

Illinois Power Generating Company
1500 Eastport Plaza Drive
Collinsville, IL 62234

July 8, 2025

Illinois Environmental Protection Agency
DWPC – Permits MC#33
Attn: Part 845 Coal Combustion Residual Rule Submittal
2520 West Iles Avenue
P.O. Box 19276
Springfield, IL 62794

Re: Newton Power Plant Primary Ash Pond; IEPA ID # W0798070001-01

Dear Mr. LeCrone:

In accordance with Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.610(b)(3)(D), Illinois Power Generating Company is submitting groundwater monitoring data for the Quarter 2, 2025 sampling event at the Newton Power Plant Primary Ash Pond, identified by Illinois Environmental Protection Agency (IEPA) ID No. W0798070001-01. This data is being submitted and placed in the facility's operating record as required by 35 I.A.C. § 845.800(d)(15) within 60 days of receiving final laboratory analytical data. Results were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances¹ of the GWPS.

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

A Corrective Measures Assessment (CMA) for the Primary Ash Pond was initiated on November 5, 2023, completed, and submitted to IEPA on April 3, 2024 in accordance with 35 I.A.C. § 845.660. The CMA was the first step towards developing a Corrective Action Plan, which ultimately selects a remedy to address all releases from the Primary Ash Pond. The selected remedy meets the performance standards of 35 I.A.C. § 845.670(d), and a public meeting was held on February 26, 2025, prior to selection of a remedy in accordance with 35 I.A.C. § 845.660(d), and a corrective action plan was submitted to IEPA on April 1, 2025. Once implemented and completed, the selected remedy will attain the GWPSs.

Sincerely,



Phil Morris, PE
Senior Director, Environmental

Enclosures

Groundwater Monitoring Data and Detected Exceedances, Quarter 2, 2025, Primary Ash Pond, Newton Power Plant, Newton, Illinois

¹ Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program, which was submitted to the IEPA on October 25, 2021 as part of Illinois Power Generating Company's operating permit application for Newton Power Plant Primary Ash Pond. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and therefore Illinois Power Generating Company has not identified any actual exceedances.

35 I.A.C. § 845.610(b)(3)(D)
GROUNDWATER MONITORING DATA AND DETECTED EXCEEDANCES¹
QUARTER 2, 2025
PRIMARY ASH POND, NEWTON POWER PLANT, NEWTON, ILLINOIS

July 8, 2025

Samples were collected and analyzed for the parameters listed in Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.600(a), calcium, and turbidity. Final laboratory analytical data was received on May 9, 2025.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 2, 2025 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 2, 2025 sampling event.

In accordance with 35 I.A.C. § 845.610(b)(3)(C) and the statistical analysis plan submitted with the operating permit application (Appendix A of the Groundwater Monitoring Plan)², constituent concentrations observed at compliance monitoring wells in Quarter 2, 2025 were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances of the GWPS (**Table 2**). **Attachment C** shows the results of the comparison to background levels.

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

As allowed in 35 I.A.C. § 845.650(e), an Alternative Source Demonstration³ (ASD) was submitted on October 6, 2023 for the exceedance of the chloride GWPS detected at monitoring well APW15 during the Quarter 2, 2023 sampling event. Illinois Environmental Protection Agency (IEPA) provided a written response on November 7, 2023⁴ that did not concur with the ASD. The non-concurrence was appealed, and on January 18, 2024, the Illinois Pollution Control Board granted the company's requests to stay the applicability of 35 I.A.C. §§ 845.650(d), 845.660, 845.670, and 845.680 as they apply to the exceedance(s) of the chloride GWPS at monitoring well APW15.

¹ Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program, which was submitted to the IEPA on October 25, 2021 as part of Illinois Power Generating Company's operating permit application for Newton Power Plant Primary Ash Pond. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and, therefore, Illinois Power Generating Company has not identified any actual exceedances.

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

³ Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2023. 35 I.A.C. § 845.650(E): *Alternative Source Demonstration, Primary Ash Pond, Newton Power Plant, Newton, Illinois, IEPA ID: W079807001-01.* October 6, 2023.

⁴ Illinois Environmental Protection Agency (IEPA), 2023. *Letter from Michael Summers (IEPA) to Phil Morris (Illinois Power Generating Company): Re: Newton Power Plant Primary Ash Pond - W079807001-01, Alternative Source Demonstration Submittal.* November 7, 2023.

TABLES

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

FIGURES

Figure 1	Monitoring Well Location Map
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ATTACHMENTS

Attachment A	Groundwater Elevation Data - Quarter 2, 2025
Attachment B	Laboratory Reports and Field Data Sheets - Quarter 2, 2025
Attachment C	Comparison to Background - Quarter 2, 2025

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW05	Background	E009	04/01/2025	Antimony, total	0.0005 J	mg/L
APW05	Background	E009	04/01/2025	Arsenic, total	0.00630	mg/L
APW05	Background	E009	04/01/2025	Barium, total	0.276	mg/L
APW05	Background	E009	04/01/2025	Beryllium, total	0.0002 U	mg/L
APW05	Background	E009	04/01/2025	Boron, total	0.123	mg/L
APW05	Background	E009	04/01/2025	Cadmium, total	0.0002 U	mg/L
APW05	Background	E009	04/01/2025	Calcium, total	49.3	mg/L
APW05	Background	E009	04/01/2025	Chloride, total	48.5	mg/L
APW05	Background	E009	04/01/2025	Chromium, total	0.00150	mg/L
APW05	Background	E009	04/01/2025	Cobalt, total	0.0001 J	mg/L
APW05	Background	E009	04/01/2025	Dissolved Oxygen	7.26	mg/L
APW05	Background	E009	04/01/2025	Fluoride, total	0.43 J	mg/L
APW05	Background	E009	04/01/2025	Lead, total	0.0006 U	mg/L
APW05	Background	E009	04/01/2025	Lithium, total	0.0112	mg/L
APW05	Background	E009	04/01/2025	Mercury, total	0.00006 U	mg/L
APW05	Background	E009	04/01/2025	Molybdenum, total	0.0202	mg/L
APW05	Background	E009	04/01/2025	Oxidation Reduction Potential	242	mV
APW05	Background	E009	04/01/2025	pH (field)	7.7	SU
APW05	Background	E009	04/01/2025	Radium 226 + Radium 228, total	0.396	pCi/L
APW05	Background	E009	04/01/2025	Selenium, total	0.0006 U	mg/L
APW05	Background	E009	04/01/2025	Specific Conductance @ 25C (field)	1,930	micromhos/cm
APW05	Background	E009	04/01/2025	Sulfate, total	14.6	mg/L
APW05	Background	E009	04/01/2025	Temperature	12.6	degrees C
APW05	Background	E009	04/01/2025	Thallium, total	0.001 U	mg/L
APW05	Background	E009	04/01/2025	Total Dissolved Solids	578	mg/L
APW05	Background	E009	04/01/2025	Turbidity, field	1.60	NTU
APW06	Background	E009	04/02/2025	Antimony, total	0.0008 J	mg/L
APW06	Background	E009	04/02/2025	Arsenic, total	0.00530	mg/L
APW06	Background	E009	04/02/2025	Barium, total	0.246	mg/L
APW06	Background	E009	04/02/2025	Beryllium, total	0.0002 U	mg/L
APW06	Background	E009	04/02/2025	Boron, total	0.0818 J+	mg/L
APW06	Background	E009	04/02/2025	Cadmium, total	0.0002 U	mg/L
APW06	Background	E009	04/02/2025	Calcium, total	55.5	mg/L
APW06	Background	E009	04/02/2025	Chloride, total	23.3	mg/L
APW06	Background	E009	04/02/2025	Chromium, total	0.00190	mg/L
APW06	Background	E009	04/02/2025	Cobalt, total	0.0005 J	mg/L
APW06	Background	E009	04/02/2025	Dissolved Oxygen	1.17	mg/L
APW06	Background	E009	04/02/2025	Fluoride, total	0.500	mg/L
APW06	Background	E009	04/02/2025	Lead, total	0.00180	mg/L
APW06	Background	E009	04/02/2025	Lithium, total	0.0102	mg/L
APW06	Background	E009	04/02/2025	Mercury, total	0.00006 U	mg/L
APW06	Background	E009	04/02/2025	Molybdenum, total	0.00680 J+	mg/L
APW06	Background	E009	04/02/2025	Oxidation Reduction Potential	117	mV
APW06	Background	E009	04/02/2025	pH (field)	7.5	SU
APW06	Background	E009	04/02/2025	Radium 226 + Radium 228, total	0.626	pCi/L
APW06	Background	E009	04/02/2025	Selenium, total	0.0006 U	mg/L

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NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW06	Background	E009	04/02/2025	Specific Conductance @ 25C (field)	1,720	micromhos/cm
APW06	Background	E009	04/02/2025	Sulfate, total	10 UJ	mg/L
APW06	Background	E009	04/02/2025	Temperature	16.4	degrees C
APW06	Background	E009	04/02/2025	Thallium, total	0.001 U	mg/L
APW06	Background	E009	04/02/2025	Total Dissolved Solids	508	mg/L
APW06	Background	E009	04/02/2025	Turbidity, field	12.0	NTU
APW02	Compliance	E009	04/01/2025	Antimony, total	0.0004 U	mg/L
APW02	Compliance	E009	04/01/2025	Arsenic, total	0.0004 U	mg/L
APW02	Compliance	E009	04/01/2025	Barium, total	0.00830	mg/L
APW02	Compliance	E009	04/01/2025	Beryllium, total	0.0002 U	mg/L
APW02	Compliance	E009	04/01/2025	Boron, total	0.0779	mg/L
APW02	Compliance	E009	04/01/2025	Cadmium, total	0.0002 U	mg/L
APW02	Compliance	E009	04/01/2025	Calcium, total	448	mg/L
APW02	Compliance	E009	04/01/2025	Chloride, total	85.0	mg/L
APW02	Compliance	E009	04/01/2025	Chromium, total	0.0007 U	mg/L
APW02	Compliance	E009	04/01/2025	Cobalt, total	0.0001 U	mg/L
APW02	Compliance	E009	04/01/2025	Dissolved Oxygen	1.69	mg/L
APW02	Compliance	E009	04/01/2025	Fluoride, total	0.04 U	mg/L
APW02	Compliance	E009	04/01/2025	Lead, total	0.0006 U	mg/L
APW02	Compliance	E009	04/01/2025	Lithium, total	0.0842	mg/L
APW02	Compliance	E009	04/01/2025	Mercury, total	0.00006 U	mg/L
APW02	Compliance	E009	04/01/2025	Molybdenum, total	0.0015 UJ	mg/L
APW02	Compliance	E009	04/01/2025	Oxidation Reduction Potential	229	mV
APW02	Compliance	E009	04/01/2025	pH (field)	6.7	SU
APW02	Compliance	E009	04/01/2025	Radium 226 + Radium 228, total	0.332	pCi/L
APW02	Compliance	E009	04/01/2025	Selenium, total	0.0006 U	mg/L
APW02	Compliance	E009	04/01/2025	Specific Conductance @ 25C (field)	9,800	micromhos/cm
APW02	Compliance	E009	04/01/2025	Sulfate, total	3,050	mg/L
APW02	Compliance	E009	04/01/2025	Temperature	10.9	degrees C
APW02	Compliance	E009	04/01/2025	Thallium, total	0.001 U	mg/L
APW02	Compliance	E009	04/01/2025	Total Dissolved Solids	4,770 J	mg/L
APW02	Compliance	E009	04/01/2025	Turbidity, field	35.0	NTU
APW03	Compliance	E009	04/02/2025	Antimony, total	0.0004 U	mg/L
APW03	Compliance	E009	04/02/2025	Arsenic, total	0.0004 J	mg/L
APW03	Compliance	E009	04/02/2025	Barium, total	0.119	mg/L
APW03	Compliance	E009	04/02/2025	Beryllium, total	0.0002 U	mg/L
APW03	Compliance	E009	04/02/2025	Boron, total	0.465	mg/L
APW03	Compliance	E009	04/02/2025	Cadmium, total	0.0002 U	mg/L
APW03	Compliance	E009	04/02/2025	Calcium, total	91.1	mg/L
APW03	Compliance	E009	04/02/2025	Chloride, total	8.34	mg/L
APW03	Compliance	E009	04/02/2025	Chromium, total	0.0007 U	mg/L
APW03	Compliance	E009	04/02/2025	Cobalt, total	0.0002 J	mg/L
APW03	Compliance	E009	04/02/2025	Dissolved Oxygen	1.03	mg/L
APW03	Compliance	E009	04/02/2025	Fluoride, total	0.15 J	mg/L
APW03	Compliance	E009	04/02/2025	Lead, total	0.0006 U	mg/L
APW03	Compliance	E009	04/02/2025	Lithium, total	0.0117	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW03	Compliance	E009	04/02/2025	Mercury, total	0.00006 U	mg/L
APW03	Compliance	E009	04/02/2025	Molybdenum, total	0.0006 U	mg/L
APW03	Compliance	E009	04/02/2025	Oxidation Reduction Potential	104	mV
APW03	Compliance	E009	04/02/2025	pH (field)	6.7	SU
APW03	Compliance	E009	04/02/2025	Radium 226 + Radium 228, total	0.37	pCi/L
APW03	Compliance	E009	04/02/2025	Selenium, total	0.0006 U	mg/L
APW03	Compliance	E009	04/02/2025	Specific Conductance @ 25C (field)	1,940	micromhos/cm
APW03	Compliance	E009	04/02/2025	Sulfate, total	108	mg/L
APW03	Compliance	E009	04/02/2025	Temperature	14.4	degrees C
APW03	Compliance	E009	04/02/2025	Thallium, total	0.001 U	mg/L
APW03	Compliance	E009	04/02/2025	Total Dissolved Solids	616	mg/L
APW03	Compliance	E009	04/02/2025	Turbidity, field	8.80	NTU
APW04	Compliance	E009	04/02/2025	Antimony, total	0.0004 U	mg/L
APW04	Compliance	E009	04/02/2025	Arsenic, total	0.0004 U	mg/L
APW04	Compliance	E009	04/02/2025	Barium, total	0.0149	mg/L
APW04	Compliance	E009	04/02/2025	Beryllium, total	0.0002 U	mg/L
APW04	Compliance	E009	04/02/2025	Boron, total	0.025 UJ	mg/L
APW04	Compliance	E009	04/02/2025	Cadmium, total	0.0002 U	mg/L
APW04	Compliance	E009	04/02/2025	Calcium, total	203	mg/L
APW04	Compliance	E009	04/02/2025	Chloride, total	34.1	mg/L
APW04	Compliance	E009	04/02/2025	Chromium, total	0.0007 U	mg/L
APW04	Compliance	E009	04/02/2025	Cobalt, total	0.0001 J	mg/L
APW04	Compliance	E009	04/02/2025	Dissolved Oxygen	1.43	mg/L
APW04	Compliance	E009	04/02/2025	Fluoride, total	0.13 J	mg/L
APW04	Compliance	E009	04/02/2025	Lead, total	0.0006 U	mg/L
APW04	Compliance	E009	04/02/2025	Lithium, total	0.0202	mg/L
APW04	Compliance	E009	04/02/2025	Mercury, total	0.00006 U	mg/L
APW04	Compliance	E009	04/02/2025	Molybdenum, total	0.0015 UJ	mg/L
APW04	Compliance	E009	04/02/2025	Oxidation Reduction Potential	138	mV
APW04	Compliance	E009	04/02/2025	pH (field)	6.7	SU
APW04	Compliance	E009	04/02/2025	Radium 226 + Radium 228, total	0.603	pCi/L
APW04	Compliance	E009	04/02/2025	Selenium, total	0.0006 U	mg/L
APW04	Compliance	E009	04/02/2025	Specific Conductance @ 25C (field)	4,440	micromhos/cm
APW04	Compliance	E009	04/02/2025	Sulfate, total	850	mg/L
APW04	Compliance	E009	04/02/2025	Temperature	13.5	degrees C
APW04	Compliance	E009	04/02/2025	Thallium, total	0.001 U	mg/L
APW04	Compliance	E009	04/02/2025	Total Dissolved Solids	1,800	mg/L
APW04	Compliance	E009	04/02/2025	Turbidity, field	29.0	NTU
APW05S	Compliance	E009	04/01/2025	Antimony, total	0.0004 U	mg/L
APW05S	Compliance	E009	04/01/2025	Arsenic, total	0.0004 J	mg/L
APW05S	Compliance	E009	04/01/2025	Barium, total	0.0397	mg/L
APW05S	Compliance	E009	04/01/2025	Beryllium, total	0.0002 U	mg/L
APW05S	Compliance	E009	04/01/2025	Boron, total	0.0513	mg/L
APW05S	Compliance	E009	04/01/2025	Cadmium, total	0.0002 U	mg/L
APW05S	Compliance	E009	04/01/2025	Calcium, total	393	mg/L
APW05S	Compliance	E009	04/01/2025	Chloride, total	176	mg/L

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APW05S	Compliance	E009	04/01/2025	Chromium, total	0.0007 U	mg/L
APW05S	Compliance	E009	04/01/2025	Cobalt, total	0.0006 J	mg/L
APW05S	Compliance	E009	04/01/2025	Dissolved Oxygen	2.71	mg/L
APW05S	Compliance	E009	04/01/2025	Fluoride, total	0.4 U	mg/L
APW05S	Compliance	E009	04/01/2025	Lead, total	0.0006 U	mg/L
APW05S	Compliance	E009	04/01/2025	Lithium, total	0.0455	mg/L
APW05S	Compliance	E009	04/01/2025	Mercury, total	0.00006 U	mg/L
APW05S	Compliance	E009	04/01/2025	Molybdenum, total	0.0015 UJ	mg/L
APW05S	Compliance	E009	04/01/2025	Oxidation Reduction Potential	256	mV
APW05S	Compliance	E009	04/01/2025	pH (field)	6.7	SU
APW05S	Compliance	E009	04/01/2025	Radium 226 + Radium 228, total	0.45	pCi/L
APW05S	Compliance	E009	04/01/2025	Selenium, total	0.0006 U	mg/L
APW05S	Compliance	E009	04/01/2025	Specific Conductance @ 25C (field)	8,020	micromhos/cm
APW05S	Compliance	E009	04/01/2025	Sulfate, total	1,900	mg/L
APW05S	Compliance	E009	04/01/2025	Temperature	11.3	degrees C
APW05S	Compliance	E009	04/01/2025	Thallium, total	0.001 U	mg/L
APW05S	Compliance	E009	04/01/2025	Total Dissolved Solids	3,660	mg/L
APW05S	Compliance	E009	04/01/2025	Turbidity, field	8.80	NTU
APW07	Compliance	E009	04/02/2025	Antimony, total	0.0006 J	mg/L
APW07	Compliance	E009	04/02/2025	Arsenic, total	0.0240	mg/L
APW07	Compliance	E009	04/02/2025	Barium, total	0.579	mg/L
APW07	Compliance	E009	04/02/2025	Beryllium, total	0.0005 J	mg/L
APW07	Compliance	E009	04/02/2025	Boron, total	0.0974 J+	mg/L
APW07	Compliance	E009	04/02/2025	Cadmium, total	0.0002 J	mg/L
APW07	Compliance	E009	04/02/2025	Calcium, total	114	mg/L
APW07	Compliance	E009	04/02/2025	Chloride, total	64.1	mg/L
APW07	Compliance	E009	04/02/2025	Chromium, total	0.0219	mg/L
APW07	Compliance	E009	04/02/2025	Cobalt, total	0.00620	mg/L
APW07	Compliance	E009	04/02/2025	Dissolved Oxygen	1.96	mg/L
APW07	Compliance	E009	04/02/2025	Fluoride, total	0.37 J	mg/L
APW07	Compliance	E009	04/02/2025	Lead, total	0.00930	mg/L
APW07	Compliance	E009	04/02/2025	Lithium, total	0.0102	mg/L
APW07	Compliance	E009	04/02/2025	Mercury, total	0.00006 U	mg/L
APW07	Compliance	E009	04/02/2025	Molybdenum, total	0.00530 J+	mg/L
APW07	Compliance	E009	04/02/2025	Oxidation Reduction Potential	134	mV
APW07	Compliance	E009	04/02/2025	pH (field)	7.2	SU
APW07	Compliance	E009	04/02/2025	Radium 226 + Radium 228, total	1.99	pCi/L
APW07	Compliance	E009	04/02/2025	Selenium, total	0.0006 U	mg/L
APW07	Compliance	E009	04/02/2025	Specific Conductance @ 25C (field)	2,140	micromhos/cm
APW07	Compliance	E009	04/02/2025	Sulfate, total	15.0	mg/L
APW07	Compliance	E009	04/02/2025	Temperature	16.8	degrees C
APW07	Compliance	E009	04/02/2025	Thallium, total	0.001 J	mg/L
APW07	Compliance	E009	04/02/2025	Total Dissolved Solids	630	mg/L
APW07	Compliance	E009	04/02/2025	Turbidity, field	310	NTU
APW08	Compliance	E009	04/02/2025	Antimony, total	0.0004 U	mg/L
APW08	Compliance	E009	04/02/2025	Arsenic, total	0.0253	mg/L

