16.1	60.98	6.81	1942.4	1942.4	0.97	12.1	-11.3	
MW07	9/7/2023	9:47	0947	10.3		16.4	61.52	6.8	1928	1928	0.77	23.56	-3.2	
MW07	9/7/2023	9:50	0950	10.3		16.6	61.88	6.79	1905.1	1905.1	0.68	10.34	2.2	

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-008A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW07S														

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-009A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW08	9/7/2023	10:13	1013	9.8		15.1	59.18	6.72	2050.2	2050.2	1.14	3.42	9.5	
MW08	9/7/2023	10:16	1016	9.8		15	59	6.61	2013.7	2013.7	0.62	3.14	23.1	
MW08	9/7/2023	10:19	1019	9.8		15	59	6.57	2010.6	2010.6	0.57	1.78	31.8	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-010A
Technician	BG, JC, TAC

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW08S														

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-011A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW09	9/7/2023	10:51	1051	15.58		14.2	57.56	6.94	1058.3	1058.3	2.7	21.14	46.1	
MW09	9/7/2023	10:54	1054	15.58		14.1	57.38	6.89	1063	1063	2.64	11.78	49	
MW09	9/7/2023	10:57	1057	15.58		14.1	57.38	6.86	1063.7	1063.7	2.61	9.65	51.3	

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-012A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW10														

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-013A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW11	9/5/2023	13:03	1303	11.76		17.9	64.22	6.66	1736.5	1736.5	0.72	7.37	8.4	
MW11	9/5/2023	13:06	1306	11.76		17.8	64.04	6.65	1723.9	1723.9	0.63	3.46	2.8	
MW11	9/5/2023	13:09	1309	11.76		17.8	64.04	6.65	1729.2	1729.2	0.57	2.1	-4.7	

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-014A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW12	9/7/2023	9:13	0913	7.51		16	60.8	6.42	2508.6	2508.6	0.54	15.71	-54.4	
MW12	9/7/2023	9:16	0916	7.51		16	60.8	6.44	2520.9	2520.9	0.53	10.42	-56.9	
MW12	9/7/2023	9:19	0919	7.51		16	60.8	6.46	2545.1	2545.1	0.52	8.02	-58.2	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-015A
Technician	BG, JC, TAC

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW12S														

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-016A
Technician	BG, JC, TAC

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW12D														

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-017A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW20	9/6/2023	9:39	0939	9.75		15.8	60.44	7	1770.6	1770.6	1.13	4.83	-215.8	
MW20	9/6/2023	9:42	0942	9.75		15.6	60.08	6.93	1765.5	1765.5	0.67	3.9	-222.8	
MW20	9/6/2023	9:45	0945	9.75		15.7	60.26	6.9	1753.3	1753.3	0.58	9.28	-227	

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-018A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW20S	9/6/2023	10:05	1005	6.68		18.7	65.66	6.84	2589	2589	1.72	6.76	-225.7	
MW20S	9/6/2023	10:08	1008	6.68		18.9	66.02	6.76	2546.8	2546.8	1.04	6.59	-217.1	
MW20S	9/6/2023	10:11	1011	6.68		19	66.2	6.71	2502	2502	0.92	7.78	-210.2	

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-019A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW23	9/5/2023	13:34	1334	16.66		15.8	60.44	6.93	1707	1707	1	7.46	17	
MW23	9/5/2023	13:37	1337	16.66		15.7	60.26	6.85	1701.9	1701.9	1.14	4.23	14.1	
MW23	9/5/2023	13:40	1340	16.66		15.6	60.08	6.81	1700.3	1700.3	0.74	3.49	12.7	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-020A
Technician	BG, JC, TAC

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW27														

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-021A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW28	9/6/2023	14:02	1402	8.15		16.2	61.16	6.8	3761	3761	0.7	9.44	22.4	
MW28	9/6/2023	14:05	1405	8.15		16.2	61.16	6.81	3811	3811	0.59	4.81	20.7	
MW28	9/6/2023	14:08	1408	8.15		16.1	60.98	6.81	3877	3877	0.55	4.14	18.6	

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-022A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW30	9/6/2023	13:03	1303	25.32		15.4	59.72	6.71	1859.9	1859.9	0.85	10.88	-83.4	
MW30	9/6/2023	13:06	1306	25.32		15.4	59.72	6.68	1859.3	1859.3	0.78	9.22	-84	
MW30	9/6/2023	13:09	1309	25.32		15.4	59.72	6.67	1857.5	1857.5	0.74	9.67	-85.5	

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-023A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW31	9/6/2023	11:50	1150	32.72		16.1	60.98	6.75	1777.1	1777.1	1.3	25.75	-99.8	
MW31	9/6/2023	11:53	1153	32.72		16	60.8	6.73	1777.8	1777.8	1	14.19	-101.2	
MW31	9/6/2023	11:56	1156	32.72		15.9	60.62	6.72	1786.3	1786.3	0.93	7.59	-100.7	

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-024A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW31S	9/6/2023	12:20	1220	21.46		15.8	60.44	6.65	2256.5	2256.5	1.36	26.53	-133.8	
MW31S	9/6/2023	12:23	1223	21.46		15.7	60.26	6.65	2251.1	2251.1	1.35	23.46	-136.8	
MW31S	9/6/2023	12:26	1226	21.46		15.9	60.62	6.65	2250.2	2250.2	1.25	18.56	-139.2	
MW31S	9/6/2023	12:29	1229	21.46		15.8	60.44	6.71	2205.3	2205.3	1.3	27.96	-139.9	

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-025A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW32	9/6/2023	10:55	1055	25.45		16.4	61.52	6.7	2539.3	2539.3	1.28	9.38	-38.6	
MW32	9/6/2023	10:58	1058	25.45		16.1	60.98	6.61	2468.8	2468.8	0.77	4.16	-27.4	
MW32	9/6/2023	11:01	1101	25.45		16	60.8	6.57	2470.6	2470.6	0.7	3.35	-22	

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-026A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
PZ4A														

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-027A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
PZ4C														

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-028A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
XPW01	9/7/2023	11:17	1117	24.38		17.5	63.5	7.42	952.6	952.6	1.35	9.81	-7.2	
XPW01	9/7/2023	11:20	1120	24.38		17.4	63.32	7.44	944	944	1.02	5.23	-22.5	
XPW01	9/7/2023	11:23	1123	24.38		17.3	63.14	7.45	943.2	943.2	1	4.81	-28.2	