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NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW08	Compliance	E009	04/02/2025	Barium, total	0.562	mg/L
APW08	Compliance	E009	04/02/2025	Beryllium, total	0.0002 U	mg/L
APW08	Compliance	E009	04/02/2025	Boron, total	0.0939 J+	mg/L
APW08	Compliance	E009	04/02/2025	Cadmium, total	0.0002 U	mg/L
APW08	Compliance	E009	04/02/2025	Calcium, total	99.9	mg/L
APW08	Compliance	E009	04/02/2025	Chloride, total	55.6	mg/L
APW08	Compliance	E009	04/02/2025	Chromium, total	0.00340	mg/L
APW08	Compliance	E009	04/02/2025	Cobalt, total	0.0006 J	mg/L
APW08	Compliance	E009	04/02/2025	Dissolved Oxygen	0.890	mg/L
APW08	Compliance	E009	04/02/2025	Fluoride, total	0.48 J	mg/L
APW08	Compliance	E009	04/02/2025	Lead, total	0.0006 U	mg/L
APW08	Compliance	E009	04/02/2025	Lithium, total	0.00340	mg/L
APW08	Compliance	E009	04/02/2025	Mercury, total	0.00006 U	mg/L
APW08	Compliance	E009	04/02/2025	Molybdenum, total	0.00420 J+	mg/L
APW08	Compliance	E009	04/02/2025	Oxidation Reduction Potential	-144	mV
APW08	Compliance	E009	04/02/2025	pH (field)	7.3	SU
APW08	Compliance	E009	04/02/2025	Radium 226 + Radium 228, total	1.65	pCi/L
APW08	Compliance	E009	04/02/2025	Selenium, total	0.0006 U	mg/L
APW08	Compliance	E009	04/02/2025	Specific Conductance @ 25C (field)	2,370	micromhos/cm
APW08	Compliance	E009	04/02/2025	Sulfate, total	49.3	mg/L
APW08	Compliance	E009	04/02/2025	Temperature	15.0	degrees C
APW08	Compliance	E009	04/02/2025	Thallium, total	0.001 U	mg/L
APW08	Compliance	E009	04/02/2025	Total Dissolved Solids	658	mg/L
APW08	Compliance	E009	04/02/2025	Turbidity, field	130	NTU
APW09	Compliance	E009	04/02/2025	Antimony, total	0.0004 U	mg/L
APW09	Compliance	E009	04/02/2025	Arsenic, total	0.0327	mg/L
APW09	Compliance	E009	04/02/2025	Barium, total	0.511	mg/L
APW09	Compliance	E009	04/02/2025	Beryllium, total	0.00100 J	mg/L
APW09	Compliance	E009	04/02/2025	Boron, total	0.117	mg/L
APW09	Compliance	E009	04/02/2025	Cadmium, total	0.0002 U	mg/L
APW09	Compliance	E009	04/02/2025	Calcium, total	78.5	mg/L
APW09	Compliance	E009	04/02/2025	Chloride, total	140	mg/L
APW09	Compliance	E009	04/02/2025	Chromium, total	0.00520 J	mg/L
APW09	Compliance	E009	04/02/2025	Cobalt, total	0.00210	mg/L
APW09	Compliance	E009	04/02/2025	Dissolved Oxygen	0.580	mg/L
APW09	Compliance	E009	04/02/2025	Fluoride, total	0.49 J	mg/L
APW09	Compliance	E009	04/02/2025	Lead, total	0.00400	mg/L
APW09	Compliance	E009	04/02/2025	Lithium, total	0.00940	mg/L
APW09	Compliance	E009	04/02/2025	Mercury, total	0.00006 U	mg/L
APW09	Compliance	E009	04/02/2025	Molybdenum, total	0.00710 J+	mg/L
APW09	Compliance	E009	04/02/2025	Oxidation Reduction Potential	128	mV
APW09	Compliance	E009	04/02/2025	pH (field)	7.3	SU
APW09	Compliance	E009	04/02/2025	Radium 226 + Radium 228, total	1.28	pCi/L
APW09	Compliance	E009	04/02/2025	Selenium, total	0.0006 U	mg/L
APW09	Compliance	E009	04/02/2025	Specific Conductance @ 25C (field)	2,920	micromhos/cm
APW09	Compliance	E009	04/02/2025	Sulfate, total	12.8 J+	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW09	Compliance	E009	04/02/2025	Temperature	14.9	degrees C
APW09	Compliance	E009	04/02/2025	Thallium, total	0.001 U	mg/L
APW09	Compliance	E009	04/02/2025	Total Dissolved Solids	872	mg/L
APW09	Compliance	E009	04/02/2025	Turbidity, field	260	NTU
APW10	Compliance	E009	04/02/2025	Antimony, total	0.0004 U	mg/L
APW10	Compliance	E009	04/02/2025	Arsenic, total	0.00900	mg/L
APW10	Compliance	E009	04/02/2025	Barium, total	0.0281	mg/L
APW10	Compliance	E009	04/02/2025	Beryllium, total	0.0002 U	mg/L
APW10	Compliance	E009	04/02/2025	Boron, total	0.0755 J+	mg/L
APW10	Compliance	E009	04/02/2025	Cadmium, total	0.0002 U	mg/L
APW10	Compliance	E009	04/02/2025	Calcium, total	138	mg/L
APW10	Compliance	E009	04/02/2025	Chloride, total	44.7	mg/L
APW10	Compliance	E009	04/02/2025	Chromium, total	0.0008 J	mg/L
APW10	Compliance	E009	04/02/2025	Cobalt, total	0.0004 J	mg/L
APW10	Compliance	E009	04/02/2025	Dissolved Oxygen	0.580	mg/L
APW10	Compliance	E009	04/02/2025	Fluoride, total	0.3 J	mg/L
APW10	Compliance	E009	04/02/2025	Lead, total	0.0006 U	mg/L
APW10	Compliance	E009	04/02/2025	Lithium, total	0.0205	mg/L
APW10	Compliance	E009	04/02/2025	Mercury, total	0.00006 U	mg/L
APW10	Compliance	E009	04/02/2025	Molybdenum, total	0.00650 J+	mg/L
APW10	Compliance	E009	04/02/2025	Oxidation Reduction Potential	-46.0	mV
APW10	Compliance	E009	04/02/2025	pH (field)	7.2	SU
APW10	Compliance	E009	04/02/2025	Radium 226 + Radium 228, total	0.696	pCi/L
APW10	Compliance	E009	04/02/2025	Selenium, total	0.0006 U	mg/L
APW10	Compliance	E009	04/02/2025	Specific Conductance @ 25C (field)	3,190	micromhos/cm
APW10	Compliance	E009	04/02/2025	Sulfate, total	418	mg/L
APW10	Compliance	E009	04/02/2025	Temperature	14.4	degrees C
APW10	Compliance	E009	04/02/2025	Thallium, total	0.001 U	mg/L
APW10	Compliance	E009	04/02/2025	Total Dissolved Solids	1,100	mg/L
APW10	Compliance	E009	04/02/2025	Turbidity, field	140	NTU
APW11	Compliance	E009	04/02/2025	Antimony, total	0.0004 U	mg/L
APW11	Compliance	E009	04/02/2025	Arsenic, total	0.00420	mg/L
APW11	Compliance	E009	04/02/2025	Barium, total	0.0400	mg/L
APW11	Compliance	E009	04/02/2025	Beryllium, total	0.0002 U	mg/L
APW11	Compliance	E009	04/02/2025	Boron, total	0.0641 J+	mg/L
APW11	Compliance	E009	04/02/2025	Cadmium, total	0.0002 U	mg/L
APW11	Compliance	E009	04/02/2025	Calcium, total	119	mg/L
APW11	Compliance	E009	04/02/2025	Chloride, total	24.5	mg/L
APW11	Compliance	E009	04/02/2025	Chromium, total	0.0012 J	mg/L
APW11	Compliance	E009	04/02/2025	Cobalt, total	0.0002 J	mg/L
APW11	Compliance	E009	04/02/2025	Dissolved Oxygen	0.770	mg/L
APW11	Compliance	E009	04/02/2025	Fluoride, total	0.3 J	mg/L
APW11	Compliance	E009	04/02/2025	Lead, total	0.0006 U	mg/L
APW11	Compliance	E009	04/02/2025	Lithium, total	0.0202	mg/L
APW11	Compliance	E009	04/02/2025	Mercury, total	0.00006 U	mg/L
APW11	Compliance	E009	04/02/2025	Molybdenum, total	0.00440 J+	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW11	Compliance	E009	04/02/2025	Oxidation Reduction Potential	-69.0	mV
APW11	Compliance	E009	04/02/2025	pH (field)	7.0	SU
APW11	Compliance	E009	04/02/2025	Radium 226 + Radium 228, total	0.842	pCi/L
APW11	Compliance	E009	04/02/2025	Selenium, total	0.0006 U	mg/L
APW11	Compliance	E009	04/02/2025	Specific Conductance @ 25C (field)	2,650	micromhos/cm
APW11	Compliance	E009	04/02/2025	Sulfate, total	285	mg/L
APW11	Compliance	E009	04/02/2025	Temperature	15.6	degrees C
APW11	Compliance	E009	04/02/2025	Thallium, total	0.001 U	mg/L
APW11	Compliance	E009	04/02/2025	Total Dissolved Solids	876	mg/L
APW11	Compliance	E009	04/02/2025	Turbidity, field	140	NTU
APW12	Compliance	E009	04/02/2025	Antimony, total	0.0005 J	mg/L
APW12	Compliance	E009	04/02/2025	Arsenic, total	0.0006 J	mg/L
APW12	Compliance	E009	04/02/2025	Barium, total	0.0323	mg/L
APW12	Compliance	E009	04/02/2025	Beryllium, total	0.0002 U	mg/L
APW12	Compliance	E009	04/02/2025	Boron, total	0.900	mg/L
APW12	Compliance	E009	04/02/2025	Cadmium, total	0.0002 U	mg/L
APW12	Compliance	E009	04/02/2025	Calcium, total	263	mg/L
APW12	Compliance	E009	04/02/2025	Chloride, total	28.6	mg/L
APW12	Compliance	E009	04/02/2025	Chromium, total	0.0007 U	mg/L
APW12	Compliance	E009	04/02/2025	Cobalt, total	0.00100 J	mg/L
APW12	Compliance	E009	04/02/2025	Dissolved Oxygen	0.450	mg/L
APW12	Compliance	E009	04/02/2025	Fluoride, total	0.04 U	mg/L
APW12	Compliance	E009	04/02/2025	Lead, total	0.0006 U	mg/L
APW12	Compliance	E009	04/02/2025	Lithium, total	0.0282	mg/L
APW12	Compliance	E009	04/02/2025	Mercury, total	0.00006 U	mg/L
APW12	Compliance	E009	04/02/2025	Molybdenum, total	0.0015 UJ	mg/L
APW12	Compliance	E009	04/02/2025	Oxidation Reduction Potential	198	mV
APW12	Compliance	E009	04/02/2025	pH (field)	6.3	SU
APW12	Compliance	E009	04/02/2025	Radium 226 + Radium 228, total	0.809	pCi/L
APW12	Compliance	E009	04/02/2025	Selenium, total	0.0006 U	mg/L
APW12	Compliance	E009	04/02/2025	Specific Conductance @ 25C (field)	4,520	micromhos/cm
APW12	Compliance	E009	04/02/2025	Sulfate, total	880	mg/L
APW12	Compliance	E009	04/02/2025	Temperature	14.4	degrees C
APW12	Compliance	E009	04/02/2025	Thallium, total	0.001 U	mg/L
APW12	Compliance	E009	04/02/2025	Total Dissolved Solids	1,940	mg/L
APW12	Compliance	E009	04/02/2025	Turbidity, field	7.70	NTU
APW13	Compliance	E009	04/02/2025	Antimony, total	0.0004 U	mg/L
APW13	Compliance	E009	04/02/2025	Arsenic, total	0.00540	mg/L
APW13	Compliance	E009	04/02/2025	Barium, total	0.0699	mg/L
APW13	Compliance	E009	04/02/2025	Beryllium, total	0.0002 U	mg/L
APW13	Compliance	E009	04/02/2025	Boron, total	0.132	mg/L
APW13	Compliance	E009	04/02/2025	Cadmium, total	0.0002 U	mg/L
APW13	Compliance	E009	04/02/2025	Calcium, total	121	mg/L
APW13	Compliance	E009	04/02/2025	Chloride, total	51.0	mg/L
APW13	Compliance	E009	04/02/2025	Chromium, total	0.0007 U	mg/L
APW13	Compliance	E009	04/02/2025	Cobalt, total	0.0002 J	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW13	Compliance	E009	04/02/2025	Dissolved Oxygen	0.560	mg/L
APW13	Compliance	E009	04/02/2025	Fluoride, total	0.38 J	mg/L
APW13	Compliance	E009	04/02/2025	Lead, total	0.0006 U	mg/L
APW13	Compliance	E009	04/02/2025	Lithium, total	0.0267	mg/L
APW13	Compliance	E009	04/02/2025	Mercury, total	0.00006 U	mg/L
APW13	Compliance	E009	04/02/2025	Molybdenum, total	0.00850 J+	mg/L
APW13	Compliance	E009	04/02/2025	Oxidation Reduction Potential	187	mV
APW13	Compliance	E009	04/02/2025	pH (field)	7.1	SU
APW13	Compliance	E009	04/02/2025	Radium 226 + Radium 228, total	0.224	pCi/L
APW13	Compliance	E009	04/02/2025	Selenium, total	0.0006 U	mg/L
APW13	Compliance	E009	04/02/2025	Specific Conductance @ 25C (field)	2,880	micromhos/cm
APW13	Compliance	E009	04/02/2025	Sulfate, total	262	mg/L
APW13	Compliance	E009	04/02/2025	Temperature	15.0	degrees C
APW13	Compliance	E009	04/02/2025	Thallium, total	0.001 U	mg/L
APW13	Compliance	E009	04/02/2025	Total Dissolved Solids	942	mg/L
APW13	Compliance	E009	04/02/2025	Turbidity, field	42.0	NTU
APW14	Compliance	E009	04/02/2025	Antimony, total	0.0004 U	mg/L
APW14	Compliance	E009	04/02/2025	Arsenic, total	0.00720	mg/L
APW14	Compliance	E009	04/02/2025	Barium, total	0.0700	mg/L
APW14	Compliance	E009	04/02/2025	Beryllium, total	0.0002 U	mg/L
APW14	Compliance	E009	04/02/2025	Boron, total	0.116	mg/L
APW14	Compliance	E009	04/02/2025	Cadmium, total	0.0002 U	mg/L
APW14	Compliance	E009	04/02/2025	Calcium, total	136	mg/L
APW14	Compliance	E009	04/02/2025	Chloride, total	41.6	mg/L
APW14	Compliance	E009	04/02/2025	Chromium, total	0.0007 U	mg/L
APW14	Compliance	E009	04/02/2025	Cobalt, total	0.0002 J	mg/L
APW14	Compliance	E009	04/02/2025	Dissolved Oxygen	0.530	mg/L
APW14	Compliance	E009	04/02/2025	Fluoride, total	0.27 J	mg/L
APW14	Compliance	E009	04/02/2025	Lead, total	0.0006 U	mg/L
APW14	Compliance	E009	04/02/2025	Lithium, total	0.0229	mg/L
APW14	Compliance	E009	04/02/2025	Mercury, total	0.00006 U	mg/L
APW14	Compliance	E009	04/02/2025	Molybdenum, total	0.00480 J+	mg/L
APW14	Compliance	E009	04/02/2025	Oxidation Reduction Potential	160	mV
APW14	Compliance	E009	04/02/2025	pH (field)	7.2	SU
APW14	Compliance	E009	04/02/2025	Radium 226 + Radium 228, total	0.654	pCi/L
APW14	Compliance	E009	04/02/2025	Selenium, total	0.0006 U	mg/L
APW14	Compliance	E009	04/02/2025	Specific Conductance @ 25C (field)	3,040	micromhos/cm
APW14	Compliance	E009	04/02/2025	Sulfate, total	375	mg/L
APW14	Compliance	E009	04/02/2025	Temperature	14.6	degrees C
APW14	Compliance	E009	04/02/2025	Thallium, total	0.001 U	mg/L
APW14	Compliance	E009	04/02/2025	Total Dissolved Solids	1,040	mg/L
APW14	Compliance	E009	04/02/2025	Turbidity, field	8.60	NTU
APW15	Compliance	E009	04/02/2025	Antimony, total	0.0004 U	mg/L
APW15	Compliance	E009	04/02/2025	Arsenic, total	0.0402	mg/L
APW15	Compliance	E009	04/02/2025	Barium, total	0.753	mg/L
APW15	Compliance	E009	04/02/2025	Beryllium, total	0.0002 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW15	Compliance	E009	04/02/2025	Boron, total	0.157	mg/L
APW15	Compliance	E009	04/02/2025	Cadmium, total	0.0002 U	mg/L
APW15	Compliance	E009	04/02/2025	Calcium, total	90.3	mg/L
APW15	Compliance	E009	04/02/2025	Chloride, total	273	mg/L
APW15	Compliance	E009	04/02/2025	Chromium, total	0.00300	mg/L
APW15	Compliance	E009	04/02/2025	Cobalt, total	0.00130	mg/L
APW15	Compliance	E009	04/02/2025	Dissolved Oxygen	0.180	mg/L
APW15	Compliance	E009	04/02/2025	Fluoride, total	0.46 J	mg/L
APW15	Compliance	E009	04/02/2025	Lead, total	0.00120	mg/L
APW15	Compliance	E009	04/02/2025	Lithium, total	0.00720	mg/L
APW15	Compliance	E009	04/02/2025	Mercury, total	0.00006 U	mg/L
APW15	Compliance	E009	04/02/2025	Molybdenum, total	0.00490 J+	mg/L
APW15	Compliance	E009	04/02/2025	Oxidation Reduction Potential	60.0	mV
APW15	Compliance	E009	04/02/2025	pH (field)	7.0	SU
APW15	Compliance	E009	04/02/2025	Radium 226 + Radium 228, total	3.02	pCi/L
APW15	Compliance	E009	04/02/2025	Selenium, total	0.0006 U	mg/L
APW15	Compliance	E009	04/02/2025	Specific Conductance @ 25C (field)	4,050	micromhos/cm
APW15	Compliance	E009	04/02/2025	Sulfate, total	10 UJ	mg/L
APW15	Compliance	E009	04/02/2025	Temperature	15.5	degrees C
APW15	Compliance	E009	04/02/2025	Thallium, total	0.001 U	mg/L
APW15	Compliance	E009	04/02/2025	Total Dissolved Solids	1,090	mg/L
APW15	Compliance	E009	04/02/2025	Turbidity, field	200	NTU
APW16	Compliance	E009	04/01/2025	Antimony, total	0.0004 U	mg/L
APW16	Compliance	E009	04/01/2025	Arsenic, total	0.0273	mg/L
APW16	Compliance	E009	04/01/2025	Barium, total	0.609	mg/L
APW16	Compliance	E009	04/01/2025	Beryllium, total	0.0002 U	mg/L
APW16	Compliance	E009	04/01/2025	Boron, total	0.152	mg/L
APW16	Compliance	E009	04/01/2025	Cadmium, total	0.0002 U	mg/L
APW16	Compliance	E009	04/01/2025	Calcium, total	107	mg/L
APW16	Compliance	E009	04/01/2025	Chloride, total	68.1	mg/L
APW16	Compliance	E009	04/01/2025	Chromium, total	0.0007 U	mg/L
APW16	Compliance	E009	04/01/2025	Cobalt, total	0.0003 J	mg/L
APW16	Compliance	E009	04/01/2025	Dissolved Oxygen	0.470	mg/L
APW16	Compliance	E009	04/01/2025	Fluoride, total	0.760	mg/L
APW16	Compliance	E009	04/01/2025	Lead, total	0.0006 U	mg/L
APW16	Compliance	E009	04/01/2025	Lithium, total	0.00320	mg/L
APW16	Compliance	E009	04/01/2025	Mercury, total	0.00006 U	mg/L
APW16	Compliance	E009	04/01/2025	Molybdenum, total	0.0006 U	mg/L
APW16	Compliance	E009	04/01/2025	Oxidation Reduction Potential	115	mV
APW16	Compliance	E009	04/01/2025	pH (field)	7.4	SU
APW16	Compliance	E009	04/01/2025	Radium 226 + Radium 228, total	2.04	pCi/L
APW16	Compliance	E009	04/01/2025	Selenium, total	0.0006 U	mg/L
APW16	Compliance	E009	04/01/2025	Specific Conductance @ 25C (field)	2,660	micromhos/cm
APW16	Compliance	E009	04/01/2025	Sulfate, total	1.9 J	mg/L
APW16	Compliance	E009	04/01/2025	Temperature	13.7	degrees C
APW16	Compliance	E009	04/01/2025	Thallium, total	0.001 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW16	Compliance	E009	04/01/2025	Total Dissolved Solids	776	mg/L
APW16	Compliance	E009	04/01/2025	Turbidity, field	5.50	NTU
APW17	Compliance	E009	04/01/2025	Antimony, total	0.0004 U	mg/L
APW17	Compliance	E009	04/01/2025	Arsenic, total	0.0146	mg/L
APW17	Compliance	E009	04/01/2025	Barium, total	0.518	mg/L
APW17	Compliance	E009	04/01/2025	Beryllium, total	0.0002 U	mg/L
APW17	Compliance	E009	04/01/2025	Boron, total	0.0850	mg/L
APW17	Compliance	E009	04/01/2025	Cadmium, total	0.0002 U	mg/L
APW17	Compliance	E009	04/01/2025	Calcium, total	117	mg/L
APW17	Compliance	E009	04/01/2025	Chloride, total	52.3	mg/L
APW17	Compliance	E009	04/01/2025	Chromium, total	0.0007 U	mg/L
APW17	Compliance	E009	04/01/2025	Cobalt, total	0.0002 J	mg/L
APW17	Compliance	E009	04/01/2025	Dissolved Oxygen	0.720	mg/L
APW17	Compliance	E009	04/01/2025	Fluoride, total	0.510	mg/L
APW17	Compliance	E009	04/01/2025	Lead, total	0.0006 U	mg/L
APW17	Compliance	E009	04/01/2025	Lithium, total	0.00300	mg/L
APW17	Compliance	E009	04/01/2025	Mercury, total	0.00006 U	mg/L
APW17	Compliance	E009	04/01/2025	Molybdenum, total	0.00550 J+	mg/L
APW17	Compliance	E009	04/01/2025	Oxidation Reduction Potential	214	mV
APW17	Compliance	E009	04/01/2025	pH (field)	7.3	SU
APW17	Compliance	E009	04/01/2025	Radium 226 + Radium 228, total	1.6	pCi/L
APW17	Compliance	E009	04/01/2025	Selenium, total	0.0006 U	mg/L
APW17	Compliance	E009	04/01/2025	Specific Conductance @ 25C (field)	2,400	micromhos/cm
APW17	Compliance	E009	04/01/2025	Sulfate, total	68.4	mg/L
APW17	Compliance	E009	04/01/2025	Temperature	13.3	degrees C
APW17	Compliance	E009	04/01/2025	Thallium, total	0.001 U	mg/L
APW17	Compliance	E009	04/01/2025	Total Dissolved Solids	764	mg/L
APW17	Compliance	E009	04/01/2025	Turbidity, field	36.0	NTU
APW18	Compliance	E009	04/01/2025	Antimony, total	0.0004 U	mg/L
APW18	Compliance	E009	04/01/2025	Arsenic, total	0.00170	mg/L
APW18	Compliance	E009	04/01/2025	Barium, total	0.405	mg/L
APW18	Compliance	E009	04/01/2025	Beryllium, total	0.0002 U	mg/L
APW18	Compliance	E009	04/01/2025	Boron, total	0.118	mg/L
APW18	Compliance	E009	04/01/2025	Cadmium, total	0.0002 U	mg/L
APW18	Compliance	E009	04/01/2025	Calcium, total	78.5	mg/L
APW18	Compliance	E009	04/01/2025	Chloride, total	23.1	mg/L
APW18	Compliance	E009	04/01/2025	Chromium, total	0.0009 J	mg/L
APW18	Compliance	E009	04/01/2025	Cobalt, total	0.0003 J	mg/L
APW18	Compliance	E009	04/01/2025	Dissolved Oxygen	0.770	mg/L
APW18	Compliance	E009	04/01/2025	Fluoride, total	0.610	mg/L
APW18	Compliance	E009	04/01/2025	Lead, total	0.0006 U	mg/L
APW18	Compliance	E009	04/01/2025	Lithium, total	0.00550	mg/L
APW18	Compliance	E009	04/01/2025	Mercury, total	0.00006 U	mg/L
APW18	Compliance	E009	04/01/2025	Molybdenum, total	0.00360 J+	mg/L
APW18	Compliance	E009	04/01/2025	Oxidation Reduction Potential	181	mV
APW18	Compliance	E009	04/01/2025	pH (field)	7.6	SU

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW18	Compliance	E009	04/01/2025	Radium 226 + Radium 228, total	1.61	pCi/L
APW18	Compliance	E009	04/01/2025	Selenium, total	0.0006 U	mg/L
APW18	Compliance	E009	04/01/2025	Specific Conductance @ 25C (field)	2,060	micromhos/cm
APW18	Compliance	E009	04/01/2025	Sulfate, total	46.0	mg/L
APW18	Compliance	E009	04/01/2025	Temperature	13.7	degrees C
APW18	Compliance	E009	04/01/2025	Thallium, total	0.001 U	mg/L
APW18	Compliance	E009	04/01/2025	Total Dissolved Solids	594	mg/L
APW18	Compliance	E009	04/01/2025	Turbidity, field	25.0	NTU

Notes:
C = Celsius
cm = centimeter
Events:
E009 = Quarter 2, 2025 sampling event
mg/L = milligrams per liter
mV = millivolts
NTU = Nephelometric Turbidity Units
pCi/L = picocuries per liter
Result Code (if applicable):
NR¹ = Parameter not analyzed.
NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS³ = The location was not accessible; therefore, a sample was not collected.
NS⁴ = The location could not be found; therefore, a sample was not collected.
NS⁵ = The location was damaged; therefore, a sample was not collected.
NS⁶ = Sampling pump could not yield a sample.
NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS⁸ = A sample was not collected.
PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.
Result qualifiers as defined in the United States Environmental Protection Agency’s *National Functional Guidelines for Inorganic Superfund Methods Data Review*, EPA 542-R-20-006. November 2020.:
J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+ = The result is an estimated quantity, but the result may be biased high.
U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.
UJ = The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
SU = Standard Units

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
APW02	UD	E009	Antimony, total	mg/L	02/17/21 - 04/01/25	18	94	CB around T-S line	0.0000749	0.006	Standard	No Exceedance
APW02	UD	E009	Arsenic, total	mg/L	02/17/21 - 04/01/25	18	83	CI around median	0.001	0.0590	Background	No Exceedance
APW02	UD	E009	Barium, total	mg/L	02/17/21 - 04/01/25	18	0	CI around geomean	0.0092	2.0	Standard	No Exceedance
APW02	UD	E009	Beryllium, total	mg/L	02/17/21 - 04/01/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW02	UD	E009	Boron, total	mg/L	02/17/21 - 04/01/25	18	0	CI around geomean	0.0931	2	Standard	No Exceedance
APW02	UD	E009	Cadmium, total	mg/L	02/17/21 - 04/01/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW02	UD	E009	Chloride, total	mg/L	02/17/21 - 04/01/25	18	0	CB around linear reg	70.3	200	Standard	No Exceedance
APW02	UD	E009	Chromium, total	mg/L	02/17/21 - 04/01/25	18	83	CB around T-S line	0.000506	0.1	Standard	No Exceedance
APW02	UD	E009	Cobalt, total	mg/L	02/17/21 - 04/01/25	18	89	CB around T-S line	0.000608	0.006	Standard	No Exceedance
APW02	UD	E009	Fluoride, total	mg/L	02/17/21 - 04/01/25	18	72	CI around median	0.23	4.0	Standard	No Exceedance
APW02	UD	E009	Lead, total	mg/L	02/17/21 - 04/01/25	18	94	CI around median	0.001	0.0075	Standard	No Exceedance
APW02	UD	E009	Lithium, total	mg/L	02/17/21 - 04/01/25	18	0	CI around geomean	0.0943	0.04	Standard	Exceedance
APW02	UD	E009	Mercury, total	mg/L	02/17/21 - 04/01/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW02	UD	E009	Molybdenum, total	mg/L	02/17/21 - 04/01/25	17	47	CB around linear reg	0.00152	0.1	Standard	No Exceedance
APW02	UD	E009	pH (field)	SU	02/17/21 - 04/01/25	24	0	CI around median	6.6/6.8	6.4/9.0	Background/Standard	No Exceedance
APW02	UD	E009	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 04/01/25	17	0	CI around mean	0.319	6.90	Background	No Exceedance
APW02	UD	E009	Selenium, total	mg/L	02/17/21 - 04/01/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW02	UD	E009	Sulfate, total	mg/L	02/17/21 - 04/01/25	18	0	CI around median	2,900	400	Standard	Exceedance
APW02	UD	E009	Thallium, total	mg/L	02/17/21 - 04/01/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW02	UD	E009	Total Dissolved Solids	mg/L	02/17/21 - 04/01/25	24	0	CI around median	4,800	1,200	Standard	Exceedance
APW03	UD	E009	Antimony, total	mg/L	02/18/21 - 04/02/25	18	94	CB around T-S line	0.0000401	0.006	Standard	No Exceedance
APW03	UD	E009	Arsenic, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.0590	Background	No Exceedance
APW03	UD	E009	Barium, total	mg/L	02/18/21 - 04/02/25	18	0	CB around linear reg	0.0969	2.0	Standard	No Exceedance
APW03	UD	E009	Beryllium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW03	UD	E009	Boron, total	mg/L	02/18/21 - 04/02/25	18	0	CI around geomean	0.399	2	Standard	No Exceedance
APW03	UD	E009	Cadmium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW03	UD	E009	Chloride, total	mg/L	02/18/21 - 04/02/25	18	0	CI around mean	7.88	200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
APW03	UD	E009	Chromium, total	mg/L	02/18/21 - 04/02/25	18	78	CB around T-S line	0.000534	0.1	Standard	No Exceedance
APW03	UD	E009	Cobalt, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW03	UD	E009	Fluoride, total	mg/L	02/18/21 - 04/02/25	18	67	CI around median	0.25	4.0	Standard	No Exceedance
APW03	UD	E009	Lead, total	mg/L	02/18/21 - 04/02/25	18	94	CI around median	0.001	0.0075	Standard	No Exceedance
APW03	UD	E009	Lithium, total	mg/L	02/18/21 - 04/02/25	18	22	CB around linear reg	0.004	0.04	Standard	No Exceedance
APW03	UD	E009	Mercury, total	mg/L	02/18/21 - 04/02/25	18	94	CI around median	0.0002	0.002	Standard	No Exceedance
APW03	UD	E009	Molybdenum, total	mg/L	02/18/21 - 04/02/25	17	47	CI around mean	0.00114	0.1	Standard	No Exceedance
APW03	UD	E009	pH (field)	SU	02/18/21 - 04/02/25	24	0	CI around mean	6.8/7.1	6.4/9.0	Background/Standard	No Exceedance
APW03	UD	E009	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 04/02/25	17	0	CI around geomean	0.231	6.90	Background	No Exceedance
APW03	UD	E009	Selenium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW03	UD	E009	Sulfate, total	mg/L	02/18/21 - 04/02/25	18	0	CB around linear reg	79.1	400	Standard	No Exceedance
APW03	UD	E009	Thallium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW03	UD	E009	Total Dissolved Solids	mg/L	02/18/21 - 04/02/25	24	0	CI around mean	622	1,200	Standard	No Exceedance
APW04	UD	E009	Antimony, total	mg/L	02/18/21 - 04/02/25	18	94	CB around T-S line	0.0000498	0.006	Standard	No Exceedance
APW04	UD	E009	Arsenic, total	mg/L	02/18/21 - 04/02/25	18	61	CI around median	0.001	0.0590	Background	No Exceedance
APW04	UD	E009	Barium, total	mg/L	02/18/21 - 04/02/25	18	0	CI around mean	0.0183	2.0	Standard	No Exceedance
APW04	UD	E009	Beryllium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW04	UD	E009	Boron, total	mg/L	02/18/21 - 04/02/25	18	6	CI around median	0.025	2	Standard	No Exceedance
APW04	UD	E009	Cadmium, total	mg/L	02/18/21 - 04/02/25	18	94	CI around median	0.001	0.005	Standard	No Exceedance
APW04	UD	E009	Chloride, total	mg/L	02/18/21 - 04/02/25	18	0	CI around mean	31.4	200	Standard	No Exceedance
APW04	UD	E009	Chromium, total	mg/L	02/18/21 - 04/02/25	18	78	CB around T-S line	0.000765	0.1	Standard	No Exceedance
APW04	UD	E009	Cobalt, total	mg/L	02/18/21 - 04/02/25	18	94	CB around T-S line	0.000493	0.006	Standard	No Exceedance
APW04	UD	E009	Fluoride, total	mg/L	02/18/21 - 04/02/25	18	72	CI around median	0.25	4.0	Standard	No Exceedance
APW04	UD	E009	Lead, total	mg/L	02/18/21 - 04/02/25	18	78	CI around median	0.001	0.0075	Standard	No Exceedance
APW04	UD	E009	Lithium, total	mg/L	02/18/21 - 04/02/25	18	17	CI around median	0.021	0.04	Standard	No Exceedance
APW04	UD	E009	Mercury, total	mg/L	02/18/21 - 04/02/25	18	94	CI around median	0.0002	0.002	Standard	No Exceedance
APW04	UD	E009	Molybdenum, total	mg/L	02/18/21 - 04/02/25	17	82	CB around T-S line	0.001	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
APW04	UD	E009	pH (field)	SU	02/18/21 - 04/02/25	24	0	CI around median	6.7/6.9	6.4/9.0	Background/Standard	No Exceedance
APW04	UD	E009	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 04/02/25	17	0	CI around mean	0.265	6.90	Background	No Exceedance
APW04	UD	E009	Selenium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW04	UD	E009	Sulfate, total	mg/L	02/18/21 - 04/02/25	18	0	CB around T-S line	657	400	Standard	Exceedance
APW04	UD	E009	Thallium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW04	UD	E009	Total Dissolved Solids	mg/L	02/18/21 - 04/02/25	24	0	CI around median	1,700	1,200	Standard	Exceedance
APW05S	UD	E009	Antimony, total	mg/L	02/17/21 - 04/01/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW05S	UD	E009	Arsenic, total	mg/L	02/17/21 - 04/01/25	17	53	CI around median	0.001	0.0590	Background	No Exceedance
APW05S	UD	E009	Barium, total	mg/L	02/17/21 - 04/01/25	17	0	CB around T-S line	0.0179	2.0	Standard	No Exceedance
APW05S	UD	E009	Beryllium, total	mg/L	02/17/21 - 04/01/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW05S	UD	E009	Boron, total	mg/L	02/17/21 - 04/01/25	17	0	CI around median	0.039	2	Standard	No Exceedance
APW05S	UD	E009	Cadmium, total	mg/L	02/17/21 - 04/01/25	17	94	CI around median	0.001	0.005	Standard	No Exceedance
APW05S	UD	E009	Chloride, total	mg/L	02/17/21 - 04/01/25	17	0	CB around T-S line	37.1	200	Standard	No Exceedance
APW05S	UD	E009	Chromium, total	mg/L	02/17/21 - 04/01/25	17	82	CB around T-S line	0.00032	0.1	Standard	No Exceedance
APW05S	UD	E009	Cobalt, total	mg/L	02/17/21 - 04/01/25	17	47	CB around T-S line	-0.00139	0.006	Standard	No Exceedance
APW05S	UD	E009	Fluoride, total	mg/L	02/17/21 - 04/01/25	17	18	CB around T-S line	0.362	4.0	Standard	No Exceedance
APW05S	UD	E009	Lead, total	mg/L	02/17/21 - 04/01/25	17	94	CI around median	0.001	0.0075	Standard	No Exceedance
APW05S	UD	E009	Lithium, total	mg/L	02/17/21 - 04/01/25	17	0	CI around median	0.0366	0.04	Standard	No Exceedance
APW05S	UD	E009	Mercury, total	mg/L	02/17/21 - 04/01/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW05S	UD	E009	Molybdenum, total	mg/L	02/17/21 - 04/01/25	16	38	CI around median	0.0013	0.1	Standard	No Exceedance
APW05S	UD	E009	pH (field)	SU	02/17/21 - 04/01/25	17	0	CI around mean	6.6/6.9	6.4/9.0	Background/Standard	No Exceedance
APW05S	UD	E009	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 04/01/25	16	0	CI around geomean	0.26	6.90	Background	No Exceedance
APW05S	UD	E009	Selenium, total	mg/L	02/17/21 - 04/01/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW05S	UD	E009	Sulfate, total	mg/L	02/17/21 - 04/01/25	17	0	CI around median	1,700	400	Standard	Exceedance
APW05S	UD	E009	Thallium, total	mg/L	02/17/21 - 04/01/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW05S	UD	E009	Total Dissolved Solids	mg/L	02/17/21 - 04/01/25	17	0	CI around mean	3,350	1,200	Standard	Exceedance
APW07	UA	E009	Antimony, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
APW07	UA	E009	Arsenic, total	mg/L	12/15/15 - 04/02/25	20	0	CB around linear reg	0.0122	0.0590	Background	No Exceedance
APW07	UA	E009	Barium, total	mg/L	12/15/15 - 04/02/25	20	0	CB around T-S line	0.456	2.0	Standard	No Exceedance
APW07	UA	E009	Beryllium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW07	UA	E009	Boron, total	mg/L	12/15/15 - 04/02/25	30	0	CI around median	0.0769	2	Standard	No Exceedance
APW07	UA	E009	Cadmium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW07	UA	E009	Chloride, total	mg/L	12/15/15 - 04/02/25	33	0	CB around T-S line	55.4	200	Standard	No Exceedance
APW07	UA	E009	Chromium, total	mg/L	12/15/15 - 04/02/25	20	50	CI around median	0.0031	0.1	Standard	No Exceedance
APW07	UA	E009	Cobalt, total	mg/L	12/15/15 - 04/02/25	19	74	CI around median	0.001	0.006	Standard	No Exceedance
APW07	UA	E009	Fluoride, total	mg/L	12/15/15 - 04/02/25	30	13	CI around mean	0.355	4.0	Standard	No Exceedance
APW07	UA	E009	Lead, total	mg/L	12/15/15 - 04/02/25	20	60	CI around median	0.001	0.0075	Standard	No Exceedance
APW07	UA	E009	Lithium, total	mg/L	12/15/15 - 04/02/25	20	65	CI around median	0.0042	0.04	Standard	No Exceedance
APW07	UA	E009	Mercury, total	mg/L	12/15/15 - 04/02/25	20	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW07	UA	E009	Molybdenum, total	mg/L	12/15/15 - 04/02/25	19	0	CI around mean	0.00313	0.1	Standard	No Exceedance
APW07	UA	E009	pH (field)	SU	12/15/15 - 04/02/25	32	0	CI around mean	7.2/7.3	6.4/9.0	Background/Standard	No Exceedance
APW07	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 04/02/25	20	0	CI around mean	1.49	6.90	Background	No Exceedance
APW07	UA	E009	Selenium, total	mg/L	12/15/15 - 04/02/25	20	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW07	UA	E009	Sulfate, total	mg/L	12/15/15 - 04/02/25	31	13	CB around T-S line	13	400	Standard	No Exceedance
APW07	UA	E009	Thallium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW07	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 04/02/25	30	0	CB around T-S line	563	1,200	Standard	No Exceedance
APW08	UA	E009	Antimony, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW08	UA	E009	Arsenic, total	mg/L	12/15/15 - 04/02/25	20	0	CB around linear reg	0.0218	0.0590	Background	No Exceedance
APW08	UA	E009	Barium, total	mg/L	12/15/15 - 04/02/25	20	0	CB around T-S line	0.463	2.0	Standard	No Exceedance
APW08	UA	E009	Beryllium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW08	UA	E009	Boron, total	mg/L	12/15/15 - 04/02/25	30	0	CI around median	0.083	2	Standard	No Exceedance
APW08	UA	E009	Cadmium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW08	UA	E009	Chloride, total	mg/L	12/15/15 - 04/02/25	32	0	CI around mean	55	200	Standard	No Exceedance
APW08	UA	E009	Chromium, total	mg/L	12/15/15 - 04/02/25	20	50	CI around geomean	0.00215	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
APW08	UA	E009	Cobalt, total	mg/L	12/15/15 - 04/02/25	19	68	CI around median	0.001	0.006	Standard	No Exceedance
APW08	UA	E009	Fluoride, total	mg/L	12/15/15 - 04/02/25	30	17	CI around mean	0.377	4.0	Standard	No Exceedance
APW08	UA	E009	Lead, total	mg/L	12/15/15 - 04/02/25	20	60	CI around median	0.001	0.0075	Standard	No Exceedance
APW08	UA	E009	Lithium, total	mg/L	12/15/15 - 04/02/25	20	55	CI around median	0.0034	0.04	Standard	No Exceedance
APW08	UA	E009	Mercury, total	mg/L	12/15/15 - 04/02/25	20	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW08	UA	E009	Molybdenum, total	mg/L	12/15/15 - 04/02/25	19	0	CI around mean	0.00469	0.1	Standard	No Exceedance
APW08	UA	E009	pH (field)	SU	12/15/15 - 04/02/25	33	0	CI around mean	7.2/7.4	6.4/9.0	Background/Standard	No Exceedance
APW08	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 04/02/25	20	0	CI around geomean	0.952	6.90	Background	No Exceedance
APW08	UA	E009	Selenium, total	mg/L	12/15/15 - 04/02/25	20	95	CI around median	0.001	0.05	Standard	No Exceedance
APW08	UA	E009	Sulfate, total	mg/L	12/15/15 - 04/02/25	32	0	CB around linear reg	50.2	400	Standard	No Exceedance
APW08	UA	E009	Thallium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW08	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 04/02/25	30	0	CB around linear reg	614	1,200	Standard	No Exceedance
APW09	UA	E009	Antimony, total	mg/L	12/15/15 - 04/02/25	19	95	CB around T-S line	0.000591	0.006	Standard	No Exceedance
APW09	UA	E009	Arsenic, total	mg/L	12/15/15 - 04/02/25	20	0	CB around linear reg	0.0259	0.0590	Background	No Exceedance
APW09	UA	E009	Barium, total	mg/L	12/15/15 - 04/02/25	20	0	CB around linear reg	0.401	2.0	Standard	No Exceedance
APW09	UA	E009	Beryllium, total	mg/L	12/15/15 - 04/02/25	19	95	Most recent sample	0.001	0.004	Standard	No Exceedance
APW09	UA	E009	Boron, total	mg/L	12/15/15 - 04/02/25	30	0	CB around linear reg	0.1	2	Standard	No Exceedance
APW09	UA	E009	Cadmium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW09	UA	E009	Chloride, total	mg/L	12/15/15 - 04/02/25	32	0	CB around T-S line	129	200	Standard	No Exceedance
APW09	UA	E009	Chromium, total	mg/L	12/15/15 - 04/02/25	20	60	CI around median	0.0018	0.1	Standard	No Exceedance
APW09	UA	E009	Cobalt, total	mg/L	12/15/15 - 04/02/25	19	84	CI around median	0.001	0.006	Standard	No Exceedance
APW09	UA	E009	Fluoride, total	mg/L	12/15/15 - 04/02/25	31	13	CB around linear reg	0.248	4.0	Standard	No Exceedance
APW09	UA	E009	Lead, total	mg/L	12/15/15 - 04/02/25	20	55	CI around median	0.001	0.0075	Standard	No Exceedance
APW09	UA	E009	Lithium, total	mg/L	12/15/15 - 04/02/25	20	60	CI around median	0.0088	0.04	Standard	No Exceedance
APW09	UA	E009	Mercury, total	mg/L	12/15/15 - 04/02/25	20	90	CI around median	0.0002	0.002	Standard	No Exceedance
APW09	UA	E009	Molybdenum, total	mg/L	12/15/15 - 04/02/25	19	0	CB around linear reg	-0.00154	0.1	Standard	No Exceedance
APW09	UA	E009	pH (field)	SU	12/15/15 - 04/02/25	32	0	CI around median	7.4/7.5	6.4/9.0	Background/Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
APW09	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 04/02/25	20	0	CI around geomean	1.01	6.90	Background	No Exceedance
APW09	UA	E009	Selenium, total	mg/L	12/15/15 - 04/02/25	20	95	CI around median	0.001	0.05	Standard	No Exceedance
APW09	UA	E009	Sulfate, total	mg/L	12/15/15 - 04/02/25	32	12	CI around geomean	5.97	400	Standard	No Exceedance
APW09	UA	E009	Thallium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW09	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 04/02/25	31	0	CB around T-S line	797	1,200	Standard	No Exceedance
APW10	UA	E009	Antimony, total	mg/L	12/16/15 - 04/02/25	21	95	CB around T-S line	0.000586	0.006	Standard	No Exceedance
APW10	UA	E009	Arsenic, total	mg/L	12/16/15 - 04/02/25	22	4	CI around mean	0.00652	0.0590	Background	No Exceedance
APW10	UA	E009	Barium, total	mg/L	12/16/15 - 04/02/25	22	0	CI around mean	0.0288	2.0	Standard	No Exceedance
APW10	UA	E009	Beryllium, total	mg/L	12/16/15 - 04/02/25	21	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW10	UA	E009	Boron, total	mg/L	12/16/15 - 04/02/25	32	0	CI around median	0.0702	2	Standard	No Exceedance
APW10	UA	E009	Cadmium, total	mg/L	12/16/15 - 04/02/25	21	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW10	UA	E009	Chloride, total	mg/L	12/16/15 - 04/02/25	33	0	CB around linear reg	40.7	200	Standard	No Exceedance
APW10	UA	E009	Chromium, total	mg/L	12/16/15 - 04/02/25	22	82	CB around T-S line	0.00171	0.1	Standard	No Exceedance
APW10	UA	E009	Cobalt, total	mg/L	12/16/15 - 04/02/25	21	90	CB around T-S line	0.000797	0.006	Standard	No Exceedance
APW10	UA	E009	Fluoride, total	mg/L	12/16/15 - 04/02/25	32	25	CI around mean	0.263	4.0	Standard	No Exceedance
APW10	UA	E009	Lead, total	mg/L	12/16/15 - 04/02/25	22	86	CI around median	0.001	0.0075	Standard	No Exceedance
APW10	UA	E009	Lithium, total	mg/L	12/16/15 - 04/02/25	22	4	CI around mean	0.0202	0.04	Standard	No Exceedance
APW10	UA	E009	Mercury, total	mg/L	12/16/15 - 04/02/25	22	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW10	UA	E009	Molybdenum, total	mg/L	12/16/15 - 04/02/25	21	5	CB around T-S line	0.00431	0.1	Standard	No Exceedance
APW10	UA	E009	pH (field)	SU	12/16/15 - 04/02/25	35	0	CI around mean	7.1/7.2	6.4/9.0	Background/Standard	No Exceedance
APW10	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/16/15 - 04/02/25	22	0	CI around geomean	0.4	6.90	Background	No Exceedance
APW10	UA	E009	Selenium, total	mg/L	12/16/15 - 04/02/25	22	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW10	UA	E009	Sulfate, total	mg/L	12/16/15 - 04/02/25	34	0	CI around median	410	400	Standard	Exceedance
APW10	UA	E009	Thallium, total	mg/L	12/16/15 - 04/02/25	21	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW10	UA	E009	Total Dissolved Solids	mg/L	12/16/15 - 04/02/25	34	0	CB around T-S line	1,040	1,200	Standard	No Exceedance
APW11	UA	E009	Antimony, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW11	UA	E009	Arsenic, total	mg/L	02/18/21 - 04/02/25	18	0	CI around mean	0.0027	0.0590	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
APW11	UA	E009	Barium, total	mg/L	02/18/21 - 04/02/25	18	0	CB around T-S line	-0.122	2.0	Standard	No Exceedance
APW11	UA	E009	Beryllium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW11	UA	E009	Boron, total	mg/L	02/18/21 - 04/02/25	18	0	CI around median	0.063	2	Standard	No Exceedance
APW11	UA	E009	Cadmium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW11	UA	E009	Chloride, total	mg/L	02/18/21 - 04/02/25	18	0	CB around T-S line	16.2	200	Standard	No Exceedance
APW11	UA	E009	Chromium, total	mg/L	02/18/21 - 04/02/25	18	67	CB around T-S line	-0.00252	0.1	Standard	No Exceedance
APW11	UA	E009	Cobalt, total	mg/L	02/18/21 - 04/02/25	18	72	CB around T-S line	0.000294	0.006	Standard	No Exceedance
APW11	UA	E009	Fluoride, total	mg/L	02/18/21 - 04/02/25	18	44	CB around T-S line	0.309	4.0	Standard	No Exceedance
APW11	UA	E009	Lead, total	mg/L	02/18/21 - 04/02/25	18	61	CI around median	0.001	0.0075	Standard	No Exceedance
APW11	UA	E009	Lithium, total	mg/L	02/18/21 - 04/02/25	18	6	CI around mean	0.02	0.04	Standard	No Exceedance
APW11	UA	E009	Mercury, total	mg/L	02/18/21 - 04/02/25	18	83	CI around median	0.0002	0.002	Standard	No Exceedance
APW11	UA	E009	Molybdenum, total	mg/L	02/18/21 - 04/02/25	17	0	CB around T-S line	-0.00687	0.1	Standard	No Exceedance
APW11	UA	E009	pH (field)	SU	02/18/21 - 04/02/25	18	0	CI around median	7.0/7.2	6.4/9.0	Background/Standard	No Exceedance
APW11	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 04/02/25	17	0	CI around geomean	0.659	6.90	Background	No Exceedance
APW11	UA	E009	Selenium, total	mg/L	02/18/21 - 04/02/25	18	83	CI around median	0.001	0.05	Standard	No Exceedance
APW11	UA	E009	Sulfate, total	mg/L	02/18/21 - 04/02/25	18	0	CI around median	270	400	Standard	No Exceedance
APW11	UA	E009	Thallium, total	mg/L	02/18/21 - 04/02/25	18	94	CB around T-S line	0.001	0.002	Standard	No Exceedance
APW11	UA	E009	Total Dissolved Solids	mg/L	02/18/21 - 04/02/25	18	0	CI around mean	812	1,200	Standard	No Exceedance
APW12	UD	E009	Antimony, total	mg/L	02/17/21 - 04/02/25	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW12	UD	E009	Arsenic, total	mg/L	02/17/21 - 04/02/25	18	44	CB around linear reg	0.000422	0.0590	Background	No Exceedance
APW12	UD	E009	Barium, total	mg/L	02/17/21 - 04/02/25	18	0	CB around linear reg	0.0232	2.0	Standard	No Exceedance
APW12	UD	E009	Beryllium, total	mg/L	02/17/21 - 04/02/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW12	UD	E009	Boron, total	mg/L	02/17/21 - 04/02/25	18	0	CB around linear reg	0.794	2	Standard	No Exceedance
APW12	UD	E009	Cadmium, total	mg/L	02/17/21 - 04/02/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW12	UD	E009	Chloride, total	mg/L	02/17/21 - 04/02/25	18	0	CI around mean	23.9	200	Standard	No Exceedance
APW12	UD	E009	Chromium, total	mg/L	02/17/21 - 04/02/25	18	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
APW12	UD	E009	Cobalt, total	mg/L	02/17/21 - 04/02/25	18	28	CB around linear reg	-0.00153	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
APW12	UD	E009	Fluoride, total	mg/L	02/17/21 - 04/02/25	18	72	CI around median	0.22	4.0	Standard	No Exceedance
APW12	UD	E009	Lead, total	mg/L	02/17/21 - 04/02/25	18	94	CI around median	0.001	0.0075	Standard	No Exceedance
APW12	UD	E009	Lithium, total	mg/L	02/17/21 - 04/02/25	18	0	CI around geomean	0.0279	0.04	Standard	No Exceedance
APW12	UD	E009	Mercury, total	mg/L	02/17/21 - 04/02/25	18	94	CI around median	0.0002	0.002	Standard	No Exceedance
APW12	UD	E009	Molybdenum, total	mg/L	02/17/21 - 04/02/25	17	65	CI around median	0.001	0.1	Standard	No Exceedance
APW12	UD	E009	pH (field)	SU	02/17/21 - 04/02/25	18	0	CI around median	6.3/6.5	6.4/9.0	Background/Standard	No Exceedance
APW12	UD	E009	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 04/02/25	17	0	CI around mean	0.335	6.90	Background	No Exceedance
APW12	UD	E009	Selenium, total	mg/L	02/17/21 - 04/02/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW12	UD	E009	Sulfate, total	mg/L	02/17/21 - 04/02/25	18	0	CB around T-S line	639	400	Standard	Exceedance
APW12	UD	E009	Thallium, total	mg/L	02/17/21 - 04/02/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW12	UD	E009	Total Dissolved Solids	mg/L	02/17/21 - 04/02/25	18	0	CB around linear reg	1,760	1,200	Standard	Exceedance
APW13	UA	E009	Antimony, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW13	UA	E009	Arsenic, total	mg/L	02/22/21 - 04/02/25	18	0	CI around mean	0.00389	0.0590	Background	No Exceedance
APW13	UA	E009	Barium, total	mg/L	02/22/21 - 04/02/25	18	0	CI around median	0.051	2.0	Standard	No Exceedance
APW13	UA	E009	Beryllium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW13	UA	E009	Boron, total	mg/L	02/22/21 - 04/02/25	18	0	CI around mean	0.11	2	Standard	No Exceedance
APW13	UA	E009	Cadmium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW13	UA	E009	Chloride, total	mg/L	02/22/21 - 04/02/25	18	0	CI around geomean	48.8	200	Standard	No Exceedance
APW13	UA	E009	Chromium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
APW13	UA	E009	Cobalt, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW13	UA	E009	Fluoride, total	mg/L	02/22/21 - 04/02/25	18	22	CI around mean	0.363	4.0	Standard	No Exceedance
APW13	UA	E009	Lead, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
APW13	UA	E009	Lithium, total	mg/L	02/22/21 - 04/02/25	18	0	CI around mean	0.0264	0.04	Standard	No Exceedance
APW13	UA	E009	Mercury, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW13	UA	E009	Molybdenum, total	mg/L	02/22/21 - 04/02/25	17	0	CB around linear reg	0.00314	0.1	Standard	No Exceedance
APW13	UA	E009	pH (field)	SU	02/22/21 - 04/02/25	18	0	CI around mean	7.0/7.3	6.4/9.0	Background/Standard	No Exceedance
APW13	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 04/02/25	17	0	CI around mean	0.391	6.90	Background	No Exceedance