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-029A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
XPW02	9/7/2023	12:11	1211	16.49		16.1	60.98	6.64	1509.8	1509.8	0.5	73.3	-107.8	
XPW02	9/7/2023	12:14	1214	16.49		16.1	60.98	6.65	1511.6	1511.6	0.5	75.78	-108.8	
XPW02	9/7/2023	12:17	1217	16.49		16.1	60.98	6.66	1518.7	1518.7	0.5	45.58	-109.6	
XPW02	9/7/2023	12:20	1220	16.49		16.1	60.98	6.66	1520.9	1520.9	0.49	53.16	-110.3	

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-030A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
XPW03	9/7/2023	12:59	1259	15.15		17.1	62.78	7.08	3499.3	3499.3	0.51	68.69	-96.6	
XPW03	9/7/2023	13:02	1302	15.15		17.1	62.78	7.09	3491.6	3491.6	0.5	58.45	-96.9	
XPW03	9/7/2023	13:05	1305	15.15		17.1	62.78	7.09	3476.9	3476.9	0.5	88.57	-97.1	
XPW03	9/7/2023	13:08	1308	15.15		17.1	62.78	7.1	3473.8	3473.8	0.5	94.65	-97.3	
XPW03	9/7/2023	13:11	1311	15.15		17.1	62.78	7.1	3463.1	3463.1	0.49	49.43	-97.6	
XPW03	9/7/2023	13:14	1314	15.15		17.1	62.78	7.1	3454.2	3454.2	0.49	66.27	-97.8	

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-031A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
XPW04	9/7/2023	13:34	1334	3.3		13.3	55.94	7.09	1117.9	1117.9	0.86	10.8	-142.3	
XPW04	9/7/2023	13:37	1337	3.3		14.2	57.56	6.94	1121.6	1121.6	0.77	10.2	-144.8	
XPW04	9/7/2023	13:40	1340	3.3		14.9	58.82	6.88	1124.3	1124.3	0.77	10.29	-143.5	

Groundwater Sampling Field Form - Groundwater Quality Parameters

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-032A
Technician	BG, JC, TAC

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
XSG-01														

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-033A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
YSG-02														

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-034A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
Field Blank														

Site Sampling Event	Kincaid 3Q 2023
LIMS Workorder	23081489-035A
Technician	BG, JC, TAC

Groundwater Sampling Field Form - Groundwater Quality Parameters

Well ID	Date	Time	Time (adj)	DTW	Drawdown	Temp (deg C)	Temp (deg F)	pH (SU)	Sp Cond (µS/cm)	Sp Cond (µmhos/cm @25C)	ODO (mg/L)	Turbidity (NTU)	ORP (mV)	Purge Volume (gal)
MW-08 Duplicate	9/7/2023	10:13	1013	9.8		15.1	59.18	6.72	2050.2	2050.2	1.14	3.42	9.5	
MW-08 Duplicate	9/7/2023	10:16	1016	9.8		15	59	6.61	2013.7	2013.7	0.62	3.14	23.1	
MW-08 Duplicate	9/7/2023	10:19	1019	9.8		15	59	6.57	2010.6	2010.6	0.57	1.78	31.8	

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results			Conductivity			Other:			
				Reading 1	Reading 2	LCSD	Range Factor	Reading 1	Reading 2	DF	Read1/units	DF	Read2/units
LCS	9-5-23	1126	21.3		7.01			1413					
CCV	9-5-23	1506	20.8		7.02			1419					

****** Field Meter ID for Temp, pH & Conductivity :** PINE

****** Field Meter ID for (_____) :** _____

	SW846	Std Methods		Lot #		Lot #		Lot #
Field Temp SOP 1156		2550 B	pH 4.0 Buffer		Conductivity Std.		Std.	
pH in the Field SOP 1152	9040B	4500-H B	pH 7.0 Buffer		Conductivity Std.		Std.	
Field Cond. SOP 1155	9050A	2510 B	pH 10.0 Buffer		Conductivity Std.		Std.	
Other:			pH LCS/LCSD 7		Conductivity LCS/LCSD		LCS/LCSD	

pH Calibration

Date: 9-5-23
Time: 1031

	Reading
	4.00
	7.01
	10.00

Field Analyst Sig & Date: MLA CL 9-5-23
Reviewed By & Date:
Reviewed By & Date:

Conductivity Calibration

			Reading	units
	µS	0-199.9		µS
	µS	0-1999	1413	µS
	mS	0-19.99		mS

Field Analyst Sig & Date: MLA CL 9-5-23
Reviewed By & Date:
Reviewed By & Date:

	Calibration	Reading
	Std____ Units	
	Std____ Units	
	Std____ Units	

Field Analyst Sig & Date:
Reviewed By & Date:
Reviewed By & Date:

Page _____ of _____

Comments:

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results Reading 1	pH Results Reading 2	pH Results LCSD	Conductivity Range Factor	Conductivity Reading 1	Conductivity Reading 2	Other: DF	Other: Read1/units	Other: DF	Other: Read2/units
LCS	9-6-23	0908	20.8		7.00			1412					
CCV	9-6-23	1421	21.6		7.01			1421					

****** Field Meter ID for Temp, pH & Conductivity :** PINE

****** Field Meter ID for (_____) :** _____

	SW846	Std Methods		Lot #		Lot #		Lot #
Field Temp SOP 1156		2550 B	pH 4.0 Buffer		Conductivity Std.		Std.	
pH in the Field SOP 1152	9040B	4500-H B	pH 7.0 Buffer		Conductivity Std.		Std.	
Field Cond. SOP 1155	9050A	2510 B	pH 10.0 Buffer		Conductivity Std.		Std.	
Other:			pH LCS/LCSD 7		Conductivity LCS/LCSD		LCS/LCSD	

pH Calibration
Date: 9-6-23
Time: 0849

	Reading
	4.01
	7.00
	9.99

Field Analyst Sig & Date: [signature] 9-6-23
Reviewed By & Date:
Reviewed By & Date:

Conductivity Calibration

		Reading	units
µS	0-199.9		µS
µS	0-1999	1412	µS
mS	0-19.99		mS

Field Analyst Sig & Date: [signature] 9-6-23
Reviewed By & Date:
Reviewed By & Date:

_____ Calibration

		Reading
Std	Units	
Std	Units	
Std	Units	

Field Analyst Sig & Date:
Reviewed By & Date:
Reviewed By & Date:

Page _____ of _____

Comments:

Field Analysis Log

Cross Reference to Sample ID	Date mm/dd/yy	Time	Temp. C	pH Results			Conductivity			Other: _____			
				Reading 1	Reading 2	LCSD	Range Factor	Reading 1	Reading 2	DF	Read1/units	DF	Read2/units
LCS	9-7-23	0858	20.1		7.00			1412					
CCV	9-7-23	1402	20.9		7.02			1434					

****** Field Meter ID for Temp, pH & Conductivity :** PINE

****** Field Meter ID for (_____) :** _____

	SW846	Std Methods		Lot #		Lot #		Lot #
Field Temp SOP 1156		2550 B	pH 4.0 Buffer		Conductivity Std. _____		_____ Std._____	
pH in the Field SOP 1152	9040B	4500-H B	pH 7.0 Buffer		Conductivity Std. _____		_____ Std._____	
Field Cond. SOP 1155	9050A	2510 B	pH 10.0 Buffer		Conductivity Std. _____		_____ Std._____	
Other: _____			pH LCS/LCSD 7		Conductivity LCS/LCSD _____		_____ LCS/LCSD _____	

pH Calibration
Date: 9-7-23
Time: 0840

	Reading
	4.01
	7.00
	10.00

Field Analyst Sig & Date: [signature] 9-7-23
Reviewed By & Date: _____
Reviewed By & Date: _____

Conductivity Calibration

			Reading	units
_____	µS	0-199.9		µS
_____	µS	0-1999	1412	µS
_____	mS	0-19.99		mS

Field Analyst Sig & Date: [signature] 9-7-23
Reviewed By & Date: _____
Reviewed By & Date: _____

_____ Calibration

		Reading
Std_____	Units _____	_____
Std_____	Units _____	_____
Std_____	Units _____	_____

Field Analyst Sig & Date: _____
Reviewed By & Date: _____
Reviewed By & Date: _____

Comments:

ATTACHMENT C
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND
QUARTER 3, 2023

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-3	UA	E002	Antimony, total	mg/L	12/15/15 - 09/05/23	25	100	All ND - Last	0.001	0.001
MW-3	UA	E002	Arsenic, total	mg/L	12/15/15 - 09/05/23	25	100	All ND - Last	0.001	0.00480
MW-3	UA	E002	Barium, total	mg/L	12/15/15 - 09/05/23	25	0	CI around median	0.0453	0.150
MW-3	UA	E002	Beryllium, total	mg/L	12/15/15 - 09/05/23	25	100	All ND - Last	0.001	0.001
MW-3	UA	E002	Boron, total	mg/L	12/15/15 - 09/05/23	25	0	CI around median	1.57	0.296
MW-3	UA	E002	Cadmium, total	mg/L	12/15/15 - 09/05/23	25	100	All ND - Last	0.001	0.001
MW-3	UA	E002	Chloride, total	mg/L	12/15/15 - 09/05/23	25	0	CB around linear reg	27.6	18.0
MW-3	UA	E002	Chromium, total	mg/L	12/15/15 - 09/05/23	25	97	CB around T-S line	0.0015	0.00950
MW-3	UA	E002	Cobalt, total	mg/L	12/15/15 - 09/05/23	25	90	CI around median	0.001	0.00390
MW-3	UA	E002	Fluoride, total	mg/L	12/15/15 - 09/05/23	25	0	CI around mean	0.243	0.510
MW-3	UA	E002	Lead, total	mg/L	12/15/15 - 09/05/23	25	100	All ND - Last	0.001	0.00510
MW-3	UA	E002	Lithium, total	mg/L	02/25/21 - 09/05/23	11	91	CI around median	0.003	0.0120
MW-3	UA	E002	Mercury, total	mg/L	12/15/15 - 09/05/23	25	100	All ND - Last	0.0002	0.0002
MW-3	UA	E002	Molybdenum, total	mg/L	02/25/21 - 09/05/23	11	100	All ND - Last	0.0015	0.00620
MW-3	UA	E002	pH (field)	SU	12/15/15 - 09/05/23	25	0	CB around linear reg	6.4/6.7	5.6/7.6
MW-3	UA	E002	Radium 226 + Radium 228, total	pCi/L	11/06/17 - 09/05/23	21	0	CI around median	0.271	1.00
MW-3	UA	E002	Selenium, total	mg/L	12/15/15 - 09/05/23	25	100	All ND - Last	0.001	0.00180
MW-3	UA	E002	Sulfate, total	mg/L	12/15/15 - 09/05/23	25	0	CB around linear reg	112	151
MW-3	UA	E002	Thallium, total	mg/L	12/15/15 - 09/05/23	25	97	CB around T-S line	0.002	0.002
MW-3	UA	E002	Total Dissolved Solids	mg/L	12/15/15 - 09/05/23	25	0	CB around linear reg	540	494
MW-5	UA	E002	Antimony, total	mg/L	12/15/15 - 09/06/23	27	100	All ND - Last	0.001	0.001
MW-5	UA	E002	Arsenic, total	mg/L	12/15/15 - 09/06/23	29	91	CI around median	0.001	0.00480
MW-5	UA	E002	Barium, total	mg/L	12/15/15 - 09/06/23	29	0	CI around mean	0.142	0.150
MW-5	UA	E002	Beryllium, total	mg/L	12/15/15 - 09/06/23	27	100	All ND - Last	0.001	0.001
MW-5	UA	E002	Boron, total	mg/L	12/15/15 - 09/06/23	29	0	CI around mean	0.531	0.296
MW-5	UA	E002	Cadmium, total	mg/L	12/15/15 - 09/06/23	26	100	All ND - Last	0.001	0.001
MW-5	UA	E002	Chloride, total	mg/L	12/15/15 - 09/06/23	29	0	CB around linear reg	44.9	18.0