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EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
APW13	UA	E009	Selenium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW13	UA	E009	Sulfate, total	mg/L	02/22/21 - 04/02/25	18	0	CB around linear reg	253	400	Standard	No Exceedance
APW13	UA	E009	Thallium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW13	UA	E009	Total Dissolved Solids	mg/L	02/22/21 - 04/02/25	18	0	CB around linear reg	888	1,200	Standard	No Exceedance
APW14	UA	E009	Antimony, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW14	UA	E009	Arsenic, total	mg/L	02/22/21 - 04/02/25	18	6	CI around mean	0.00541	0.0590	Background	No Exceedance
APW14	UA	E009	Barium, total	mg/L	02/22/21 - 04/02/25	18	6	CB around linear reg	0.0173	2.0	Standard	No Exceedance
APW14	UA	E009	Beryllium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW14	UA	E009	Boron, total	mg/L	02/22/21 - 04/02/25	18	6	CI around median	0.0888	2	Standard	No Exceedance
APW14	UA	E009	Cadmium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW14	UA	E009	Chloride, total	mg/L	02/22/21 - 04/02/25	18	0	CB around linear reg	32.4	200	Standard	No Exceedance
APW14	UA	E009	Chromium, total	mg/L	02/22/21 - 04/02/25	18	89	CB around T-S line	-0.000118	0.1	Standard	No Exceedance
APW14	UA	E009	Cobalt, total	mg/L	02/22/21 - 04/02/25	18	94	CB around T-S line	0.000443	0.006	Standard	No Exceedance
APW14	UA	E009	Fluoride, total	mg/L	02/22/21 - 04/02/25	18	33	CI around mean	0.29	4.0	Standard	No Exceedance
APW14	UA	E009	Lead, total	mg/L	02/22/21 - 04/02/25	18	83	CI around median	0.001	0.0075	Standard	No Exceedance
APW14	UA	E009	Lithium, total	mg/L	02/22/21 - 04/02/25	18	17	CB around linear reg	0.00462	0.04	Standard	No Exceedance
APW14	UA	E009	Mercury, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW14	UA	E009	Molybdenum, total	mg/L	02/22/21 - 04/02/25	17	6	CB around linear reg	0.000232	0.1	Standard	No Exceedance
APW14	UA	E009	pH (field)	SU	02/22/21 - 04/02/25	18	0	CB around T-S line	6.9/7.1	6.4/9.0	Background/Standard	No Exceedance
APW14	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 04/02/25	17	0	CI around mean	0.507	6.90	Background	No Exceedance
APW14	UA	E009	Selenium, total	mg/L	02/22/21 - 04/02/25	18	94	Most recent sample	0.001	0.05	Standard	No Exceedance
APW14	UA	E009	Sulfate, total	mg/L	02/22/21 - 04/02/25	18	0	CB around linear reg	361	400	Standard	No Exceedance
APW14	UA	E009	Thallium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW14	UA	E009	Total Dissolved Solids	mg/L	02/22/21 - 04/02/25	18	0	CI around mean	931	1,200	Standard	No Exceedance
APW15	UA	E009	Antimony, total	mg/L	02/23/21 - 04/02/25	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW15	UA	E009	Arsenic, total	mg/L	02/23/21 - 04/02/25	18	0	CB around linear reg	0.0269	0.0590	Background	No Exceedance
APW15	UA	E009	Barium, total	mg/L	02/23/21 - 04/02/25	18	0	CI around mean	0.563	2.0	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
APW15	UA	E009	Beryllium, total	mg/L	02/23/21 - 04/02/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW15	UA	E009	Boron, total	mg/L	02/23/21 - 04/02/25	18	0	CI around mean	0.126	2	Standard	No Exceedance
APW15	UA	E009	Cadmium, total	mg/L	02/23/21 - 04/02/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW15	UA	E009	Chloride, total	mg/L	02/23/21 - 04/02/25	18	0	CI around median	230	200	Standard	Exceedance
APW15	UA	E009	Chromium, total	mg/L	02/23/21 - 04/02/25	18	44	CI around geomean	0.00278	0.1	Standard	No Exceedance
APW15	UA	E009	Cobalt, total	mg/L	02/23/21 - 04/02/25	18	50	CB around linear reg	0.00105	0.006	Standard	No Exceedance
APW15	UA	E009	Fluoride, total	mg/L	02/23/21 - 04/02/25	18	17	CI around median	0.48	4.0	Standard	No Exceedance
APW15	UA	E009	Lead, total	mg/L	02/23/21 - 04/02/25	18	33	CI around median	0.001	0.0075	Standard	No Exceedance
APW15	UA	E009	Lithium, total	mg/L	02/23/21 - 04/02/25	18	44	CB around linear reg	0.00126	0.04	Standard	No Exceedance
APW15	UA	E009	Mercury, total	mg/L	02/23/21 - 04/02/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW15	UA	E009	Molybdenum, total	mg/L	02/23/21 - 04/02/25	17	0	CB around linear reg	0.0007	0.1	Standard	No Exceedance
APW15	UA	E009	pH (field)	SU	02/23/21 - 04/02/25	18	0	CI around mean	7.0/7.2	6.4/9.0	Background/Standard	No Exceedance
APW15	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 04/02/25	17	0	CI around mean	1.83	6.90	Background	No Exceedance
APW15	UA	E009	Selenium, total	mg/L	02/23/21 - 04/02/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW15	UA	E009	Sulfate, total	mg/L	02/23/21 - 04/02/25	18	72	CB around T-S line	1	400	Standard	No Exceedance
APW15	UA	E009	Thallium, total	mg/L	02/23/21 - 04/02/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW15	UA	E009	Total Dissolved Solids	mg/L	02/23/21 - 04/02/25	18	0	CI around median	1,000	1,200	Standard	No Exceedance
APW16	UA	E009	Antimony, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW16	UA	E009	Arsenic, total	mg/L	02/23/21 - 04/01/25	18	0	CB around linear reg	0.0233	0.0590	Background	No Exceedance
APW16	UA	E009	Barium, total	mg/L	02/23/21 - 04/01/25	18	0	CI around mean	0.552	2.0	Standard	No Exceedance
APW16	UA	E009	Beryllium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW16	UA	E009	Boron, total	mg/L	02/23/21 - 04/01/25	18	0	CI around mean	0.129	2	Standard	No Exceedance
APW16	UA	E009	Cadmium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW16	UA	E009	Chloride, total	mg/L	02/23/21 - 04/01/25	18	0	CI around mean	66.3	200	Standard	No Exceedance
APW16	UA	E009	Chromium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
APW16	UA	E009	Cobalt, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW16	UA	E009	Fluoride, total	mg/L	02/23/21 - 04/01/25	18	0	CI around mean	0.668	4.0	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
APW16	UA	E009	Lead, total	mg/L	02/23/21 - 04/01/25	18	94	Most recent sample	0.001	0.0075	Standard	No Exceedance
APW16	UA	E009	Lithium, total	mg/L	02/23/21 - 04/01/25	18	78	CB around T-S line	-0.00541	0.04	Standard	No Exceedance
APW16	UA	E009	Mercury, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW16	UA	E009	Molybdenum, total	mg/L	02/23/21 - 04/01/25	17	71	CI around median	0.001	0.1	Standard	No Exceedance
APW16	UA	E009	pH (field)	SU	02/23/21 - 04/01/25	18	0	CI around mean	7.3/7.5	6.4/9.0	Background/Standard	No Exceedance
APW16	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 04/01/25	17	0	CI around geomean	1.58	6.90	Background	No Exceedance
APW16	UA	E009	Selenium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW16	UA	E009	Sulfate, total	mg/L	02/23/21 - 04/01/25	18	78	CB around T-S line	1	400	Standard	No Exceedance
APW16	UA	E009	Thallium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW16	UA	E009	Total Dissolved Solids	mg/L	02/23/21 - 04/01/25	18	0	CI around median	720	1,200	Standard	No Exceedance
APW17	UA	E009	Antimony, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW17	UA	E009	Arsenic, total	mg/L	02/23/21 - 04/01/25	18	0	CB around linear reg	0.019	0.0590	Background	No Exceedance
APW17	UA	E009	Barium, total	mg/L	02/23/21 - 04/01/25	18	0	CI around mean	0.557	2.0	Standard	No Exceedance
APW17	UA	E009	Beryllium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW17	UA	E009	Boron, total	mg/L	02/23/21 - 04/01/25	18	0	CI around geomean	0.0815	2	Standard	No Exceedance
APW17	UA	E009	Cadmium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW17	UA	E009	Chloride, total	mg/L	02/23/21 - 04/01/25	18	0	CI around median	52.2	200	Standard	No Exceedance
APW17	UA	E009	Chromium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
APW17	UA	E009	Cobalt, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW17	UA	E009	Fluoride, total	mg/L	02/23/21 - 04/01/25	18	11	CI around mean	0.415	4.0	Standard	No Exceedance
APW17	UA	E009	Lead, total	mg/L	02/23/21 - 04/01/25	18	94	CI around median	0.001	0.0075	Standard	No Exceedance
APW17	UA	E009	Lithium, total	mg/L	02/23/21 - 04/01/25	18	89	CB around T-S line	-0.00544	0.04	Standard	No Exceedance
APW17	UA	E009	Mercury, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW17	UA	E009	Molybdenum, total	mg/L	02/23/21 - 04/01/25	17	0	CI around median	0.0048	0.1	Standard	No Exceedance
APW17	UA	E009	pH (field)	SU	02/23/21 - 04/01/25	18	0	CI around mean	7.2/7.5	6.4/9.0	Background/Standard	No Exceedance
APW17	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 04/01/25	17	0	CI around mean	1.24	6.90	Background	No Exceedance
APW17	UA	E009	Selenium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
APW17	UA	E009	Sulfate, total	mg/L	02/23/21 - 04/01/25	18	6	CB around T-S line	64.6	400	Standard	No Exceedance
APW17	UA	E009	Thallium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW17	UA	E009	Total Dissolved Solids	mg/L	02/23/21 - 04/01/25	18	0	CB around linear reg	674	1,200	Standard	No Exceedance
APW18	UA	E009	Antimony, total	mg/L	02/23/21 - 04/01/25	18	94	CB around T-S line	-0.0000292	0.006	Standard	No Exceedance
APW18	UA	E009	Arsenic, total	mg/L	02/23/21 - 04/01/25	18	6	CI around mean	0.00178	0.0590	Background	No Exceedance
APW18	UA	E009	Barium, total	mg/L	02/23/21 - 04/01/25	18	0	CI around median	0.34	2.0	Standard	No Exceedance
APW18	UA	E009	Beryllium, total	mg/L	02/23/21 - 04/01/25	18	94	CI around median	0.001	0.004	Standard	No Exceedance
APW18	UA	E009	Boron, total	mg/L	02/23/21 - 04/01/25	18	0	CI around geomean	0.108	2	Standard	No Exceedance
APW18	UA	E009	Cadmium, total	mg/L	02/23/21 - 04/01/25	18	94	CI around median	0.001	0.005	Standard	No Exceedance
APW18	UA	E009	Chloride, total	mg/L	02/23/21 - 04/01/25	18	0	CB around T-S line	-26.5	200	Standard	No Exceedance
APW18	UA	E009	Chromium, total	mg/L	02/23/21 - 04/01/25	18	78	CB around T-S line	-0.00315	0.1	Standard	No Exceedance
APW18	UA	E009	Cobalt, total	mg/L	02/23/21 - 04/01/25	18	83	CB around T-S line	-0.000449	0.006	Standard	No Exceedance
APW18	UA	E009	Fluoride, total	mg/L	02/23/21 - 04/01/25	18	6	CB around linear reg	-2.84	4.0	Standard	No Exceedance
APW18	UA	E009	Lead, total	mg/L	02/23/21 - 04/01/25	18	67	CB around T-S line	-0.00549	0.0075	Standard	No Exceedance
APW18	UA	E009	Lithium, total	mg/L	02/23/21 - 04/01/25	18	56	CB around T-S line	0.000549	0.04	Standard	No Exceedance
APW18	UA	E009	Mercury, total	mg/L	02/23/21 - 04/01/25	18	94	CI around median	0.0002	0.002	Standard	No Exceedance
APW18	UA	E009	Molybdenum, total	mg/L	02/23/21 - 04/01/25	17	0	CB around T-S line	-0.0295	0.1	Standard	No Exceedance
APW18	UA	E009	pH (field)	SU	02/23/21 - 04/01/25	18	0	CI around mean	7.5/7.8	6.4/9.0	Background/Standard	No Exceedance
APW18	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 04/01/25	17	0	CI around mean	1.39	6.90	Background	No Exceedance
APW18	UA	E009	Selenium, total	mg/L	02/23/21 - 04/01/25	18	94	CI around median	0.001	0.05	Standard	No Exceedance
APW18	UA	E009	Sulfate, total	mg/L	02/23/21 - 04/01/25	18	11	CI around median	4.8	400	Standard	No Exceedance
APW18	UA	E009	Thallium, total	mg/L	02/23/21 - 04/01/25	18	89	CB around T-S line	0.001	0.002	Standard	No Exceedance
APW18	UA	E009	Total Dissolved Solids	mg/L	02/23/21 - 04/01/25	18	0	CI around median	535	1,200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Notes:

Compliance Result:

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

Exceedance: The statistical result exceeded the GWPS.

Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) on October 25, 2021 as part of Illinois Power Generating Company’s (IPGC’s) operating permit application for the Primary Ash Pond. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and, therefore, IPGC has not identified any actual exceedances.

Events:

E009 = Quarter 2, 2025 sampling event

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

UD = Upper Drift

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

SU = standard units

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

Statistical Calculation = method used to calculate the statistical result:

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

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

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

CB around linear reg = Confidence band around linear regression

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

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

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

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.

NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.

NS³ = The location was not accessible; therefore, a sample was not collected.

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

NS⁵ = The location was damaged; therefore, a sample was not collected.

NS⁶ = Sampling pump could not yield a sample.

NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.

NS⁸ = A sample was not collected.

PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.

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

GWPS Source:

Background = background concentration

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

FIGURES



- COMPLIANCE WELL
- BACKGROUND WELL
- STAFF GAUGE
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE
- PROPERTY BOUNDARY

0 500 1,000 Feet

MONITORING WELL LOCATION MAP

35 I.A.C. § 845.610(b)(3)(D)
GROUNDWATER MONITORING DATA
AND DETECTED EXCEEDANCES
QUARTER 2, 2025

PRIMARY ASH POND
NEWTON POWER PLANT
NEWTON, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



ATTACHMENTS

**ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 2, 2025**

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
APW02	Compliance	04/01/2025	3.70	529.86
APW03	Compliance	04/01/2025	5.39	527.06
APW04	Compliance	04/01/2025	4.45	520.80
APW05	Background	04/01/2025	14.38	529.97
APW05S	Compliance	04/01/2025	10.31	534.21
APW06	Background	04/01/2025	19.57	526.86
APW07	Compliance	04/01/2025	46.67	491.74
APW08	Compliance	04/01/2025	37.50	491.84
APW09	Compliance	04/01/2025	26.26	505.63
APW10	Compliance	04/01/2025	17.63	507.00
APW11	Compliance	04/01/2025	24.33	514.86
APW12	Compliance	04/01/2025	14.29	532.65
APW13	Compliance	04/01/2025	32.32	506.16
APW14	Compliance	04/01/2025	20.81	506.10
APW15	Compliance	04/01/2025	21.35	503.98
APW16	Compliance	04/01/2025	40.09	491.79
APW17	Compliance	04/01/2025	41.17	491.75
APW18	Compliance	04/01/2025	51.71	491.97
XSG01	Water Level	04/01/2025	11.18	529.21
SG02	Water Level	04/01/2025	1.79	504.22

Notes:
BMP = below measuring point
Depth to Groundwater/Groundwater Elevation Code (if applicable):
DM¹ = Depth to water was not measured.
DM² = Depth to water was not measured because water was above or below the staff gage markings.
DM³ = Depth to water was not measured because the location was inaccessible.
DM⁴ = Depth to water was not measured because water level was below the top of the pump.
DM⁵ = Depth to water was not measured because water level was above the top of casing (artesian well).
DM⁶ = Depth to water was not measured because of damage to the well.
DM⁷ = Depth to water was not measured due to required pressure transducer maintenance.
DM⁸ = Lab provided groundwater elevation data and not depth to water.
NAVD88 = North American Vertical Datum of 1988

**ATTACHMENT B
LABORATORY REPORTS AND FIELD DATA SHEETS
QUARTER 2, 2025**

May 09, 2025

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



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

RE: NEW-25Q2

WorkOrder: 25031355

Dear Eric Bauer:

TEKLAB, INC received 25 samples for NEW_845_501 on 4/8/2025 3:20:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



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



Report Contents

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	32
Quality Control Results	33
Receiving Check List	141
Chain of Custody	Appended

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

Abbr Definition

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)



Definitions

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

Qualifiers

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



Case Narrative

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

Cooler Receipt Temp: 5.1 °C

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

Equipment Blank 3 was not required. Depth-only dates/times of measurement per SAR3 and SAR4 files. EAH 4/9/25

Per Eric Bauer's request, only NEW_845_501 data is included in this report. EAH 5/9/25

Locations

Collinsville

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Collinsville, IL 62234-7425
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Email jhriley@teklabinc.com

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Accreditations

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2026	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2026	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2025	Collinsville
Arkansas	ADEQ	88-0966		3/14/2026	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	KWLCP	KY98050		12/31/2025	Collinsville
Kentucky	KWLCP	KY98006		12/31/2025	Collinsville
Kentucky	UST	0073		1/31/2026	Collinsville
Mississippi	MSDH			4/30/2026	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-004
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: APW02
Collection Date: 04/01/2025 11:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		3.89	ft	1	04/01/2025 11:14	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		35	NTU	1	04/01/2025 11:14	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		229	mV	1	04/01/2025 11:14	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		9800	µS/cm	1	04/01/2025 11:14	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		10.9	°C	1	04/01/2025 11:14	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.69	mg/L	1	04/01/2025 11:14	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		6.73		1	04/01/2025 11:14	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		474	mg/L	1	04/04/2025 13:32	R362860
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/04/2025 13:32	R362860
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	40	50	H	4770	mg/L	2.5	04/08/2025 14:16	R363000
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	04/05/2025 1:48	R362911
Chloride	NELAP	1.00	5.00		85.0	mg/L	10	04/05/2025 1:48	R362911
Sulfate	NELAP	0.99	10.0		3050	mg/L	10	04/05/2025 1:48	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	S	448	mg/L	1	04/07/2025 20:04	237070
Magnesium	NELAP	0.006	0.050	S	408	mg/L	1	04/09/2025 16:43	237300
Potassium	NELAP	0.040	0.100		6.02	mg/L	1	04/07/2025 20:04	237070
Sodium	NELAP	0.018	0.050	S	431	mg/L	1	04/07/2025 20:04	237070
Matrix spike control limits for are not applicable due to high sample/spike ratio.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 2:08	237070
Arsenic	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 2:08	237070
Barium	NELAP	0.7	1.0		8.3	µg/L	5	04/15/2025 8:21	237515
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 2:08	237070
Boron	NELAP	9.2	25.0		77.9	µg/L	5	04/08/2025 2:08	237070
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 2:08	237070
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	04/08/2025 2:08	237070
Cobalt	NELAP	0.1	1.0		< 1.0	µg/L	5	04/08/2025 2:08	237070
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 2:08	237070
Lithium	*	1.4	3.0		84.2	µg/L	5	04/08/2025 2:08	237070
Molybdenum	NELAP	0.6	1.5	J	0.8	µg/L	5	04/08/2025 2:08	237070
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 2:08	237070
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 2:08	237070
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/04/2025 14:22	237062



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-005
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: APW03
Collection Date: 04/02/2025 9:59

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.76	ft	1	04/02/2025 9:59	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		8.8	NTU	1	04/02/2025 9:59	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		104	mV	1	04/02/2025 9:59	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1940	µS/cm	1	04/02/2025 9:59	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.4	°C	1	04/02/2025 9:59	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.03	mg/L	1	04/02/2025 9:59	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		6.71		1	04/02/2025 9:59	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		419	mg/L	1	04/04/2025 13:40	R362860
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/04/2025 13:40	R362860
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		616	mg/L	1	04/04/2025 8:53	R362856
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.15	mg/L	10	04/05/2025 1:59	R362911
Chloride	NELAP	1.00	5.00		8.34	mg/L	10	04/05/2025 1:59	R362911
Sulfate	NELAP	0.99	10.0		108	mg/L	10	04/05/2025 1:59	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		91.1	mg/L	1	04/07/2025 20:09	237070
Magnesium	NELAP	0.006	0.050		53.7	mg/L	1	04/09/2025 16:48	237070
Potassium	NELAP	0.040	0.100		0.356	mg/L	1	04/07/2025 20:09	237070
Sodium	NELAP	0.018	0.050		60.5	mg/L	1	04/07/2025 20:09	237070
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 2:02	237070
Arsenic	NELAP	0.4	1.0	J	0.4	µg/L	5	04/08/2025 2:02	237070
Barium	NELAP	0.7	1.0		119	µg/L	5	04/08/2025 2:02	237070
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 2:02	237070
Boron	NELAP	9.2	25.0		465	µg/L	5	04/08/2025 2:02	237070
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 2:02	237070
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	04/08/2025 2:02	237070
Cobalt	NELAP	0.1	1.0	J	0.2	µg/L	5	04/08/2025 2:02	237070
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 2:02	237070
Lithium	*	1.4	3.0		11.7	µg/L	5	04/08/2025 2:02	237070
Molybdenum	NELAP	0.6	1.5		< 1.5	µg/L	5	04/08/2025 2:02	237070
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 2:02	237070
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 2:02	237070
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/04/2025 15:28	237062



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-006
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: APW04
Collection Date: 04/02/2025 9:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		4.39	ft	1	04/02/2025 9:27	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		29	NTU	1	04/02/2025 9:27	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		138	mV	1	04/02/2025 9:27	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		4440	µS/cm	1	04/02/2025 9:27	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.5	°C	1	04/02/2025 9:27	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.43	mg/L	1	04/02/2025 9:27	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		6.70		1	04/02/2025 9:27	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		508	mg/L	1	04/04/2025 13:47	R362860
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/04/2025 13:47	R362860
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1800	mg/L	1	04/04/2025 8:52	R362856
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.13	mg/L	10	04/05/2025 2:34	R362911
Chloride	NELAP	1.00	5.00		34.1	mg/L	10	04/05/2025 2:34	R362911
Sulfate	NELAP	0.99	10.0		850	mg/L	10	04/05/2025 2:34	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		203	mg/L	1	04/07/2025 20:11	237070
Magnesium	NELAP	0.006	0.050		167	mg/L	1	04/09/2025 16:49	237070
Potassium	NELAP	0.040	0.100		1.37	mg/L	1	04/07/2025 20:11	237070
Sodium	NELAP	0.018	0.050		82.0	mg/L	1	04/07/2025 20:11	237070
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 2:51	237070
Arsenic	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 2:51	237070
Barium	NELAP	0.7	1.0		14.9	µg/L	5	04/08/2025 2:51	237070
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 2:51	237070
Boron	NELAP	9.2	25	J	25	µg/L	5	04/08/2025 2:51	237070
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 2:51	237070
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	04/08/2025 2:51	237070
Cobalt	NELAP	0.1	1.0	J	0.1	µg/L	5	04/08/2025 2:51	237070
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 2:51	237070
Lithium	*	1.4	3.0		20.2	µg/L	5	04/08/2025 2:51	237070
Molybdenum	NELAP	0.6	1.5	J	0.7	µg/L	5	04/08/2025 2:51	237070
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 2:51	237070
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 2:51	237070
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/04/2025 15:31	237062



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-007
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: APW05
Collection Date: 04/01/2025 10:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		14.38	ft	1	04/01/2025 10:24	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.6	NTU	1	04/01/2025 10:24	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		242	mV	1	04/01/2025 10:24	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1930	µS/cm	1	04/01/2025 10:24	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		12.6	°C	1	04/01/2025 10:24	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		7.26	mg/L	1	04/01/2025 10:24	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		7.69		1	04/01/2025 10:24	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		448	mg/L	1	04/04/2025 13:54	R362860
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/04/2025 13:54	R362860
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		578	mg/L	1	04/04/2025 8:34	R362856
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.43	mg/L	10	04/05/2025 2:46	R362911
Chloride	NELAP	1.00	5.00		48.5	mg/L	10	04/05/2025 2:46	R362911
Sulfate	NELAP	0.99	10.0		14.6	mg/L	10	04/05/2025 2:46	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		49.3	mg/L	1	04/07/2025 20:12	237070
Magnesium	NELAP	0.006	0.050		29.2	mg/L	1	04/09/2025 16:51	237070
Potassium	NELAP	0.040	0.100		2.72	mg/L	1	04/07/2025 20:12	237070
Sodium	NELAP	0.018	0.050		128	mg/L	1	04/07/2025 20:12	237070
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0	J	0.5	µg/L	5	04/08/2025 2:57	237070
Arsenic	NELAP	0.4	1.0		6.3	µg/L	5	04/08/2025 2:57	237070
Barium	NELAP	0.7	1.0		276	µg/L	5	04/08/2025 2:57	237070
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 2:57	237070
Boron	NELAP	9.2	25.0		123	µg/L	5	04/08/2025 2:57	237070
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 2:57	237070
Chromium	NELAP	0.7	1.5		1.5	µg/L	5	04/08/2025 2:57	237070
Cobalt	NELAP	0.1	1.0	J	0.1	µg/L	5	04/08/2025 2:57	237070
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 2:57	237070
Lithium	*	1.4	3.0		11.2	µg/L	5	04/08/2025 2:57	237070
Molybdenum	NELAP	0.6	1.5		20.2	µg/L	5	04/08/2025 2:57	237070
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 2:57	237070
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 2:57	237070
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/04/2025 15:33	237062



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-008
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: APW05S
Collection Date: 04/01/2025 9:53

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		10.31	ft	1	04/01/2025 9:53	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		8.8	NTU	1	04/01/2025 9:53	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		256	mV	1	04/01/2025 9:53	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		8020	µS/cm	1	04/01/2025 9:53	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		11.3	°C	1	04/01/2025 9:53	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.71	mg/L	1	04/01/2025 9:53	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		6.69		1	04/01/2025 9:53	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		541	mg/L	1	04/04/2025 14:02	R362860
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/04/2025 14:02	R362860
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		3660	mg/L	1	04/04/2025 8:34	R362856
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.40	5.00		ND	mg/L	100	04/10/2025 20:36	R363116
Chloride	NELAP	10.0	50.0		176	mg/L	100	04/10/2025 20:36	R363116
Sulfate	NELAP	9.90	100		1900	mg/L	100	04/10/2025 20:36	R363116
<i>Elevated reporting limit due to high levels of target and/or non-target analytes.</i>									
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		393	mg/L	1	04/07/2025 20:22	237070
Magnesium	NELAP	0.006	0.050		318	mg/L	1	04/09/2025 16:52	237070
Potassium	NELAP	0.040	0.100		2.26	mg/L	1	04/07/2025 20:22	237070
Sodium	NELAP	0.018	0.050		271	mg/L	1	04/07/2025 20:22	237070
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 3:04	237070
Arsenic	NELAP	0.4	1.0	J	0.4	µg/L	5	04/08/2025 3:04	237070
Barium	NELAP	0.7	1.0		39.7	µg/L	5	04/08/2025 3:04	237070
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 3:04	237070
Boron	NELAP	9.2	25.0		51.3	µg/L	5	04/08/2025 3:04	237070
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 3:04	237070
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	04/08/2025 3:04	237070
Cobalt	NELAP	0.1	1.0	J	0.6	µg/L	5	04/08/2025 3:04	237070
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 3:04	237070
Lithium	*	1.4	3.0		45.5	µg/L	5	04/08/2025 3:04	237070
Molybdenum	NELAP	0.6	1.5	J	1.4	µg/L	5	04/08/2025 3:04	237070
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 3:04	237070
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 3:04	237070
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/04/2025 15:35	237062



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-009
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: APW06
Collection Date: 04/02/2025 11:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		18.84	ft	1	04/02/2025 11:30	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		12	NTU	1	04/02/2025 11:30	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		117	mV	1	04/02/2025 11:30	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1720	µS/cm	1	04/02/2025 11:30	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.4	°C	1	04/02/2025 11:30	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.17	mg/L	1	04/02/2025 11:30	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		7.51		1	04/02/2025 11:30	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		429	mg/L	1	04/04/2025 14:10	R362860
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/04/2025 14:10	R362860
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		508	mg/L	1	04/04/2025 8:52	R362856
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.50	mg/L	10	04/05/2025 3:09	R362911
Chloride	NELAP	1.00	5.00		23.3	mg/L	10	04/05/2025 3:09	R362911
Sulfate	NELAP	0.99	10	J	7.2	mg/L	10	04/05/2025 3:09	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	S	55.5	mg/L	1	04/07/2025 20:23	237070
Magnesium	NELAP	0.006	0.050		26.5	mg/L	1	04/09/2025 17:05	237070
Potassium	NELAP	0.040	0.100		1.61	mg/L	1	04/07/2025 20:23	237070
Sodium	NELAP	0.018	0.050	S	100	mg/L	1	04/07/2025 20:23	237070
<i>Matrix spike control limits for are not applicable due to high sample/spike ratio.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0	J	0.8	µg/L	5	04/08/2025 3:34	237070
Arsenic	NELAP	0.4	1.0		5.3	µg/L	5	04/08/2025 3:34	237070
Barium	NELAP	0.7	1.0		246	µg/L	5	04/08/2025 3:34	237070
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 3:34	237070
Boron	NELAP	9.2	25.0		81.8	µg/L	5	04/08/2025 3:34	237070
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 3:34	237070
Chromium	NELAP	0.7	1.5		1.9	µg/L	5	04/08/2025 3:34	237070
Cobalt	NELAP	0.1	1.0	J	0.5	µg/L	5	04/08/2025 3:34	237070
Lead	NELAP	0.6	1.0		1.8	µg/L	5	04/08/2025 3:34	237070
Lithium	*	1.4	3.0		10.2	µg/L	5	04/08/2025 3:34	237070
Molybdenum	NELAP	0.6	1.5		6.8	µg/L	5	04/08/2025 3:34	237070
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 3:34	237070
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 3:34	237070
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/04/2025 15:37	237062



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-010
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: APW07
Collection Date: 04/02/2025 10:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		46.14	ft	1	04/02/2025 10:54	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		310	NTU	1	04/02/2025 10:54	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		134	mV	1	04/02/2025 10:54	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2140	µS/cm	1	04/02/2025 10:54	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.8	°C	1	04/02/2025 10:54	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.96	mg/L	1	04/02/2025 10:54	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		7.18		1	04/02/2025 10:54	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		484	mg/L	1	04/04/2025 14:17	R362860
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/04/2025 14:17	R362860
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	20	25		630	mg/L	1.25	04/04/2025 8:26	R362856
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.37	mg/L	10	04/05/2025 3:56	R362911
Chloride	NELAP	1.00	5.00		64.1	mg/L	10	04/05/2025 3:56	R362911
Sulfate	NELAP	0.99	10.0		15.0	mg/L	10	04/05/2025 3:56	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.083	0.100		114	mg/L	1	04/08/2025 17:48	237068
Magnesium	NELAP	0.006	0.050		41.5	mg/L	1	04/08/2025 17:48	237068
Potassium	NELAP	0.400	1.00		2.92	mg/L	10	04/10/2025 12:21	237068
Sodium	NELAP	0.018	0.050		91.3	mg/L	1	04/08/2025 17:48	237068
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0	J	0.6	µg/L	5	04/08/2025 0:18	237068
Arsenic	NELAP	0.4	1.0		24.0	µg/L	5	04/08/2025 0:18	237068
Barium	NELAP	0.7	1.0		579	µg/L	5	04/08/2025 0:18	237068
Beryllium	NELAP	0.2	1.0	J	0.5	µg/L	5	04/08/2025 0:18	237068
Boron	NELAP	9.2	25.0		97.4	µg/L	5	04/08/2025 0:18	237068
Cadmium	NELAP	0.2	1.0	J	0.2	µg/L	5	04/08/2025 0:18	237068
Chromium	NELAP	0.7	1.5		21.9	µg/L	5	04/08/2025 0:18	237068
Cobalt	NELAP	0.1	1.0		6.2	µg/L	5	04/08/2025 0:18	237068
Lead	NELAP	0.6	1.0		9.3	µg/L	5	04/08/2025 0:18	237068
Lithium	*	1.4	3.0		10.2	µg/L	5	04/08/2025 10:24	237068
Molybdenum	NELAP	0.6	1.5		5.3	µg/L	5	04/08/2025 0:18	237068
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 0:18	237068
Thallium	NELAP	1.0	2.0	J	1.0	µg/L	5	04/08/2025 0:18	237068
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/04/2025 15:40	237062



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

Lab ID: 25031355-011

Client Sample ID: APW08

Matrix: GROUNDWATER

Collection Date: 04/02/2025 10:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		37.04	ft	1	04/02/2025 10:56	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		130	NTU	1	04/02/2025 10:56	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-144	mV	1	04/02/2025 10:56	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2370	µS/cm	1	04/02/2025 10:56	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.0	°C	1	04/02/2025 10:56	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.89	mg/L	1	04/02/2025 10:56	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		7.29		1	04/02/2025 10:56	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		491	mg/L	1	04/04/2025 14:25	R362860
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/04/2025 14:25	R362860
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		658	mg/L	1	04/04/2025 8:52	R362856
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.48	mg/L	10	04/05/2025 4:08	R362911
Chloride	NELAP	1.00	5.00		55.6	mg/L	10	04/05/2025 4:08	R362911
Sulfate	NELAP	0.99	10.0		49.3	mg/L	10	04/05/2025 4:08	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		99.9	mg/L	1	04/07/2025 20:28	237070
Magnesium	NELAP	0.006	0.050		42.1	mg/L	1	04/09/2025 16:54	237070
Potassium	NELAP	0.040	0.100		1.89	mg/L	1	04/07/2025 20:28	237070
Sodium	NELAP	0.018	0.050		79.9	mg/L	1	04/07/2025 20:28	237070
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 3:10	237070
Arsenic	NELAP	0.4	1.0		25.3	µg/L	5	04/08/2025 3:10	237070
Barium	NELAP	0.7	1.0		562	µg/L	5	04/08/2025 3:10	237070
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 3:10	237070
Boron	NELAP	9.2	25.0		93.9	µg/L	5	04/08/2025 3:10	237070
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 3:10	237070
Chromium	NELAP	0.7	1.5		3.4	µg/L	5	04/08/2025 3:10	237070
Cobalt	NELAP	0.1	1.0	J	0.6	µg/L	5	04/08/2025 3:10	237070
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 3:10	237070
Lithium	*	1.4	3.0		3.4	µg/L	5	04/08/2025 3:10	237070
Molybdenum	NELAP	0.6	1.5		4.2	µg/L	5	04/08/2025 3:10	237070
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 3:10	237070
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 3:10	237070
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/04/2025 15:42	237062



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-012
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: APW09
Collection Date: 04/02/2025 9:34