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-5	UA	E002	Chromium, total	mg/L	12/15/15 - 09/06/23	29	97	CB around T-S line	0.0015	0.00950
MW-5	UA	E002	Cobalt, total	mg/L	12/15/15 - 09/06/23	29	91	CI around median	0.001	0.00390
MW-5	UA	E002	Fluoride, total	mg/L	12/15/15 - 09/06/23	29	3	CB around T-S line	0.16	0.510
MW-5	UA	E002	Lead, total	mg/L	12/15/15 - 09/06/23	29	97	CI around median	0.001	0.00510
MW-5	UA	E002	Lithium, total	mg/L	12/15/15 - 09/06/23	21	33	CI around mean	0.00269	0.0120
MW-5	UA	E002	Mercury, total	mg/L	12/15/15 - 09/06/23	26	100	All ND - Last	0.0002	0.0002
MW-5	UA	E002	Molybdenum, total	mg/L	12/15/15 - 09/06/23	21	100	All ND - Last	0.0015	0.00620
MW-5	UA	E002	pH (field)	SU	12/15/15 - 09/06/23	29	0	CB around linear reg	6.4/6.7	5.6/7.6
MW-5	UA	E002	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 09/06/23	30	0	CI around median	0.265	1.00
MW-5	UA	E002	Selenium, total	mg/L	12/15/15 - 09/06/23	29	100	All ND - Last	0.001	0.00180
MW-5	UA	E002	Sulfate, total	mg/L	12/15/15 - 09/06/23	29	35	CI around median	10	151
MW-5	UA	E002	Thallium, total	mg/L	12/15/15 - 09/06/23	26	97	CB around T-S line	0.00183	0.002
MW-5	UA	E002	Total Dissolved Solids	mg/L	12/15/15 - 09/06/23	29	0	CB around linear reg	679	494
MW-6	UA	E002	Antimony, total	mg/L	12/15/15 - 09/06/23	27	100	All ND - Last	0.001	0.001
MW-6	UA	E002	Arsenic, total	mg/L	12/15/15 - 09/06/23	29	100	All ND - Last	0.001	0.00480
MW-6	UA	E002	Barium, total	mg/L	12/15/15 - 09/06/23	29	0	CB around T-S line	0.0362	0.150
MW-6	UA	E002	Beryllium, total	mg/L	12/15/15 - 09/06/23	27	100	All ND - Last	0.001	0.001
MW-6	UA	E002	Boron, total	mg/L	12/15/15 - 09/06/23	29	0	CI around mean	0.956	0.296
MW-6	UA	E002	Cadmium, total	mg/L	12/15/15 - 09/06/23	26	100	All ND - Last	0.001	0.001
MW-6	UA	E002	Chloride, total	mg/L	12/15/15 - 09/06/23	29	53	CB around T-S line	2.03	18.0
MW-6	UA	E002	Chromium, total	mg/L	12/15/15 - 09/06/23	29	88	CB around T-S line	0.0015	0.00950
MW-6	UA	E002	Cobalt, total	mg/L	12/15/15 - 09/06/23	29	100	All ND - Last	0.001	0.00390
MW-6	UA	E002	Fluoride, total	mg/L	12/15/15 - 09/06/23	29	0	CB around linear reg	0.194	0.510
MW-6	UA	E002	Lead, total	mg/L	12/15/15 - 09/06/23	29	100	All ND - Last	0.001	0.00510
MW-6	UA	E002	Lithium, total	mg/L	12/15/15 - 09/06/23	21	86	CB around T-S line	0.00266	0.0120
MW-6	UA	E002	Mercury, total	mg/L	12/15/15 - 09/06/23	26	100	All ND - Last	0.0002	0.0002
MW-6	UA	E002	Molybdenum, total	mg/L	12/15/15 - 09/06/23	21	100	All ND - Last	0.0015	0.00620

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-6	UA	E002	pH (field)	SU	12/15/15 - 09/06/23	29	0	CI around mean	6.5/6.7	5.6/7.6
MW-6	UA	E002	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 09/06/23	30	0	CI around median	0.35	1.00
MW-6	UA	E002	Selenium, total	mg/L	12/15/15 - 09/06/23	29	94	CI around median	0.001	0.00180
MW-6	UA	E002	Sulfate, total	mg/L	12/15/15 - 09/06/23	29	0	CB around linear reg	55.3	151
MW-6	UA	E002	Thallium, total	mg/L	12/15/15 - 09/06/23	26	100	All ND - Last	0.002	0.002
MW-6	UA	E002	Total Dissolved Solids	mg/L	12/15/15 - 09/06/23	29	0	CB around linear reg	366	494
MW-7	UA	E002	Antimony, total	mg/L	12/15/15 - 09/07/23	27	100	All ND - Last	0.001	0.001
MW-7	UA	E002	Arsenic, total	mg/L	12/15/15 - 09/07/23	29	76	CI around median	0.001	0.00480
MW-7	UA	E002	Barium, total	mg/L	12/15/15 - 09/07/23	29	0	CB around linear reg	0.03	0.150
MW-7	UA	E002	Beryllium, total	mg/L	12/15/15 - 09/07/23	27	100	All ND - Last	0.001	0.001
MW-7	UA	E002	Boron, total	mg/L	12/15/15 - 09/07/23	29	0	CI around mean	0.213	0.296
MW-7	UA	E002	Cadmium, total	mg/L	12/15/15 - 09/07/23	26	100	All ND - Last	0.001	0.001
MW-7	UA	E002	Chloride, total	mg/L	12/15/15 - 09/07/23	29	76	CB around T-S line	2.47	18.0
MW-7	UA	E002	Chromium, total	mg/L	12/15/15 - 09/07/23	29	94	CB around T-S line	0.0015	0.00950
MW-7	UA	E002	Cobalt, total	mg/L	12/15/15 - 09/07/23	29	88	CI around median	0.001	0.00390
MW-7	UA	E002	Fluoride, total	mg/L	12/15/15 - 09/07/23	29	0	CI around mean	0.253	0.510
MW-7	UA	E002	Lead, total	mg/L	12/15/15 - 09/07/23	29	100	All ND - Last	0.001	0.00510
MW-7	UA	E002	Lithium, total	mg/L	12/15/15 - 09/07/23	21	33	CI around geomean	0.00263	0.0120
MW-7	UA	E002	Mercury, total	mg/L	12/15/15 - 09/07/23	26	100	All ND - Last	0.0002	0.0002
MW-7	UA	E002	Molybdenum, total	mg/L	12/15/15 - 09/07/23	21	5	CI around mean	0.00262	0.00620
MW-7	UA	E002	pH (field)	SU	12/15/15 - 09/07/23	29	0	CB around linear reg	6.7/7.1	5.6/7.6
MW-7	UA	E002	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 09/07/23	30	0	CI around geomean	0.45	1.00
MW-7	UA	E002	Selenium, total	mg/L	12/15/15 - 09/07/23	29	100	All ND - Last	0.001	0.00180
MW-7	UA	E002	Sulfate, total	mg/L	12/15/15 - 09/07/23	29	0	CI around geomean	171	151
MW-7	UA	E002	Thallium, total	mg/L	12/15/15 - 09/07/23	26	100	All ND - Last	0.002	0.002
MW-7	UA	E002	Total Dissolved Solids	mg/L	12/15/15 - 09/07/23	29	0	CI around mean	563	494
MW-8	UA	E002	Antimony, total	mg/L	12/15/15 - 09/07/23	27	100	All ND - Last	0.001	0.001