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		26.41	ft	1	04/02/2025 9:34	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		260	NTU	1	04/02/2025 9:34	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		128	mV	1	04/02/2025 9:34	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2920	µS/cm	1	04/02/2025 9:34	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.9	°C	1	04/02/2025 9:34	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.58	mg/L	1	04/02/2025 9:34	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		7.28		1	04/02/2025 9:34	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		600	mg/L	1	04/04/2025 14:33	R362860
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/04/2025 14:33	R362860
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	20	25		872	mg/L	1.25	04/04/2025 8:25	R362856
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.49	mg/L	10	04/05/2025 4:19	R362911
Chloride	NELAP	1.00	5.00		140	mg/L	10	04/05/2025 4:19	R362911
Sulfate	NELAP	0.99	10.0		12.8	mg/L	10	04/05/2025 4:19	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		78.5	mg/L	1	04/07/2025 20:30	237070
Magnesium	NELAP	0.006	0.050		39.1	mg/L	1	04/09/2025 16:56	237070
Potassium	NELAP	0.040	0.100		2.02	mg/L	1	04/07/2025 20:30	237070
Sodium	NELAP	0.018	0.050		182	mg/L	1	04/07/2025 20:30	237070
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 3:16	237070
Arsenic	NELAP	0.4	1.0		32.7	µg/L	5	04/08/2025 3:16	237070
Barium	NELAP	0.7	1.0		511	µg/L	5	04/08/2025 3:16	237070
Beryllium	NELAP	0.2	1.0	J	1.0	µg/L	5	04/08/2025 3:16	237070
Boron	NELAP	9.2	25.0		117	µg/L	5	04/08/2025 3:16	237070
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 3:16	237070
Chromium	NELAP	0.7	1.5		5.2	µg/L	5	04/08/2025 3:16	237070
Cobalt	NELAP	0.1	1.0		2.1	µg/L	5	04/08/2025 3:16	237070
Lead	NELAP	0.6	1.0		4.0	µg/L	5	04/08/2025 3:16	237070
Lithium	*	1.4	3.0		9.4	µg/L	5	04/08/2025 3:16	237070
Molybdenum	NELAP	0.6	1.5		7.1	µg/L	5	04/08/2025 3:16	237070
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 3:16	237070
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 3:16	237070
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/04/2025 15:44	237062



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-013
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: APW10
Collection Date: 04/02/2025 10:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		17.29	ft	1	04/02/2025 10:09	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		140	NTU	1	04/02/2025 10:09	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-46	mV	1	04/02/2025 10:09	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		3190	µS/cm	1	04/02/2025 10:09	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.4	°C	1	04/02/2025 10:09	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.58	mg/L	1	04/02/2025 10:09	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		7.16		1	04/02/2025 10:09	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		400	mg/L	1	04/04/2025 14:41	R362860
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/04/2025 14:41	R362860
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1100	mg/L	1	04/04/2025 8:34	R362856
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.30	mg/L	10	04/05/2025 4:31	R362911
Chloride	NELAP	1.00	5.00		44.7	mg/L	10	04/05/2025 4:31	R362911
Sulfate	NELAP	0.99	10.0		418	mg/L	10	04/05/2025 4:31	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		138	mg/L	1	04/07/2025 20:31	237070
Magnesium	NELAP	0.006	0.050		68.8	mg/L	1	04/09/2025 17:10	237070
Potassium	NELAP	0.040	0.100		1.62	mg/L	1	04/07/2025 20:31	237070
Sodium	NELAP	0.018	0.050		110	mg/L	1	04/07/2025 20:31	237070
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 3:22	237070
Arsenic	NELAP	0.4	1.0		9.0	µg/L	5	04/08/2025 3:22	237070
Barium	NELAP	0.7	1.0		28.1	µg/L	5	04/08/2025 3:22	237070
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 3:22	237070
Boron	NELAP	9.2	25.0		75.5	µg/L	5	04/08/2025 3:22	237070
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 3:22	237070
Chromium	NELAP	0.7	1.5	J	0.8	µg/L	5	04/08/2025 3:22	237070
Cobalt	NELAP	0.1	1.0	J	0.4	µg/L	5	04/08/2025 3:22	237070
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 3:22	237070
Lithium	*	1.4	3.0		20.5	µg/L	5	04/08/2025 3:22	237070
Molybdenum	NELAP	0.6	1.5		6.5	µg/L	5	04/08/2025 3:22	237070
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 3:22	237070
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 3:22	237070
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/04/2025 15:55	237062



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-014
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: APW11
Collection Date: 04/02/2025 11:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		24.21	ft	1	04/02/2025 11:43	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		140	NTU	1	04/02/2025 11:43	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-69	mV	1	04/02/2025 11:43	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2650	µS/cm	1	04/02/2025 11:43	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.6	°C	1	04/02/2025 11:43	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.77	mg/L	1	04/02/2025 11:43	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		7.05		1	04/02/2025 11:43	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		403	mg/L	1	04/04/2025 14:49	R362860
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/04/2025 14:49	R362860
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		876	mg/L	1	04/04/2025 8:52	R362856
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.30	mg/L	10	04/05/2025 4:42	R362911
Chloride	NELAP	1.00	5.00		24.5	mg/L	10	04/05/2025 4:42	R362911
Sulfate	NELAP	0.99	10.0		285	mg/L	10	04/05/2025 4:42	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		119	mg/L	1	04/07/2025 20:33	237070
Magnesium	NELAP	0.006	0.050		55.4	mg/L	1	04/09/2025 17:11	237070
Potassium	NELAP	0.040	0.100		1.49	mg/L	1	04/07/2025 20:33	237070
Sodium	NELAP	0.018	0.050		81.7	mg/L	1	04/07/2025 20:33	237070
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 3:28	237070
Arsenic	NELAP	0.4	1.0		4.2	µg/L	5	04/08/2025 3:28	237070
Barium	NELAP	0.7	1.0		40.0	µg/L	5	04/08/2025 3:28	237070
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 3:28	237070
Boron	NELAP	9.2	25.0		64.1	µg/L	5	04/08/2025 3:28	237070
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 3:28	237070
Chromium	NELAP	0.7	1.5	J	1.2	µg/L	5	04/08/2025 3:28	237070
Cobalt	NELAP	0.1	1.0	J	0.2	µg/L	5	04/08/2025 3:28	237070
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 3:28	237070
Lithium	*	1.4	3.0		20.2	µg/L	5	04/08/2025 3:28	237070
Molybdenum	NELAP	0.6	1.5		4.4	µg/L	5	04/08/2025 3:28	237070
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 3:28	237070
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 3:28	237070
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/04/2025 17:03	237063



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-015
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: APW12
Collection Date: 04/02/2025 9:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		13.81	ft	1	04/02/2025 9:01	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		7.7	NTU	1	04/02/2025 9:01	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		198	mV	1	04/02/2025 9:01	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		4520	µS/cm	1	04/02/2025 9:01	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.4	°C	1	04/02/2025 9:01	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.45	mg/L	1	04/02/2025 9:01	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		6.35		1	04/02/2025 9:01	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		582	mg/L	1	04/04/2025 15:04	R362860
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/04/2025 15:04	R362860
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		1940	mg/L	1	04/04/2025 8:55	R362856
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	04/05/2025 4:54	R362911
Chloride	NELAP	1.00	5.00		28.6	mg/L	10	04/05/2025 4:54	R362911
Sulfate	NELAP	0.99	10.0		880	mg/L	10	04/05/2025 4:54	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.083	0.100		263	mg/L	1	04/08/2025 18:02	237068
Magnesium	NELAP	0.006	0.050		121	mg/L	1	04/08/2025 18:02	237068
Potassium	NELAP	0.040	0.100		1.30	mg/L	1	04/08/2025 18:02	237068
Sodium	NELAP	0.018	0.050		149	mg/L	1	04/08/2025 18:02	237068
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0	J	0.5	µg/L	5	04/08/2025 0:43	237068
Arsenic	NELAP	0.4	1.0	J	0.6	µg/L	5	04/08/2025 0:43	237068
Barium	NELAP	0.7	1.0		32.3	µg/L	5	04/08/2025 0:43	237068
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 0:43	237068
Boron	NELAP	9.2	25.0		900	µg/L	5	04/08/2025 0:43	237068
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 0:43	237068
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	04/08/2025 0:43	237068
Cobalt	NELAP	0.1	1.0	J	1.0	µg/L	5	04/08/2025 0:43	237068
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 0:43	237068
Lithium	*	1.4	3.0		28.2	µg/L	5	04/08/2025 0:43	237068
Molybdenum	NELAP	0.6	1.5	J	0.7	µg/L	5	04/08/2025 0:43	237068
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 0:43	237068
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 0:43	237068
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/04/2025 17:06	237063



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-016
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: APW13
Collection Date: 04/02/2025 9:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		32.01	ft	1	04/02/2025 9:31	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		42	NTU	1	04/02/2025 9:31	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		187	mV	1	04/02/2025 9:31	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2880	µS/cm	1	04/02/2025 9:31	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.0	°C	1	04/02/2025 9:31	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.56	mg/L	1	04/02/2025 9:31	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		7.06		1	04/02/2025 9:31	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		468	mg/L	1	04/04/2025 15:20	R362860
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/04/2025 15:20	R362860
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	20	25		942	mg/L	1.25	04/04/2025 8:54	R362856
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.38	mg/L	10	04/05/2025 5:06	R362911
Chloride	NELAP	1.00	5.00		51.0	mg/L	10	04/05/2025 5:06	R362911
Sulfate	NELAP	0.99	10.0		262	mg/L	10	04/05/2025 5:06	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		121	mg/L	1	04/07/2025 20:34	237070
Magnesium	NELAP	0.006	0.050		63.3	mg/L	1	04/09/2025 17:13	237070
Potassium	NELAP	0.040	0.100		1.95	mg/L	1	04/07/2025 20:34	237070
Sodium	NELAP	0.018	0.050		123	mg/L	1	04/07/2025 20:34	237070
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 4:35	237070
Arsenic	NELAP	0.4	1.0		5.4	µg/L	5	04/08/2025 4:35	237070
Barium	NELAP	0.7	1.0		69.9	µg/L	5	04/08/2025 4:35	237070
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 4:35	237070
Boron	NELAP	9.2	25.0		132	µg/L	5	04/08/2025 4:35	237070
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 4:35	237070
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	04/08/2025 4:35	237070
Cobalt	NELAP	0.1	1.0	J	0.2	µg/L	5	04/08/2025 4:35	237070
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 4:35	237070
Lithium	*	1.4	3.0		26.7	µg/L	5	04/08/2025 4:35	237070
Molybdenum	NELAP	0.6	1.5		8.5	µg/L	5	04/08/2025 4:35	237070
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 4:35	237070
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 4:35	237070
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/04/2025 17:08	237063



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-017
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: APW14
Collection Date: 04/02/2025 10:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		20.71	ft	1	04/02/2025 10:02	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		8.6	NTU	1	04/02/2025 10:02	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		160	mV	1	04/02/2025 10:02	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		3040	µS/cm	1	04/02/2025 10:02	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.6	°C	1	04/02/2025 10:02	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.53	mg/L	1	04/02/2025 10:02	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		7.20		1	04/02/2025 10:02	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		433	mg/L	1	04/04/2025 15:28	R362860
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/04/2025 15:28	R362860
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	20	25		1040	mg/L	1.25	04/04/2025 8:55	R362856
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.27	mg/L	10	04/05/2025 5:17	R362911
Chloride	NELAP	1.00	5.00		41.6	mg/L	10	04/05/2025 5:17	R362911
Sulfate	NELAP	0.99	10.0		375	mg/L	10	04/05/2025 5:17	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		136	mg/L	1	04/07/2025 20:44	237070
Magnesium	NELAP	0.006	0.050		69.9	mg/L	1	04/09/2025 17:14	237070
Potassium	NELAP	0.040	0.100		1.64	mg/L	1	04/07/2025 20:44	237070
Sodium	NELAP	0.018	0.050		124	mg/L	1	04/07/2025 20:44	237070
<i>Sample result for Na exceeds 10 times the CCB. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 4:42	237070
Arsenic	NELAP	0.4	1.0		7.2	µg/L	5	04/08/2025 4:42	237070
Barium	NELAP	0.7	1.0		70.0	µg/L	5	04/08/2025 4:42	237070
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 4:42	237070
Boron	NELAP	9.2	25.0		116	µg/L	5	04/08/2025 4:42	237070
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 4:42	237070
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	04/08/2025 4:42	237070
Cobalt	NELAP	0.1	1.0	J	0.2	µg/L	5	04/08/2025 4:42	237070
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 4:42	237070
Lithium	*	1.4	3.0		22.9	µg/L	5	04/08/2025 4:42	237070
Molybdenum	NELAP	0.6	1.5		4.8	µg/L	5	04/08/2025 4:42	237070
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 4:42	237070
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 4:42	237070
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/04/2025 17:10	237063



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-018
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: APW15
Collection Date: 04/02/2025 10:51

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		20.82	ft	1	04/02/2025 10:51	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		200	NTU	1	04/02/2025 10:51	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		60	mV	1	04/02/2025 10:51	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		4050	µS/cm	1	04/02/2025 10:51	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.5	°C	1	04/02/2025 10:51	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.18	mg/L	1	04/02/2025 10:51	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		6.99		1	04/02/2025 10:51	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		710	mg/L	1	04/04/2025 15:45	R362860
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/04/2025 15:45	R362860
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	27	33		1090	mg/L	1.67	04/04/2025 8:54	R362856
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.46	mg/L	10	04/05/2025 5:29	R362911
Chloride	NELAP	1.00	5.00		273	mg/L	10	04/05/2025 5:29	R362911
Sulfate	NELAP	0.99	10	J	1.2	mg/L	10	04/05/2025 5:29	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		90.3	mg/L	1	04/07/2025 20:45	237070
Magnesium	NELAP	0.006	0.050		38.4	mg/L	1	04/09/2025 17:16	237070
Potassium	NELAP	0.040	0.100		3.31	mg/L	1	04/07/2025 20:45	237070
Sodium	NELAP	0.018	0.050		270	mg/L	1	04/07/2025 20:45	237070
<i>Sample result for Na exceeds 10 times the CCB. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 4:48	237070
Arsenic	NELAP	0.4	1.0		40.2	µg/L	5	04/08/2025 4:48	237070
Barium	NELAP	0.7	1.0		753	µg/L	5	04/08/2025 4:48	237070
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 4:48	237070
Boron	NELAP	9.2	25.0		157	µg/L	5	04/08/2025 4:48	237070
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 4:48	237070
Chromium	NELAP	0.7	1.5		3.0	µg/L	5	04/08/2025 4:48	237070
Cobalt	NELAP	0.1	1.0		1.3	µg/L	5	04/08/2025 4:48	237070
Lead	NELAP	0.6	1.0		1.2	µg/L	5	04/08/2025 4:48	237070
Lithium	*	1.4	3.0		7.2	µg/L	5	04/08/2025 4:48	237070
Molybdenum	NELAP	0.6	1.5		4.9	µg/L	5	04/08/2025 4:48	237070
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 4:48	237070
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 4:48	237070
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/04/2025 17:17	237063



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-019
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: APW16
Collection Date: 04/01/2025 14:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		40.07	ft	1	04/01/2025 14:17	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		5.5	NTU	1	04/01/2025 14:17	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		115	mV	1	04/01/2025 14:17	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2660	µS/cm	1	04/01/2025 14:17	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.7	°C	1	04/01/2025 14:17	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.47	mg/L	1	04/01/2025 14:17	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		7.40		1	04/01/2025 14:17	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		649	mg/L	1	04/04/2025 15:37	R362860
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/04/2025 15:37	R362860
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		776	mg/L	1	04/04/2025 8:56	R362856
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.76	mg/L	10	04/05/2025 5:41	R362911
Chloride	NELAP	1.00	5.00		68.1	mg/L	10	04/05/2025 5:41	R362911
Sulfate	NELAP	0.99	10	J	1.9	mg/L	10	04/05/2025 5:41	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		107	mg/L	1	04/08/2025 18:24	237085
Magnesium	NELAP	0.006	0.050		52.0	mg/L	1	04/07/2025 19:07	237085
Potassium	NELAP	0.040	0.100		2.19	mg/L	1	04/08/2025 18:24	237085
Sodium	NELAP	0.023	0.050		146	mg/L	1	04/08/2025 18:24	237085
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 5:06	237085
Arsenic	NELAP	0.4	1.0		27.3	µg/L	5	04/08/2025 5:06	237085
Barium	NELAP	0.7	1.0		609	µg/L	5	04/08/2025 5:06	237085
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 5:06	237085
Boron	NELAP	9.2	25.0		152	µg/L	5	04/08/2025 5:06	237085
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 5:06	237085
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	04/08/2025 5:06	237085
Cobalt	NELAP	0.1	1.0	J	0.3	µg/L	5	04/08/2025 5:06	237085
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 5:06	237085
Lithium	*	1.4	3.0		3.2	µg/L	5	04/08/2025 5:06	237085
Molybdenum	NELAP	0.6	1.5		< 1.5	µg/L	5	04/08/2025 5:06	237085
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 5:06	237085
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 5:06	237085
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/04/2025 17:24	237063



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-020
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: APW17
Collection Date: 04/01/2025 11:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		41.21	ft	1	04/01/2025 11:44	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		36	NTU	1	04/01/2025 11:44	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		214	mV	1	04/01/2025 11:44	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2400	µS/cm	1	04/01/2025 11:44	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.3	°C	1	04/01/2025 11:44	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.72	mg/L	1	04/01/2025 11:44	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		7.33		1	04/01/2025 11:44	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		496	mg/L	1	04/04/2025 15:53	R362860
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/04/2025 15:53	R362860
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		764	mg/L	1	04/04/2025 8:30	R362856
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.51	mg/L	10	04/05/2025 7:02	R362911
Chloride	NELAP	1.00	5.00		52.3	mg/L	10	04/05/2025 7:02	R362911
Sulfate	NELAP	0.99	10.0		68.4	mg/L	10	04/05/2025 7:02	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		117	mg/L	1	04/08/2025 18:26	237085
Magnesium	NELAP	0.006	0.050		54.4	mg/L	1	04/07/2025 19:08	237085
Potassium	NELAP	0.040	0.100		1.94	mg/L	1	04/08/2025 18:26	237085
Sodium	NELAP	0.023	0.050		88.3	mg/L	1	04/08/2025 18:26	237085
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 5:12	237085
Arsenic	NELAP	0.4	1.0		14.6	µg/L	5	04/08/2025 5:12	237085
Barium	NELAP	0.7	1.0		518	µg/L	5	04/08/2025 5:12	237085
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 5:12	237085
Boron	NELAP	9.2	25.0		85.0	µg/L	5	04/08/2025 5:12	237085
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 5:12	237085
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	04/08/2025 5:12	237085
Cobalt	NELAP	0.1	1.0	J	0.2	µg/L	5	04/08/2025 5:12	237085
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 5:12	237085
Lithium	*	1.4	3.0		3.0	µg/L	5	04/08/2025 5:12	237085
Molybdenum	NELAP	0.6	1.5		5.5	µg/L	5	04/08/2025 5:12	237085
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 5:12	237085
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 5:12	237085
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/04/2025 17:26	237063



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-021
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: APW18
Collection Date: 04/01/2025 12:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		51.78	ft	1	04/01/2025 12:20	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		25	NTU	1	04/01/2025 12:20	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		181	mV	1	04/01/2025 12:20	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2060	µS/cm	1	04/01/2025 12:20	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.7	°C	1	04/01/2025 12:20	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.77	mg/L	1	04/01/2025 12:20	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		7.59		1	04/01/2025 12:20	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		498	mg/L	1	04/04/2025 16:02	R362860
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/04/2025 16:02	R362860
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		594	mg/L	1	04/04/2025 8:56	R362856
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.61	mg/L	10	04/05/2025 7:14	R362911
Chloride	NELAP	1.00	5.00		23.1	mg/L	10	04/05/2025 7:14	R362911
Sulfate	NELAP	0.99	10.0		46.0	mg/L	10	04/05/2025 7:14	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		78.5	mg/L	1	04/08/2025 18:28	237085
Magnesium	NELAP	0.006	0.050		41.0	mg/L	1	04/07/2025 19:10	237085
Potassium	NELAP	0.040	0.100		1.92	mg/L	1	04/08/2025 18:28	237085
Sodium	NELAP	0.023	0.050		101	mg/L	1	04/08/2025 18:28	237085
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 5:18	237085
Arsenic	NELAP	0.4	1.0		1.7	µg/L	5	04/08/2025 5:18	237085
Barium	NELAP	0.7	1.0		405	µg/L	5	04/08/2025 5:18	237085
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 5:18	237085
Boron	NELAP	9.2	25.0		118	µg/L	5	04/08/2025 5:18	237085
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 5:18	237085
Chromium	NELAP	0.7	1.5	J	0.9	µg/L	5	04/08/2025 5:18	237085
Cobalt	NELAP	0.1	1.0	J	0.3	µg/L	5	04/08/2025 5:18	237085
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 5:18	237085
Lithium	*	1.4	3.0		5.5	µg/L	5	04/08/2025 5:18	237085
Molybdenum	NELAP	0.6	1.5		3.6	µg/L	5	04/08/2025 5:18	237085
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 5:18	237085
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 5:18	237085
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/04/2025 17:28	237063



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-066
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: SG02
Collection Date: 04/01/2025 10:13

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		1.79	ft	1	04/01/2025 10:13	R363167



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-069
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: XSG01
Collection Date: 04/01/2025 10:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		11.18	ft	1	04/01/2025 10:20	R363167



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-070
Matrix: AQUEOUS

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: Field Blank
Collection Date: 04/08/2025 12:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		3	mg/L	1	04/10/2025 10:18	R363122
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/10/2025 10:18	R363122
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		34	mg/L	1	04/15/2025 10:19	R363486
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	04/09/2025 20:23	R363107
Chloride	NELAP	1.00	5.00		ND	mg/L	10	04/09/2025 20:23	R363107
Sulfate	NELAP	0.99	10.0		ND	mg/L	10	04/09/2025 20:23	R363107
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.045	0.100		< 0.100	mg/L	1	04/10/2025 19:30	237302
Magnesium	NELAP	0.006	0.050		< 0.050	mg/L	1	04/10/2025 19:30	237302
Potassium	NELAP	0.040	0.100		< 0.100	mg/L	1	04/10/2025 19:30	237302
Sodium	NELAP	0.018	0.050	J	0.020	mg/L	1	04/11/2025 12:03	237302
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	04/10/2025 17:52	237302
Arsenic	NELAP	0.4	1.0		< 1.0	µg/L	5	04/10/2025 17:52	237302
Barium	NELAP	0.7	1.0		< 1.0	µg/L	5	04/10/2025 17:52	237302
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/11/2025 8:49	237302
Boron	NELAP	9.2	25.0		< 25.0	µg/L	5	04/11/2025 8:49	237302
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/10/2025 17:52	237302
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	04/11/2025 8:49	237302
Cobalt	NELAP	0.1	1.0		< 1.0	µg/L	5	04/11/2025 8:49	237302
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	04/10/2025 17:52	237302
Lithium	*	1.4	3.0		< 3.0	µg/L	5	04/11/2025 8:49	237302
Molybdenum	NELAP	0.6	1.5	J	1.5	µg/L	5	04/10/2025 17:52	237302
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/10/2025 17:52	237302
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/10/2025 17:52	237302
<i>LCS recovered outside upper control limits for Ag. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/10/2025 10:51	237304



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-072
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: APW09 Duplicate
Collection Date: 04/02/2025 9:34

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		26.41	ft	1	04/02/2025 9:34	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		260	NTU	1	04/02/2025 9:34	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		128	mV	1	04/02/2025 9:34	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2920	µS/cm	1	04/02/2025 9:34	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		14.9	°C	1	04/02/2025 9:34	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.58	mg/L	1	04/02/2025 9:34	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		7.28		1	04/02/2025 9:34	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		594	mg/L	1	04/08/2025 9:37	R362984
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/08/2025 9:37	R362984
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	20	25		848	mg/L	1.25	04/04/2025 8:55	R362856
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.47	mg/L	10	04/05/2025 9:45	R362911
Chloride	NELAP	1.00	5.00		137	mg/L	10	04/05/2025 9:45	R362911
Sulfate	NELAP	0.99	10.0		11.5	mg/L	10	04/05/2025 9:45	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		80.0	mg/L	1	04/07/2025 19:29	237085
Magnesium	NELAP	0.006	0.050		36.9	mg/L	1	04/07/2025 19:29	237085
Potassium	NELAP	0.040	0.100		2.02	mg/L	1	04/07/2025 19:29	237085
Sodium	NELAP	0.023	0.050		194	mg/L	1	04/08/2025 18:46	237085
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 13:15	237085
Arsenic	NELAP	0.4	1.0		29.9	µg/L	5	04/08/2025 13:15	237085
Barium	NELAP	0.7	1.0		467	µg/L	5	04/08/2025 13:15	237085
Beryllium	NELAP	0.2	1.0	J	0.3	µg/L	5	04/08/2025 13:15	237085
Boron	NELAP	9.2	25.0		113	µg/L	5	04/08/2025 13:15	237085
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 13:15	237085
Chromium	NELAP	0.7	1.5		1.7	µg/L	5	04/09/2025 12:12	237085
Cobalt	NELAP	0.1	1.0	J	0.8	µg/L	5	04/08/2025 13:15	237085
Lead	NELAP	0.6	1.0	J	0.8	µg/L	5	04/08/2025 13:15	237085
Lithium	*	1.4	3.0		8.9	µg/L	5	04/08/2025 13:15	237085
Molybdenum	NELAP	0.6	1.5		4.6	µg/L	5	04/08/2025 13:15	237085
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 13:15	237085
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 13:15	237085
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/07/2025 14:33	237104



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-073
Matrix: GROUNDWATER

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: APW18 Duplicate
Collection Date: 04/01/2025 12:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		51.78	ft	1	04/01/2025 12:20	R363167
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		25	NTU	1	04/01/2025 12:20	R363167
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		181	mV	1	04/01/2025 12:20	R363167
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2060	µS/cm	1	04/01/2025 12:20	R363167
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		13.7	°C	1	04/01/2025 12:20	R363167
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.77	mg/L	1	04/01/2025 12:20	R363167
SW-846 9040B FIELD									
pH	*	0	1.00		7.59		1	04/01/2025 12:20	R363167
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		499	mg/L	1	04/08/2025 9:54	R362984
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/08/2025 9:54	R362984
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		622	mg/L	1	04/04/2025 8:56	R362856
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.53	mg/L	10	04/05/2025 9:57	R362911
Chloride	NELAP	1.00	5.00		23.1	mg/L	10	04/05/2025 9:57	R362911
Sulfate	NELAP	0.99	10.0		43.9	mg/L	10	04/05/2025 9:57	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		77.7	mg/L	1	04/07/2025 19:38	237085
Magnesium	NELAP	0.006	0.050		36.4	mg/L	1	04/07/2025 19:38	237085
Potassium	NELAP	0.040	0.100		2.02	mg/L	1	04/07/2025 19:38	237085
Sodium	NELAP	0.023	0.050		104	mg/L	1	04/08/2025 18:48	237085
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 14:04	237085
Arsenic	NELAP	0.4	1.0		2.1	µg/L	5	04/08/2025 14:04	237085
Barium	NELAP	0.7	1.0		384	µg/L	5	04/08/2025 14:04	237085
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 14:04	237085
Boron	NELAP	9.2	25.0		110	µg/L	5	04/08/2025 14:04	237085
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 14:04	237085
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	04/08/2025 14:04	237085
Cobalt	NELAP	0.1	1.0	J	0.3	µg/L	5	04/08/2025 14:04	237085
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 14:04	237085
Lithium	*	1.4	3.0		5.8	µg/L	5	04/08/2025 14:04	237085
Molybdenum	NELAP	0.6	1.5		4.1	µg/L	5	04/08/2025 14:04	237085
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 14:04	237085
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 14:04	237085
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/07/2025 14:35	237104



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-078
Matrix: AQUEOUS

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: Equipment Blank 1
Collection Date: 04/02/2025 16:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		2	mg/L	1	04/08/2025 9:13	R362984
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/08/2025 9:13	R362984
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20		42	mg/L	1	04/07/2025 16:58	R363000
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	04/05/2025 10:44	R362911
Chloride	NELAP	1.00	5.00		ND	mg/L	10	04/05/2025 10:44	R362911
Sulfate	NELAP	0.99	10	J	1.3	mg/L	10	04/05/2025 10:44	R362911
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		0.219	mg/L	1	04/08/2025 18:50	237085
Magnesium	NELAP	0.006	0.050		< 0.050	mg/L	1	04/07/2025 19:39	237085
Potassium	NELAP	0.040	0.100		< 0.100	mg/L	1	04/07/2025 19:39	237085
Sodium	NELAP	0.023	0.050		0.202	mg/L	1	04/08/2025 18:50	237085
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 14:16	237085
Arsenic	NELAP	0.4	1.0		< 1.0	µg/L	5	04/08/2025 14:16	237085
Barium	NELAP	0.7	1.0	J	0.8	µg/L	5	04/08/2025 14:16	237085
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 14:16	237085
Boron	NELAP	9.2	25	J	11	µg/L	5	04/08/2025 14:16	237085
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/08/2025 14:16	237085
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	04/08/2025 14:16	237085
Cobalt	NELAP	0.1	1.0		< 1.0	µg/L	5	04/08/2025 14:16	237085
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 14:16	237085
Lithium	*	1.4	3.0		< 3.0	µg/L	5	04/08/2025 14:16	237085
Molybdenum	NELAP	0.6	1.5		< 1.5	µg/L	5	04/08/2025 14:16	237085
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/08/2025 14:16	237085
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/08/2025 14:16	237085
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/07/2025 14:49	237104



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031355-079
Matrix: AQUEOUS

Work Order: 25031355
Report Date: 09-May-25
Client Sample ID: Equipment Blank 2
Collection Date: 04/07/2025 16:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 1997, 2011									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		1	mg/L	1	04/10/2025 9:50	R363122
STANDARD METHODS 2320 B 1997, 2011									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	04/10/2025 9:50	R363122
STANDARD METHODS 2540 C (TOTAL) 1997, 2011									
Total Dissolved Solids	NELAP	16	20	H	20	mg/L	1	04/15/2025 10:17	R363486
Sample analysis did not meet hold time requirements.									
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	04/09/2025 2:43	R362989
Chloride	NELAP	1.00	5.00		ND	mg/L	10	04/09/2025 2:43	R362989
Sulfate	NELAP	0.99	10	J	1.2	mg/L	10	04/09/2025 2:43	R362989
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		< 0.100	mg/L	1	04/09/2025 10:46	237232
Magnesium	NELAP	0.006	0.050	J	0.011	mg/L	1	04/09/2025 10:46	237232
Potassium	NELAP	0.040	0.100		< 0.100	mg/L	1	04/09/2025 10:46	237232
Sodium	NELAP	0.018	0.050		< 0.050	mg/L	1	04/09/2025 10:46	237232
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	04/09/2025 13:41	237232
Arsenic	NELAP	0.4	1.0		< 1.0	µg/L	5	04/09/2025 13:41	237232
Barium	NELAP	0.7	1.0		< 1.0	µg/L	5	04/09/2025 13:41	237232
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/09/2025 13:41	237232
Boron	NELAP	9.2	25.0		< 25.0	µg/L	5	04/09/2025 13:41	237232
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	04/09/2025 13:41	237232
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	04/09/2025 13:41	237232
Cobalt	NELAP	0.1	1.0		< 1.0	µg/L	5	04/09/2025 13:41	237232
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	04/09/2025 13:41	237232
Lithium	*	1.4	3.0		< 3.0	µg/L	5	04/09/2025 13:41	237232
Molybdenum	NELAP	0.6	1.5		< 1.5	µg/L	5	04/09/2025 13:41	237232
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	04/09/2025 13:41	237232
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	04/09/2025 13:41	237232
Contamination present in the MBLK for Cu and Fe. Sample results below the reporting limit are reportable per the TNI Standard.									
CCV recovered outside the upper control limits for Mn. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	04/09/2025 12:33	237231



Sample Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25031355-004	APW02	Groundwater	4	04/01/2025 11:14
25031355-005	APW03	Groundwater	4	04/02/2025 9:59
25031355-006	APW04	Groundwater	4	04/02/2025 9:27
25031355-007	APW05	Groundwater	2	04/01/2025 10:24
25031355-008	APW05S	Groundwater	2	04/01/2025 9:53
25031355-009	APW06	Groundwater	2	04/02/2025 11:30
25031355-010	APW07	Groundwater	2	04/02/2025 10:54
25031355-011	APW08	Groundwater	2	04/02/2025 10:56
25031355-012	APW09	Groundwater	2	04/02/2025 9:34
25031355-013	APW10	Groundwater	2	04/02/2025 10:09
25031355-014	APW11	Groundwater	2	04/02/2025 11:43
25031355-015	APW12	Groundwater	2	04/02/2025 9:01
25031355-016	APW13	Groundwater	2	04/02/2025 9:31
25031355-017	APW14	Groundwater	2	04/02/2025 10:02
25031355-018	APW15	Groundwater	2	04/02/2025 10:51
25031355-019	APW16	Groundwater	2	04/01/2025 14:17
25031355-020	APW17	Groundwater	2	04/01/2025 11:44
25031355-021	APW18	Groundwater	2	04/01/2025 12:20
25031355-066	SG02	Groundwater	1	04/01/2025 10:13
25031355-069	XSG01	Groundwater	1	04/01/2025 10:20
25031355-070	Field Blank	Aqueous	16	04/08/2025 12:05
25031355-072	APW09 Duplicate	Groundwater	2	04/02/2025 9:34
25031355-073	APW18 Duplicate	Groundwater	2	04/01/2025 12:20
25031355-078	Equipment Blank 1	Aqueous	16	04/02/2025 16:30
25031355-079	Equipment Blank 2	Aqueous	16	04/07/2025 16:15



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

STANDARD METHODS 2510 B FIELD

Batch R363167		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-1-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	100.0	90	110	04/02/2025	

Batch R363167		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-1-JC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	99.8	90	110	04/01/2025	

Batch R363167		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-1-TC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	100.0	90	110	04/02/2025	

Batch R363167		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-2-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	100.0	90	110	04/03/2025	

Batch R363167		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-2-JC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	99.9	90	110	04/02/2025	

Batch R363167		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-2-TC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	100.1	90	110	04/03/2025	

Batch R363167		SampType: LCS		Units μS/cm							
SampID: LCS-3-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	100.1	90	110	04/07/2025	

Batch R363167		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-3-JC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	99.9	90	110	04/03/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

STANDARD METHODS 2510 B FIELD

Batch R363167		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-3-TC											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Spec. Conductance, Field	*	0		1410	1412	0	100.0	90	110	04/07/2025	

Batch R363167		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-4-BG											
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	04/08/2025	

SW-846 9040B FIELD

Batch R363167		SampType: LCS		Units							
SampID: LCS-1-BG											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
pH	*	1.00		7.01	7.000	0	100.1	98.57	101.4	04/02/2025	

Batch R363167		SampType: LCS		Units							
SampID: LCS-1-JC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.02	7.000	0	100.3	98.57	101.4	04/01/2025	

Batch R363167		SampType: LCS		Units							
SampID: LCS-1-TC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.05	7.000	0	100.7	98.57	101.4	04/02/2025	

Batch R363167		SampType: LCS		Units							
SampID: LCS-2-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.00	7.000	0	100.0	98.57	101.4	04/03/2025	

Batch R363167		SampType: LCS		Units							
SampID: LCS-2-JC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.03	7.000	0	100.4	98.57	101.4	04/02/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW-846 9040B FIELD

Batch R363167		SampType: LCS		Units							
SampID: LCS-2-TC											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
pH	*	1.00		6.97	7.000	0	99.6	98.57	101.4	04/03/2025	

Batch R363167		SampType: LCS		Units							
SampID: LCS-3-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.02	7.000	0	100.3	98.57	101.4	04/07/2025	

Batch R363167		SampType: LCS		Units							
SampID: LCS-3-JC											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
pH	*	1.00		7.00	7.000	0	100.0	98.57	101.4	04/03/2025	

Batch R363167		SampType: LCS		Units							
SampID: LCS-3-TC											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
pH	*	1.00		7.05	7.000	0	100.7	98.57	101.4	04/07/2025	

Batch R363167		SampType: LCS		Units							
SampID: LCS-4-BG											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
pH	*	1.00		7.02	7.000	0	100.3	98.57	101.4	04/08/2025	

EPA 1664A

Batch R362969		SampType: MBLK		Units mg/L							
SampID: MBLK											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Hexane Extractable Material		5		< 5	3.600	0	0	-100	100	04/07/2025	

Batch R362969		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Hexane Extractable Material			5		34	40.00	0	85.8	78	114	04/07/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

EPA 1664A

Batch R362969		SampType: MS		Units mg/L								Date
SampID: 25040692-001EMS												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Hexane Extractable Material		3	S	20	26.78	0	73.0	78	114			

Batch R362969		SampType: MS		Units mg/L								Date
SampID: 25040705-001CMS												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Hexane Extractable Material		5	S	32	43.36	4.032	64.5	78	114			

Batch R362969		SampType: MSD		Units mg/L				RPD Limit 18				Date Analyzed
SampID: 25040705-001CMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Hexane Extractable Material			6	SR	26	44.73	4.032	49.5	31.98	19.98	04/07/2025	

Batch R363024		SampType: MBLK		Units mg/L								Date
SampID: MBLK												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Hexane Extractable Material		5		< 5	3.600	0	0	-100	100			

Batch R363024		SampType: LCS		Units mg/L								Date
SampID: LCS												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Hexane Extractable Material		5		33	40.00	0	82.0	78	114			

Batch R363024		SampType: MS		Units mg/L								Date
SampID: 25040220-001CMS												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Hexane Extractable Material		5		38	42.41	0	88.5	78	114			

Batch R363024		SampType: MS		Units mg/L								Date
SampID: 25040222-001BMS												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Hexane Extractable Material		5	S	29	42.93	0	66.5	78	114			

Batch R363044		SampType: MBLK		Units mg/L								Date
SampID: MBLK												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Hexane Extractable Material		5		< 5	3.600	0	0	-100	100			



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

EPA 1664A

Batch R363044		SampType: LCS		Units mg/L						
SampID: LCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Hexane Extractable Material		5		32	40.00	0	79.8	78	114	04/08/2025

Batch R363044		SampType: MS		Units mg/L						
SampID: 25040232-002AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Hexane Extractable Material		6	S	20	44.97	0	43.8	78	114	04/08/2025

Batch R363044		SampType: MS		Units mg/L							
SampID: 25040284-001GMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Hexane Extractable Material		4	S	17	34.57	3.879	37.3	78	114	04/08/2025	

Batch R363357		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Hexane Extractable Material		5		< 5	3.600	0	0	-100	100	04/15/2025	

Batch R363357		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Hexane Extractable Material		5		32	40.00	0	81.0	78	114	04/15/2025	

Batch R363357		SampType: MS		Units mg/L							
SampID: 25041369-001GMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Hexane Extractable Material		3	S	17	26.08	0	65.5	78	114	04/15/2025	

Batch R363357		SampType: MS		Units mg/L							
SampID: 25041398-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Hexane Extractable Material		5	S	21	43.80	0	47.2	78	114	04/15/2025	

Batch R363357		SampType: MSD		Units mg/L				RPD Limit 18			
SampID: 25041398-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Hexane Extractable Material			6	S	20	44.05	0	46.0	20.69	2.10	04/15/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

EPA 600 350.1 (DISSOLVED)

Batch R362958		SampType: MS		Units mg/L							
SampleID: 25031355-044EMS											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Nitrogen, Ammonia (as N)			0.10		1.89	2.000	0.07910	90.4	90	110	
											04/05/2025

Batch R362958		SampType:	MSD		Units mg/L			RPD Limit 10			Date Analyzed
SampID: 25031355-044EMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Ammonia (as N)			0.10		1.91	2.000	0.07910	91.5	1.887	1.12	04/05/2025

Batch R363004		SampType: MS		Units mg/L							
SampID: 25031355-002KMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)			0.10	E	6.49	2.000	4.606	94.0	90	110	04/08/2025

Batch R363004		SampType: MSD	Units mg/L					RPD Limit 10			
SampID: 25031355-002KMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10	E	6.47	2.000	4.606	93.2	6.486	0.22	04/08/2025	

Batch R363004		SampType: MS		Units mg/L							
SampleID: 25031355-062KMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)			0.50		13.9	10.00	4.535	93.8	90	110	04/08/2025

Batch R363004		SampType:	MSD		Units mg/L			RPD Limit 10			
SampID: 25031355-062KMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.50		14.0	10.00	4.535	94.6	13.92	0.58	04/08/2025

Batch R363004		SampType: MS		Units mg/L							
SampID: 25040591-005HMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)			0.50		23.4	10.00	13.86	95.5	90	110	04/08/2025

Batch R363004		SampType: MSD	Units mg/L					RPD Limit 10			
SampleID: 25040591-005HMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.50		23.2	10.00	13.86	93.5	23.41	0.87	04/08/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

EPA 600 350.1 (DISSOLVED)

Batch R363004		SampType: MS		Units mg/L							
SampID: 25040603-001GMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Ammonia (as N)		0.50		12.1	10.00	2.674	94.6	90	110	04/08/2025	

Batch R363004		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040603-001GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.50		12.2	10.00	2.674	95.2	12.13	0.50	04/08/2025

Batch R363237		SampType: MS		Units mg/L							
SampID: 25040753-001HMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		1.00		36.1	20.00	17.25	94.2	90	110	04/11/2025	

Batch R363237		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040753-001HMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			1.00		35.6	20.00	17.25	91.9	36.09	1.31	04/11/2025

Batch R363237		SampType: MS		Units mg/L							
SampID: 25040807-001HMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		1.00		38.3	20.00	18.98	96.6	90	110	04/11/2025	

Batch R363237		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040807-001HMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			1.00		37.8	20.00	18.98	94.0	38.29	1.37	04/11/2025

Batch R363237		SampType: MS		Units mg/L							
SampID: 25040980-003MMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.50		14.8	10.00	5.638	91.8	90	110	04/11/2025	

Batch R363237		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040980-003MMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.50		15.0	10.00	5.638	94.1	14.82	1.52	04/11/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

EPA 600 350.1 (DISSOLVED)

Batch R363237		SampType: MS		Units mg/L							
SampID: 25041194-005GMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Ammonia (as N)		0.10	S	1.97	2.000	0.2969	83.5	90	110	04/12/2025	

Batch R363237		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25041194-005GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10	S	1.92	2.000	0.2969	80.9	1.967	2.66	04/12/2025

Batch R363237		SampType: MS		Units mg/L							
SampID: 25041194-008GMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10	S	1.51	2.000	0	75.4	90	110	04/12/2025	

Batch R363237		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25041194-008GMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Ammonia (as N)		0.10	S	1.51	2.000	0	75.5	1.508	0.15	04/12/2025	

EPA 600 350.1 (TOTAL)

Batch R362958		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, Ammonia (as N)		0.10		< 0.10	0.0270	0	0	-100	100	04/05/2025	

Batch R362958		SampType: LCS		Units mg/L							
SampID: ICB/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.00	1.000	0	99.8	90	110	04/05/2025	

Batch R362958		SampType: MS		Units mg/L							
SampID: 25040348-003DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		2.00		88.7	40.00	50.78	94.9	90	110	04/05/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

EPA 600 350.1 (TOTAL)

Batch R362958		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040348-003DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			2.00		89.1	40.00	50.78	95.7	88.74	0.38	04/05/2025

Batch R362958		SampType: MS		Units mg/L							
SampID: 25040446-001DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		2.38	2.000	0.5693	90.4	90	110	04/05/2025	

Batch R362958		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040446-001DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		2.38	2.000	0.5693	90.4	2.377	0.01	04/05/2025

Batch R362958		SampType: MS		Units mg/L							
SampID: 25040560-002AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		3.11	2.000	1.195	95.5	90	110	04/05/2025	

Batch R362958		SampType:	MSD		Units mg/L				RPD Limit 10			
SampID: 25040560-002AMSD												
Analyses			Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)				0.10		3.06	2.000	1.195	93.0	3.106	1.61	04/05/2025

Batch R362958		SampType: MS		Units mg/L							
SampID: 25040573-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.90	2.000	0.07690	91.0	90	110	04/05/2025	

Batch R362958		SampType: MSD	Units mg/L					RPD Limit 10			Date Analyzed	
SampID: 25040573-002BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Ammonia (as N)				0.10		1.89	2.000	0.07690	90.7	1.896	0.27	04/05/2025

Batch R363004		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, Ammonia (as N)				0.10		< 0.10	0.0270	0	0	-100	100	04/08/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

EPA 600 350.1 (TOTAL)

Batch R363004		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, Ammonia (as N)		0.10		0.97	1.000	0	96.8	90	110	04/08/2025	

Batch R363004		SampType: MS		Units mg/L							
SampID: 25040446-010EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.93	2.000	0	96.4	90	110	04/08/2025	

Batch R363004		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040446-010EMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		1.94	2.000	0	97.2	1.929	0.80	04/08/2025

Batch R363004		SampType: MS		Units mg/L							
SampID: 25040465-001HMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.92	2.000	0.05180	93.5	90	110	04/08/2025	

Batch R363004		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040465-001HMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		1.93	2.000	0.05180	93.9	1.921	0.48	04/08/2025

Batch R363004		SampType: MS		Units mg/L							
SampID: 25040489-006DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.83	2.000	0	91.6	90	110	04/08/2025	

Batch R363004		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040489-006DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		1.83	2.000	0	91.4	1.831	0.16	04/08/2025