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-8	UA	E002	Arsenic, total	mg/L	12/15/15 - 09/07/23	29	100	All ND - Last	0.001	0.00480
MW-8	UA	E002	Barium, total	mg/L	12/15/15 - 09/07/23	29	0	CB around linear reg	0.0197	0.150
MW-8	UA	E002	Beryllium, total	mg/L	12/15/15 - 09/07/23	27	100	All ND - Last	0.001	0.001
MW-8	UA	E002	Boron, total	mg/L	12/15/15 - 09/07/23	29	0	CI around geomean	0.955	0.296
MW-8	UA	E002	Cadmium, total	mg/L	12/15/15 - 09/07/23	26	100	All ND - Last	0.001	0.001
MW-8	UA	E002	Chloride, total	mg/L	12/15/15 - 09/07/23	29	0	CB around linear reg	14.6	18.0
MW-8	UA	E002	Chromium, total	mg/L	12/15/15 - 09/07/23	29	100	All ND - Last	0.0015	0.00950
MW-8	UA	E002	Cobalt, total	mg/L	12/15/15 - 09/07/23	29	29	CB around linear reg	0.000844	0.00390
MW-8	UA	E002	Fluoride, total	mg/L	12/15/15 - 09/07/23	29	0	CB around T-S line	0.219	0.510
MW-8	UA	E002	Lead, total	mg/L	12/15/15 - 09/07/23	29	100	All ND - Last	0.001	0.00510
MW-8	UA	E002	Lithium, total	mg/L	12/15/15 - 09/07/23	21	48	CB around linear reg	0.00293	0.0120
MW-8	UA	E002	Mercury, total	mg/L	12/15/15 - 09/07/23	26	100	All ND - Last	0.0002	0.0002
MW-8	UA	E002	Molybdenum, total	mg/L	12/15/15 - 09/07/23	21	100	All ND - Last	0.0015	0.00620
MW-8	UA	E002	pH (field)	SU	12/15/15 - 09/07/23	29	0	CI around mean	6.6/6.7	5.6/7.6
MW-8	UA	E002	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 09/07/23	30	0	CI around median	0.2	1.00
MW-8	UA	E002	Selenium, total	mg/L	12/15/15 - 09/07/23	29	100	All ND - Last	0.001	0.00180
MW-8	UA	E002	Sulfate, total	mg/L	12/15/15 - 09/07/23	29	0	CB around linear reg	218	151
MW-8	UA	E002	Thallium, total	mg/L	12/15/15 - 09/07/23	26	100	All ND - Last	0.002	0.002
MW-8	UA	E002	Total Dissolved Solids	mg/L	12/15/15 - 09/07/23	29	0	CB around linear reg	767	494
MW-11	UA	E002	Antimony, total	mg/L	12/15/15 - 09/05/23	27	100	All ND - Last	0.001	0.001
MW-11	UA	E002	Arsenic, total	mg/L	12/15/15 - 09/05/23	29	21	CI around median	0.0012	0.00480
MW-11	UA	E002	Barium, total	mg/L	12/15/15 - 09/05/23	29	0	CB around linear reg	0.112	0.150
MW-11	UA	E002	Beryllium, total	mg/L	12/15/15 - 09/05/23	27	100	All ND - Last	0.001	0.001
MW-11	UA	E002	Boron, total	mg/L	12/15/15 - 09/05/23	29	0	CI around mean	1.56	0.296
MW-11	UA	E002	Cadmium, total	mg/L	12/15/15 - 09/05/23	26	100	All ND - Last	0.001	0.001
MW-11	UA	E002	Chloride, total	mg/L	12/15/15 - 09/05/23	29	0	CB around linear reg	29.8	18.0
MW-11	UA	E002	Chromium, total	mg/L	12/15/15 - 09/05/23	29	97	CB around T-S line	0.00149	0.00950

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023
845 QUARTERLY REPORT
KINCAID POWER PLANT
ASH POND
KINCAID, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-11	UA	E002	Cobalt, total	mg/L	12/15/15 - 09/05/23	29	93	CI around median	0.001	0.00390
MW-11	UA	E002	Fluoride, total	mg/L	12/15/15 - 09/05/23	29	0	CI around mean	0.494	0.510
MW-11	UA	E002	Lead, total	mg/L	12/15/15 - 09/05/23	29	100	All ND - Last	0.001	0.00510
MW-11	UA	E002	Lithium, total	mg/L	12/15/15 - 09/05/23	21	43	CB around linear reg	0.00279	0.0120
MW-11	UA	E002	Mercury, total	mg/L	12/15/15 - 09/05/23	26	100	All ND - Last	0.0002	0.0002
MW-11	UA	E002	Molybdenum, total	mg/L	12/15/15 - 09/05/23	21	5	CI around median	0.0021	0.00620
MW-11	UA	E002	pH (field)	SU	12/15/15 - 09/05/23	29	0	CB around linear reg	6.5/6.8	5.6/7.6
MW-11	UA	E002	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 09/05/23	30	0	CI around mean	0.535	1.00
MW-11	UA	E002	Selenium, total	mg/L	12/15/15 - 09/05/23	29	62	CI around median	0.001	0.00180
MW-11	UA	E002	Sulfate, total	mg/L	12/15/15 - 09/05/23	29	0	CI around mean	107	151
MW-11	UA	E002	Thallium, total	mg/L	12/15/15 - 09/05/23	26	100	All ND - Last	0.002	0.002
MW-11	UA	E002	Total Dissolved Solids	mg/L	12/15/15 - 09/05/23	29	0	CB around linear reg	584	494
MW-12	UA	E002	Antimony, total	mg/L	12/15/15 - 09/07/23	27	100	All ND - Last	0.001	0.001
MW-12	UA	E002	Arsenic, total	mg/L	12/15/15 - 09/07/23	29	97	CI around median	0.001	0.00480
MW-12	UA	E002	Barium, total	mg/L	12/15/15 - 09/07/23	29	0	CB around linear reg	0.0549	0.150
MW-12	UA	E002	Beryllium, total	mg/L	12/15/15 - 09/07/23	27	100	All ND - Last	0.001	0.001
MW-12	UA	E002	Boron, total	mg/L	12/15/15 - 09/07/23	29	0	CI around mean	2.68	0.296
MW-12	UA	E002	Cadmium, total	mg/L	12/15/15 - 09/07/23	26	100	All ND - Last	0.001	0.001
MW-12	UA	E002	Chloride, total	mg/L	12/15/15 - 09/07/23	29	0	CB around linear reg	18.9	18.0
MW-12	UA	E002	Chromium, total	mg/L	12/15/15 - 09/07/23	29	100	All ND - Last	0.0015	0.00950
MW-12	UA	E002	Cobalt, total	mg/L	12/15/15 - 09/07/23	29	100	All ND - Last	0.001	0.00390
MW-12	UA	E002	Fluoride, total	mg/L	12/15/15 - 09/07/23	29	0	CI around median	0.18	0.510
MW-12	UA	E002	Lead, total	mg/L	12/15/15 - 09/07/23	29	100	All ND - Last	0.001	0.00510
MW-12	UA	E002	Lithium, total	mg/L	12/15/15 - 09/07/23	21	0	CI around mean	0.00835	0.0120
MW-12	UA	E002	Mercury, total	mg/L	12/15/15 - 09/07/23	26	100	All ND - Last	0.0002	0.0002
MW-12	UA	E002	Molybdenum, total	mg/L	12/15/15 - 09/07/23	21	90	CB around T-S line	0.00144	0.00620
MW-12	UA	E002	pH (field)	SU	12/15/15 - 09/07/23	29	0	CB around linear reg	6.3/6.7	5.6/7.6

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023
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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-12	UA	E002	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 09/07/23	30	0	CI around median	0.429	1.00
MW-12	UA	E002	Selenium, total	mg/L	12/15/15 - 09/07/23	29	97	CI around median	0.001	0.00180
MW-12	UA	E002	Sulfate, total	mg/L	12/15/15 - 09/07/23	29	0	CI around mean	363	151
MW-12	UA	E002	Thallium, total	mg/L	12/15/15 - 09/07/23	26	100	All ND - Last	0.002	0.002
MW-12	UA	E002	Total Dissolved Solids	mg/L	12/15/15 - 09/07/23	29	0	CI around mean	1,080	494
MW-20	UA	E002	Antimony, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.001
MW-20	UA	E002	Arsenic, total	mg/L	02/26/21 - 09/06/23	11	46	CI around median	0.001	0.00480
MW-20	UA	E002	Barium, total	mg/L	02/26/21 - 09/06/23	11	0	CI around mean	0.103	0.150
MW-20	UA	E002	Beryllium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.001
MW-20	UA	E002	Boron, total	mg/L	02/26/21 - 09/06/23	11	0	CB around linear reg	0.514	0.296
MW-20	UA	E002	Cadmium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.001
MW-20	UA	E002	Chloride, total	mg/L	02/26/21 - 09/06/23	11	0	CI around mean	22.3	18.0
MW-20	UA	E002	Chromium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.0015	0.00950
MW-20	UA	E002	Cobalt, total	mg/L	02/26/21 - 09/06/23	11	91	CI around median	0.001	0.00390
MW-20	UA	E002	Fluoride, total	mg/L	02/26/21 - 09/06/23	11	0	CB around linear reg	0.319	0.510
MW-20	UA	E002	Lead, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.00510
MW-20	UA	E002	Lithium, total	mg/L	02/26/21 - 09/06/23	11	0	CB around linear reg	-0.00462	0.0120
MW-20	UA	E002	Mercury, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.0002	0.0002
MW-20	UA	E002	Molybdenum, total	mg/L	02/26/21 - 09/06/23	11	9	CB around linear reg	-0.00114	0.00620
MW-20	UA	E002	pH (field)	SU	02/26/21 - 09/06/23	11	0	CI around mean	6.8/7.1	5.6/7.6
MW-20	UA	E002	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 09/06/23	11	0	CI around mean	0.196	1.00
MW-20	UA	E002	Selenium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.00180
MW-20	UA	E002	Sulfate, total	mg/L	02/26/21 - 09/06/23	11	0	CB around linear reg	141	151
MW-20	UA	E002	Thallium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.002	0.002
MW-20	UA	E002	Total Dissolved Solids	mg/L	02/26/21 - 09/06/23	10	0	CB around linear reg	621	494
MW-20S	USCU	E002	Antimony, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.001
MW-20S	USCU	E002	Arsenic, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.00480

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-20S	USCU	E002	Barium, total	mg/L	02/26/21 - 09/06/23	11	9	CI around median	0.0346	0.150
MW-20S	USCU	E002	Beryllium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.001
MW-20S	USCU	E002	Boron, total	mg/L	02/26/21 - 09/06/23	11	0	CB around T-S line	1.7	0.296
MW-20S	USCU	E002	Cadmium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.001
MW-20S	USCU	E002	Chloride, total	mg/L	02/26/21 - 09/06/23	11	0	CI around mean	17.1	18.0
MW-20S	USCU	E002	Chromium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.0015	0.00950
MW-20S	USCU	E002	Cobalt, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.00390
MW-20S	USCU	E002	Fluoride, total	mg/L	02/26/21 - 09/06/23	11	0	CI around mean	0.176	0.510
MW-20S	USCU	E002	Lead, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.00510
MW-20S	USCU	E002	Lithium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.003	0.0120
MW-20S	USCU	E002	Mercury, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.0002	0.0002
MW-20S	USCU	E002	Molybdenum, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.0015	0.00620
MW-20S	USCU	E002	pH (field)	SU	02/26/21 - 09/06/23	11	0	CI around mean	6.5/6.8	5.6/7.6
MW-20S	USCU	E002	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 09/06/23	11	0	CI around mean	0.0887	1.00
MW-20S	USCU	E002	Selenium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.001	0.00180
MW-20S	USCU	E002	Sulfate, total	mg/L	02/26/21 - 09/06/23	11	0	CB around linear reg	330	151
MW-20S	USCU	E002	Thallium, total	mg/L	02/26/21 - 09/06/23	11	100	All ND - Last	0.002	0.002
MW-20S	USCU	E002	Total Dissolved Solids	mg/L	02/26/21 - 09/06/23	10	0	CB around linear reg	997	494
MW-23	UA	E002	Antimony, total	mg/L	02/26/21 - 09/05/23	11	100	All ND - Last	0.001	0.001
MW-23	UA	E002	Arsenic, total	mg/L	02/26/21 - 09/05/23	11	54	CI around median	0.001	0.00480
MW-23	UA	E002	Barium, total	mg/L	02/26/21 - 09/05/23	11	0	CI around mean	0.0807	0.150
MW-23	UA	E002	Beryllium, total	mg/L	02/26/21 - 09/05/23	11	100	All ND - Last	0.001	0.001
MW-23	UA	E002	Boron, total	mg/L	02/26/21 - 09/05/23	11	0	CI around mean	1.67	0.296
MW-23	UA	E002	Cadmium, total	mg/L	02/26/21 - 09/05/23	11	100	All ND - Last	0.001	0.001
MW-23	UA	E002	Chloride, total	mg/L	02/26/21 - 09/05/23	11	0	CB around linear reg	24.8	18.0
MW-23	UA	E002	Chromium, total	mg/L	02/26/21 - 09/05/23	11	100	All ND - Last	0.0015	0.00950
MW-23	UA	E002	Cobalt, total	mg/L	02/26/21 - 09/05/23	11	36	CI around median	0.001	0.00390

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-23	UA	E002	Fluoride, total	mg/L	02/26/21 - 09/05/23	11	0	CI around mean	0.343	0.510
MW-23	UA	E002	Lead, total	mg/L	02/26/21 - 09/05/23	11	100	All ND - Last	0.001	0.00510
MW-23	UA	E002	Lithium, total	mg/L	02/26/21 - 09/05/23	11	100	All ND - Last	0.003	0.0120
MW-23	UA	E002	Mercury, total	mg/L	02/26/21 - 09/05/23	11	100	All ND - Last	0.0002	0.0002
MW-23	UA	E002	Molybdenum, total	mg/L	02/26/21 - 09/05/23	11	91	CI around median	0.0015	0.00620
MW-23	UA	E002	pH (field)	SU	02/26/21 - 09/05/23	11	0	CI around mean	6.5/6.8	5.6/7.6
MW-23	UA	E002	Radium 226 + Radium 228, total	pCi/L	02/26/21 - 09/05/23	11	0	CI around mean	0.187	1.00
MW-23	UA	E002	Selenium, total	mg/L	02/26/21 - 09/05/23	11	100	All ND - Last	0.001	0.00180
MW-23	UA	E002	Sulfate, total	mg/L	02/26/21 - 09/05/23	11	0	CI around mean	42.8	151
MW-23	UA	E002	Thallium, total	mg/L	02/26/21 - 09/05/23	11	100	All ND - Last	0.002	0.002
MW-23	UA	E002	Total Dissolved Solids	mg/L	02/26/21 - 09/05/23	10	0	CI around mean	578	494
MW-28	UA	E002	Antimony, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.001
MW-28	UA	E002	Arsenic, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.00480
MW-28	UA	E002	Barium, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	0.0217	0.150
MW-28	UA	E002	Beryllium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.001
MW-28	UA	E002	Boron, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	8.71	0.296
MW-28	UA	E002	Cadmium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.001
MW-28	UA	E002	Chloride, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	12.5	18.0
MW-28	UA	E002	Chromium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.0015	0.00950
MW-28	UA	E002	Cobalt, total	mg/L	02/24/21 - 09/06/23	11	82	CI around median	0.001	0.00390
MW-28	UA	E002	Fluoride, total	mg/L	02/24/21 - 09/06/23	11	0	CI around median	0.12	0.510
MW-28	UA	E002	Lead, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.00510
MW-28	UA	E002	Lithium, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	0.006	0.0120
MW-28	UA	E002	Mercury, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.0002	0.0002
MW-28	UA	E002	Molybdenum, total	mg/L	02/24/21 - 09/06/23	11	91	CI around median	0.0015	0.00620
MW-28	UA	E002	pH (field)	SU	02/24/21 - 09/06/23	11	0	CI around mean	6.5/6.9	5.6/7.6
MW-28	UA	E002	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 09/06/23	11	0	CB around linear reg	0.196	1.00

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-28	UA	E002	Selenium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.00180
MW-28	UA	E002	Sulfate, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	817	151
MW-28	UA	E002	Thallium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.002	0.002
MW-28	UA	E002	Total Dissolved Solids	mg/L	02/24/21 - 09/06/23	10	0	CI around mean	1,620	494
MW-30	UA	E002	Antimony, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.001
MW-30	UA	E002	Arsenic, total	mg/L	02/25/21 - 09/06/23	11	9	CB around linear reg	0.0017	0.00480
MW-30	UA	E002	Barium, total	mg/L	02/25/21 - 09/06/23	11	0	CI around mean	0.151	0.150
MW-30	UA	E002	Beryllium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.001
MW-30	UA	E002	Boron, total	mg/L	02/25/21 - 09/06/23	11	0	CI around geomean	1.09	0.296
MW-30	UA	E002	Cadmium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.001
MW-30	UA	E002	Chloride, total	mg/L	02/25/21 - 09/06/23	11	0	CI around mean	46.3	18.0
MW-30	UA	E002	Chromium, total	mg/L	02/25/21 - 09/06/23	11	73	CI around median	0.0015	0.00950
MW-30	UA	E002	Cobalt, total	mg/L	02/25/21 - 09/06/23	11	0	CI around mean	0.00203	0.00390
MW-30	UA	E002	Fluoride, total	mg/L	02/25/21 - 09/06/23	11	0	CB around linear reg	0.273	0.510
MW-30	UA	E002	Lead, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.00510
MW-30	UA	E002	Lithium, total	mg/L	02/25/21 - 09/06/23	11	82	CB around T-S line	-0.0131	0.0120
MW-30	UA	E002	Mercury, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.0002	0.0002
MW-30	UA	E002	Molybdenum, total	mg/L	02/25/21 - 09/06/23	11	36	CI around geomean	0.00155	0.00620
MW-30	UA	E002	pH (field)	SU	02/25/21 - 09/06/23	11	0	CI around mean	6.4/6.6	5.6/7.6
MW-30	UA	E002	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 09/06/23	11	0	CI around geomean	0.54	1.00
MW-30	UA	E002	Selenium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.00180
MW-30	UA	E002	Sulfate, total	mg/L	02/25/21 - 09/06/23	11	27	CB around linear reg	-40.9	151
MW-30	UA	E002	Thallium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.002	0.002
MW-30	UA	E002	Total Dissolved Solids	mg/L	02/25/21 - 09/06/23	10	0	CI around median	612	494
MW-31	UA	E002	Antimony, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.001
MW-31	UA	E002	Arsenic, total	mg/L	02/24/21 - 09/06/23	11	9	CI around mean	0.00235	0.00480
MW-31	UA	E002	Barium, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	0.215	0.150

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-31	UA	E002	Beryllium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.001
MW-31	UA	E002	Boron, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	0.241	0.296
MW-31	UA	E002	Cadmium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.001
MW-31	UA	E002	Chloride, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	47.2	18.0
MW-31	UA	E002	Chromium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.0015	0.00950
MW-31	UA	E002	Cobalt, total	mg/L	02/24/21 - 09/06/23	11	82	CI around median	0.001	0.00390
MW-31	UA	E002	Fluoride, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	0.167	0.510
MW-31	UA	E002	Lead, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.00510
MW-31	UA	E002	Lithium, total	mg/L	02/24/21 - 09/06/23	11	0	CI around mean	0.00462	0.0120
MW-31	UA	E002	Mercury, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.0002	0.0002
MW-31	UA	E002	Molybdenum, total	mg/L	02/24/21 - 09/06/23	11	46	CI around median	0.0015	0.00620
MW-31	UA	E002	pH (field)	SU	02/24/21 - 09/06/23	11	0	CI around mean	6.5/6.7	5.6/7.6
MW-31	UA	E002	Radium 226 + Radium 228, total	pCi/L	02/24/21 - 09/06/23	11	0	CI around mean	0.51	1.00
MW-31	UA	E002	Selenium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.001	0.00180
MW-31	UA	E002	Sulfate, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	10	151
MW-31	UA	E002	Thallium, total	mg/L	02/24/21 - 09/06/23	11	100	All ND - Last	0.002	0.002
MW-31	UA	E002	Total Dissolved Solids	mg/L	02/24/21 - 09/06/23	10	0	CI around mean	571	494
MW-31S	USCU	E002	Antimony, total	mg/L	02/24/21 - 09/06/23	10	80	CI around median	0.001	0.001
MW-31S	USCU	E002	Arsenic, total	mg/L	02/24/21 - 09/06/23	10	0	CI around mean	0.00449	0.00480
MW-31S	USCU	E002	Barium, total	mg/L	02/24/21 - 09/06/23	10	0	CI around geomean	0.191	0.150
MW-31S	USCU	E002	Beryllium, total	mg/L	02/24/21 - 09/06/23	10	90	CI around median	0.001	0.001
MW-31S	USCU	E002	Boron, total	mg/L	02/24/21 - 09/06/23	10	0	CI around mean	0.0419	0.296
MW-31S	USCU	E002	Cadmium, total	mg/L	02/24/21 - 09/06/23	10	100	All ND - Last	0.001	0.001
MW-31S	USCU	E002	Chromium, total	mg/L	02/24/21 - 09/06/23	10	40	CI around geomean	0.00175	0.00950
MW-31S	USCU	E002	Cobalt, total	mg/L	02/24/21 - 09/06/23	10	0	CI around geomean	0.00281	0.00390
MW-31S	USCU	E002	Lead, total	mg/L	02/24/21 - 09/06/23	10	30	CI around geomean	0.00116	0.00510
MW-31S	USCU	E002	Lithium, total	mg/L	02/24/21 - 09/06/23	10	50	CI around median	0.003	0.0120

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023
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ASH POND
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
MW-31S	USCU	E002	Mercury, total	mg/L	02/24/21 - 09/06/23	10	100	All ND - Last	0.0002	0.0002
MW-31S	USCU	E002	Molybdenum, total	mg/L	02/24/21 - 09/06/23	10	20	CI around mean	0.00238	0.00620
MW-31S	USCU	E002	pH (field)	SU	02/24/21 - 09/06/23	11	0	CI around mean	6.4/6.7	5.6/7.6
MW-31S	USCU	E002	Selenium, total	mg/L	02/24/21 - 09/06/23	10	100	All ND - Last	0.001	0.00180
MW-31S	USCU	E002	Thallium, total	mg/L	02/24/21 - 09/06/23	10	100	All ND - Last	0.002	0.002
MW-32	UA	E002	Antimony, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.001
MW-32	UA	E002	Arsenic, total	mg/L	02/25/21 - 09/06/23	11	91	CI around median	0.001	0.00480
MW-32	UA	E002	Barium, total	mg/L	02/25/21 - 09/06/23	11	0	CB around linear reg	0.029	0.150
MW-32	UA	E002	Beryllium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.001
MW-32	UA	E002	Boron, total	mg/L	02/25/21 - 09/06/23	11	0	CI around mean	1.52	0.296
MW-32	UA	E002	Cadmium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.001
MW-32	UA	E002	Chloride, total	mg/L	02/25/21 - 09/06/23	11	0	CB around linear reg	9.54	18.0
MW-32	UA	E002	Chromium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.0015	0.00950
MW-32	UA	E002	Cobalt, total	mg/L	02/25/21 - 09/06/23	11	73	CI around median	0.001	0.00390
MW-32	UA	E002	Fluoride, total	mg/L	02/25/21 - 09/06/23	11	0	CI around mean	0.171	0.510
MW-32	UA	E002	Lead, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.00510
MW-32	UA	E002	Lithium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.003	0.0120
MW-32	UA	E002	Mercury, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.0002	0.0002
MW-32	UA	E002	Molybdenum, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.0015	0.00620
MW-32	UA	E002	pH (field)	SU	02/25/21 - 09/06/23	11	0	CI around mean	6.3/6.6	5.6/7.6
MW-32	UA	E002	Radium 226 + Radium 228, total	pCi/L	02/25/21 - 09/06/23	11	0	CI around mean	0.0518	1.00
MW-32	UA	E002	Selenium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.001	0.00180
MW-32	UA	E002	Sulfate, total	mg/L	02/25/21 - 09/06/23	11	0	CI around mean	407	151
MW-32	UA	E002	Thallium, total	mg/L	02/25/21 - 09/06/23	11	100	All ND - Last	0.002	0.002
MW-32	UA	E002	Total Dissolved Solids	mg/L	02/25/21 - 09/06/23	10	0	CI around median	1,050	494

ATTACHMENT C.
COMPARISON OF STATISTICAL RESULTS TO BACKGROUND - QUARTER 3, 2023
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ASH POND
KINCAID, IL

Notes:
Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value
HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

USCU = Upper Semi-Confining Unit

mg/L = milligrams per liter
ND = non-detect
pCi/L = picocuries per liter
SU = standard units
Sample Count = number of samples from Sampled Date Range used to calculate the Statistical Result
Statistical Calculation = method used to calculate the statistical result:

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

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

CB around linear reg = Confidence band around linear regression

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

Statistical Result = calculated in accordance with 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