Batch R363004		SampType: MS		Units mg/L							
SampID: 25040637-001GMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.95	2.000	0.06940	94.2	90	110	04/09/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

EPA 600 350.1 (TOTAL)

Batch R363004		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040637-001GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		1.96	2.000	0.06940	94.5	1.954	0.23	04/09/2025

Batch R363004		SampType: MS		Units mg/L							
SampID: 25040705-001EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.89	2.000	0.02850	93.2	90	110	04/08/2025	

Batch R363004		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040705-001EMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		1.88	2.000	0.02850	92.4	1.893	0.84	04/08/2025

Batch R363110		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, Ammonia (as N)			0.10		< 0.10	0.0270	0	0	-100	100	04/09/2025

Batch R363110		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, Ammonia (as N)		0.10		1.00	1.000	0	99.7	90	110	04/09/2025	

Batch R363110		SampType: MS		Units mg/L							
SampID: 25040638-002HMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.93	2.000	0.03970	94.4	90	110	04/09/2025	

Batch R363110		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040638-002HMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		1.93	2.000	0.03970	94.4	1.927	0.00	04/09/2025

Batch R363110		SampType: MS		Units mg/L							
SampID: 25040642-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		2.81	2.000	0.9557	92.5	90	110	04/09/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

EPA 600 350.1 (TOTAL)

Batch R363110		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040642-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		2.84	2.000	0.9557	94.2	2.806	1.21	04/09/2025

Batch R363110		SampType: MS		Units mg/L							
SampID: 25040712-001BMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		2.49	2.000	0.6396	92.3	90	110	04/09/2025

Batch R363110		SampType: MSD	Units mg/L							RPD Limit 10		Date Analyzed
SampID: 25040712-001BMSD												
Analyses			Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Ammonia (as N)				0.10		2.50	2.000	0.6396	93.0	2.486	0.54	04/09/2025

Batch R363110		SampType: MS		Units mg/L							
SampID: 25040826-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		2.41	2.000	0.5416	93.2	90	110	04/10/2025	

Batch R363110		SampType: MSD	Units mg/L				RPD Limit 10				Date Analyzed
SampID: 25040826-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Ammonia (as N)			0.10		2.43	2.000	0.5416	94.2	2.405	0.83	04/10/2025

Batch R363110		SampType: MS		Units mg/L							
SampID: 25040842-007BMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		1.95	2.000	0.06060	94.3	90	110	04/10/2025

Batch R363110		SampType:	MSD		Units mg/L				RPD Limit 10		
SampID: 25040842-007BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		1.93	2.000	0.06060	93.7	1.946	0.61	04/10/2025

Batch R363110		SampType: MS		Units mg/L							
SampID: 25040854-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		4.01	2.000	2.188	91.1	90	110	04/09/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

EPA 600 350.1 (TOTAL)

Batch R363110		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040854-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		4.02	2.000	2.188	91.5	4.010	0.19	04/09/2025

Batch R363237		SampType: MBLK		Units mg/L							Date Analyzed
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Ammonia (as N)		0.10		< 0.10	0.0270	0	0	-100	100	04/11/2025	

Batch R363237		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, Ammonia (as N)			0.10		1.00	1.000	0	100.5	90	110	04/11/2025

Batch R363237		SampType: MS		Units mg/L							
SampID: 25040704-001GMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.20	E	10.0	4.000	6.408	91.0	90	110	04/11/2025	

Batch R363237		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040704-001GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.20	E	10.1	4.000	6.408	92.4	10.05	0.56	04/11/2025

Batch R363237		SampType: MS		Units mg/L							Date Analyzed
SampID: 25040850-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Ammonia (as N)		0.10	E	5.75	2.000	3.923	91.5	90	110		

Batch R363237		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040850-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10	E	5.78	2.000	3.923	92.8	5.754	0.44	04/12/2025

Batch R363237		SampType: MS		Units mg/L							
SampID: 25041114-006CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10	S	1.75	2.000	0	87.4	90	110	04/11/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

EPA 600 350.1 (TOTAL)

Batch R363237		SampType: MSD		Units mg/L		RPD Limit 10					
SampID: 25041114-006CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10	S	1.63	2.000	0	81.3	1.747	7.15	04/11/2025

Batch R363237		SampType: MS		Units mg/L							
SampID: 25041114-017CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10	S	1.72	2.000	0.03280	84.3	90	110	04/11/2025	

Batch R363237		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25041114-017CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10	S	1.68	2.000	0.03280	82.1	1.718	2.50	04/11/2025

Batch R363237		SampType: MS		Units mg/L							
SampID: 25041146-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.87	2.000	0	93.5	90	110	04/12/2025	

Batch R363237		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25041146-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		1.87	2.000	0	93.4	1.870	0.16	04/12/2025

Batch R363237		SampType: MS		Units mg/L							
SampID: 25041169-001DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.87	2.000	0	93.6	90	110	04/11/2025	

Batch R363237		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25041169-001DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		1.90	2.000	0	95.0	1.873	1.39	04/11/2025

Batch R363237		SampType: MS		Units mg/L							
SampID: 25041183-001IMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.98	2.000	0.09810	93.9	90	110	04/12/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

EPA 600 350.1 (TOTAL)

Batch R363237		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25041183-001IMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Ammonia (as N)			0.10		1.98	2.000	0.09810	94.2	1.977	0.29	04/12/2025

EPA 600 365.4 (TOTAL)

Batch 237121		SampType: MBLK		Units mg/L							
SampID: MBLK 250404 TP1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Total (as P)		0.100		< 0.100	0.0660	0	0	-100	100	04/07/2025	

Batch 237121		SampType: LCS		Units mg/L							
SampID: LCS 250404 TP1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Total (as P)		0.100		0.955	1.000	0	95.5	85	115	04/07/2025	

Batch 237121		SampType: MS		Units mg/L							
SampID: 25040353-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Total (as P)		2.50		36.3	25.00	10.18	104.4	85	115	04/07/2025	

Batch 237121		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040353-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Total (as P)			2.50		33.8	25.00	10.18	94.4	36.28	7.14	04/07/2025

Batch 237121		SampType: MS		Units mg/L							
SampID: 25040487-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Total (as P)		0.500		9.98	5.000	5.405	91.6	85	115	04/07/2025	

Batch 237121		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040487-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Total (as P)			0.500		10.2	5.000	5.405	94.9	9.985	1.64	04/07/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

EPA 600 365.4 (TOTAL)

Batch 237280		SampType: MBLK		Units mg/L							
SampID: MBLK 250408 TP1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Total (as P)		0.100		< 0.100	0.0660	0	0	-100	100	04/09/2025	

Batch 237280		SampType: LCS		Units mg/L							
SampID: LCS 250408 TP1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Total (as P)		0.100		0.942	1.000	0	94.2	85	115	04/09/2025	

Batch 237280		SampType: MS		Units mg/L							
SampID: 25040387-026AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Total (as P)		0.100		1.28	1.000	0.3640	91.2	85	115	04/09/2025	

Batch 237280		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040387-026AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Phosphorus, Total (as P)		0.100		1.30	1.000	0.3640	94.1	1.276	2.25	04/09/2025	

Batch 237280		SampType: MS		Units mg/L							
SampID: 25040568-021AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Total (as P)		0.100		2.56	1.000	1.620	94.2	85	115	04/09/2025	

Batch 237280		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040568-021AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Total (as P)			0.100		2.59	1.000	1.620	97.4	2.562	1.24	04/09/2025

Batch 237389		SampType: MBLK		Units mg/L							
SampID: MBLK 250410 TP1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Total (as P)		0.100		< 0.100	0.0660	0	0	-100	100	04/11/2025	

Batch 237389		SampType: LCS		Units mg/L							
SampID: LCS 250410 TP1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Total (as P)		0.100		0.913	1.000	0	91.3	85	115	04/11/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

EPA 600 365.4 (TOTAL)

Batch 237389		SampType: MS		Units mg/L						
SampID: 25040761-003AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phosphorus, Total (as P)		0.100		1.88	1.000	0.8920	98.9	85	115	04/11/2025

Batch 237389		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040761-003AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Phosphorus, Total (as P)		0.100		1.85	1.000	0.8920	95.8	1.881	1.66	04/11/2025	

Batch 237389		SampType: MS		Units mg/L							
SampID: 25040900-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phosphorus, Total (as P)		0.100		1.44	1.000	0.5110	92.9	85	115	04/11/2025	

Batch 237389		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040900-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phosphorus, Total (as P)			0.100		1.45	1.000	0.5110	93.7	1.440	0.55	04/11/2025

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R362856		SampType: MBLK		Units mg/L							
SampID: MBLK											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/03/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/04/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/04/2025	

Batch R362856		SampType: LCS		Units mg/L							
SampID: LCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		906	1000	0	90.6	90	110	04/03/2025	
Total Dissolved Solids		20		910	1000	0	91.0	90	110	04/04/2025	
Total Dissolved Solids		20		968	1000	0	96.8	90	110	04/04/2025	

Batch R362856		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25031355-075ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		3010				3002	0.27	04/04/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R362856		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25040402-001ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		33		2500				2435	2.84	04/03/2025	

Batch R362856		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25040446-001ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		20		982				1068	8.39	04/04/2025	

Batch R362856		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25040446-019ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		25		965				1040	7.48	04/04/2025	

Batch R363000		SampType: MBLK		Units mg/L							
SampID: MBLK										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/08/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/07/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/07/2025	

Batch R363000		SampType: LCS		Units mg/L							
SampID: LCS										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		902	1000	0	90.2	90	110	04/08/2025	
Total Dissolved Solids		20		956	1000	0	95.6	90	110	04/07/2025	
Total Dissolved Solids		20		910	1000	0	91.0	90	110	04/07/2025	

Batch R363000		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25031355-002CDUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		25		832				832.5	0.00	04/07/2025	

Batch R363000		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25040481-001ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		100		3310				3150	4.95	04/08/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R363000		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25040489-009ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		304				312.0	2.60	04/07/2025

Batch R363000		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25040591-002CDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			25		622				647.5	3.94	04/08/2025

Batch R363000		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25040603-001BDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			25		565				550.0	2.69	04/08/2025

Batch	R363213	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	04/10/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/10/2025	

Batch	R363213	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		918	1000	0	91.8	90	110	04/10/2025	
Total Dissolved Solids		20		938	1000	0	93.8	90	110	04/10/2025	

Batch R363213		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25032210-003ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			33	H	361				350.7	2.82	04/10/2025

Batch R363213		SampType: DUP	Units mg/L					RPD Limit 10			
SampID: 25040727-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			1000		17400				16100	7.76	04/10/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R363213		SampType: DUP		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25040751-001BDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Total Dissolved Solids			20	H	508				498.0	1.99	04/10/2025

Batch R363486		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	04/15/2025
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/15/2025
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/15/2025
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/15/2025
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/15/2025

Batch R363486		SampType: LCS		Units mg/L							
SampID: LCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		906	1000	0	90.6	90	110	04/15/2025	
Total Dissolved Solids		20		902	1000	0	90.2	90	110	04/15/2025	
Total Dissolved Solids		20		916	1000	0	91.6	90	110	04/15/2025	
Total Dissolved Solids		20		928	1000	0	92.8	90	110	04/15/2025	
Total Dissolved Solids		20		930	1000	0	93.0	90	110	04/15/2025	

Batch R363486		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25031355-070DDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		32				34.00	6.06	04/15/2025

Batch R363486		SampType: DUP		Units mg/L				RPD Limit 10				Date Analyzed
SampID: 25031355-079DDUP												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids			20	H	20				20.00	0.00	04/15/2025	

Batch R363486		SampType: DUP		Units mg/L				RPD Limit 10				Date Analyzed
SampID: 25040004-007ADUP												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids			20		320				308.0	3.82	04/15/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R363486		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25040980-001GDUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Dissolved Solids		25	H	912				850.0	7.09	04/15/2025	

Batch R363486		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25041008-005BDUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Dissolved Solids		20	H	462				468.0	1.29	04/15/2025	

Batch R363486		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25041096-001ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Dissolved Solids		200		23100				23500	1.72	04/15/2025	

Batch R363486		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25041097-001ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Dissolved Solids		200	H	1140				1120	1.77	04/15/2025	

Batch R363486		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25041146-009ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Dissolved Solids		20		1730				1722	0.58	04/15/2025	

Batch R363486		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25041187-001HDUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Dissolved Solids		50		1760				1695	4.05	04/15/2025	

Batch R363612		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	04/17/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/17/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/17/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	04/17/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

STANDARD METHODS 2540 C (TOTAL) 1997, 2011

Batch R363612 SampType: LCS Units mg/L
SampleID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Dissolved Solids		20		942	1000	0	94.2	90	110	04/17/2025
Total Dissolved Solids		20		916	1000	0	91.6	90	110	04/17/2025
Total Dissolved Solids		20		968	1000	0	96.8	90	110	04/17/2025
Total Dissolved Solids		20		952	1000	0	95.2	90	110	04/17/2025

Batch R363612 SampType: DUP Units mg/L
SampleID: 25040220-001ADUP

RPD Limit 10

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	2930				2902	1.03	04/17/2025

Batch R363612 SampType: DUP Units mg/L
SampleID: 25041008-001BDUP

RPD Limit 10

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	490				478.0	2.48	04/17/2025

Batch R363612 SampType: DUP Units mg/L
SampleID: 25041042-005ADUP

RPD Limit 10

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20		812				832.0	2.43	04/17/2025

Batch R363612 SampType: DUP Units mg/L
SampleID: 25041114-017ADUP

RPD Limit 10

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	104				104.0	0.00	04/17/2025

Batch R363612 SampType: DUP Units mg/L
SampleID: 25041169-001ADUP

RPD Limit 10

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		20	H	548				546.0	0.37	04/17/2025

Batch R363612 SampType: DUP Units mg/L
SampleID: 25041331-010ADUP

RPD Limit 10

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids		33	H	2030				2077	2.44	04/17/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

STANDARD METHODS 2540 D 1997, 2011

Batch R362991		SampType: MBLK		Units mg/L							
SampID: MBLK											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Total Suspended Solids			6		< 6	4.000	0	0	-100	100	04/08/2025
Total Suspended Solids			6		< 6	4.000	0	0	-100	100	04/08/2025

Batch R362991		SampType: LCS		Units mg/L							
SampID: LCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Suspended Solids		6		91	100.0	0	91.0	85	115	04/08/2025	
Total Suspended Solids		6		108	100.0	0	108.0	85	115	04/08/2025	

Batch R362991		SampType: DUP		Units mg/L				RPD Limit 5			
SampID: 25031355-078DDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids			6		< 6				0	0.00	04/08/2025

Batch R362991		SampType: DUP		Units mg/L				RPD Limit 5			
SampID: 25040053-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids			6	RH	10				12.00	18.18	04/08/2025

Batch R362991		SampType: DUP		Units mg/L				RPD Limit 5			
SampID: 25040442-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids			6	R	11				10.00	9.52	04/08/2025

Batch R362991		SampType: DUP		Units mg/L				RPD Limit 5			
SampID: 25040703-019ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids			6	R	8				11.00	31.58	04/08/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

STANDARD METHODS 2540 D 1997, 2011

Batch R363206 SampType: MBLK Units mg/L
SampleID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Suspended Solids		6		< 6	4.000	0	0	-100	100	04/11/2025
Total Suspended Solids		6		< 6	4.000	0	0	-100	100	04/11/2025
Total Suspended Solids		6		< 6	4.000	0	0	-100	100	04/11/2025
Total Suspended Solids		6		< 6	4.000	0	0	-100	100	04/11/2025
Total Suspended Solids		6		< 6	4.000	0	0	-100	100	04/11/2025

Batch R363206 SampType: LCS Units mg/L
SampleID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Suspended Solids		6		86	100.0	0	86.0	85	115	04/11/2025
Total Suspended Solids		6		93	100.0	0	93.0	85	115	04/11/2025
Total Suspended Solids		6		89	100.0	0	89.0	85	115	04/11/2025
Total Suspended Solids		6		87	100.0	0	87.0	85	115	04/11/2025
Total Suspended Solids		6		87	100.0	0	87.0	85	115	04/11/2025

Batch R363206 SampType: DUP Units mg/L
SampleID: 25040485-001ADUP

RPD Limit 5

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids		6	H	< 6				5.000	0.00	04/11/2025

Batch R363206 SampType: DUP Units mg/L
SampleID: 25040706-001ADUP

RPD Limit 5

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids		6	J	4				5.000	0.00	04/11/2025

Batch R363206 SampType: DUP Units mg/L
SampleID: 25040805-001ADUP

RPD Limit 5

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids		6	J	4				5.000	0.00	04/11/2025

Batch R363206 SampType: DUP Units mg/L
SampleID: 25040806-001BDUP

RPD Limit 5

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids		6		< 6				0	0.00	04/11/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

STANDARD METHODS 2540 D 1997, 2011

Batch R363206		SampType: DUP		Units mg/L				RPD Limit 5			
SampID: 25040864-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids			6	RH	15				17.00	12.50	04/11/2025

Batch R363206		SampType: DUP		Units mg/L				RPD Limit 5			
SampID: 25040864-002ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids			6	RH	6				4.000	40.00	04/11/2025

Batch R363206		SampType: DUP		Units mg/L				RPD Limit 5			
SampID: 25040898-002ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids			6		56				58.00	3.51	04/11/2025

Batch R363206		SampType: DUP		Units mg/L				RPD Limit 5			
SampID: 25041040-003ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids			6		< 6				0	0.00	04/11/2025

Batch R363206		SampType: DUP		Units mg/L				RPD Limit 5			
SampID: 25041044-011ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids			6	R	32				30.00	6.45	04/11/2025

Batch R363206		SampType: DUP		Units mg/L				RPD Limit 5			
SampID: 25041044-016ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids			6		24				24.00	0.00	04/11/2025

Batch R363206		SampType: DUP		Units mg/L				RPD Limit 5			
SampID: 25041102-001BDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Suspended Solids			6		24				23.00	4.26	04/11/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch R362795		SampType: MS		Units mg/L						
SampID: 25031355-002EMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	99.2	85	115	04/03/2025

Batch R362795		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25031355-002EMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.49	0.5000	0	98.6	0.4960	0.61	04/03/2025

Batch R362795		SampType: MS		Units mg/L							
SampID: 25031355-022BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	100.2	85	115	04/03/2025	

Batch R362795		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25031355-022BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	100.4	0.5010	0.20	04/03/2025	

Batch R362795		SampType: MS		Units mg/L							
SampID: 25031355-026BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	99.4	85	115	04/03/2025	

Batch R362795		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25031355-026BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.50	0.5000	0	100.0	0.4970	0.60	04/03/2025

Batch R362795		SampType: MS		Units mg/L							
SampID: 25031355-043BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.47	0.5000	0	94.0	85	115	04/03/2025	

Batch R362795		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25031355-043BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.47	0.5000	0	94.4	0.4700	0.42	04/03/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch R362847 SampType: MS Units mg/L

SampID: 25031355-033BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.47	0.5000	0	94.6	85	115	04/04/2025

Batch R362847 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25031355-033BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.48	0.5000	0	97.0	0.4730	2.51	04/04/2025

Batch R362847 SampType: MS Units mg/L

SampID: 25031355-077EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.46	0.5000	0	91.8	85	115	04/04/2025

Batch R362847 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25031355-077EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.46	0.5000	0	91.2	0.4590	0.66	04/04/2025

Batch R363007 SampType: MS Units mg/L

SampID: 25031355-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.48	0.5000	0	96.0	85	115	04/08/2025

Batch R363007 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25031355-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.48	0.5000	0	96.8	0.4800	0.83	04/08/2025

Batch R363007 SampType: MS Units mg/L

SampID: 25031355-025BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	99.4	85	115	04/08/2025

Batch R363007 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25031355-025BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	100.2	0.4970	0.80	04/08/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch R363007		SampType: MS		Units mg/L							
SampID: 25031355-038BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	99.4	85	115	04/08/2025	

Batch R363007		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 25031355-038BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrite (as N)			0.05		0.49	0.5000	0	98.8	0.4970	0.61	04/08/2025	

Batch R363064		SampType: MS		Units mg/L							
SampID: 25040991-001CMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	100.2	85	115	04/09/2025	

Batch R363064		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 25040991-001CMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrite (as N)			0.05		0.51	0.5000	0	102.0	0.5010	1.78	04/09/2025	

Batch R363064		SampType: MS		Units mg/L							
SampID: 25041008-001BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	102.2	85	115	04/09/2025	

Batch R363064		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25041008-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.51	0.5000	0	102.2	0.5110	0.00	04/09/2025

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

Batch R362795		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	04/03/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch R362795		SampType: LCS		Units mg/L							
SampID: LCS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.30	0.3045	0	99.5	90	110	04/03/2025	

Batch R362847		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	04/04/2025
Nitrogen, Nitrite (as N)			0.05		< 0.05	0.0250	0	0	-100	100	04/04/2025

Batch R362847		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.31	0.3045	0	101.8	90	110	04/04/2025	
Nitrogen, Nitrite (as N)		0.05		0.32	0.3045	0	103.4	90	110	04/04/2025	

Batch R362847		SampType: MS		Units mg/L						
SampID: 25040394-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.49	0.5000	0.02100	93.8	85	115	04/04/2025

Batch R362847		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040394-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.49	0.5000	0.02100	93.6	0.4900	0.20	04/04/2025

Batch R362880		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	04/06/2025	
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	04/06/2025	

Batch R362880		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.33	0.3045	0	107.1	90	110	04/06/2025	
Nitrogen, Nitrite (as N)		0.05		0.32	0.3045	0	106.1	90	110	04/06/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch R362880 SampType: MS Units mg/L

SampID: 25031355-047CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	H	0.46	0.5000	0	92.8	85	115	04/06/2025

Batch R362880 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25031355-047CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05	H	0.47	0.5000	0	94.8	0.4640	2.13	04/06/2025

Batch R363007 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	04/08/2025
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	04/08/2025

Batch R363007 SampType: LCS Units mg/L

SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.30	0.3045	0	99.8	90	110	04/08/2025
Nitrogen, Nitrite (as N)		0.05		0.30	0.3045	0	99.8	90	110	04/08/2025

Batch R363007 SampType: MS Units mg/L

SampID: 25040810-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.48	0.5000	0	96.6	85	115	04/08/2025

Batch R363007 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25040810-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.48	0.5000	0	96.2	0.4830	0.41	04/08/2025

Batch R363064 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	04/09/2025
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	04/09/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch R363064		SampType: LCS		Units mg/L						
SampID: LCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.32	0.3045	0	104.4	90	110	04/09/2025
Nitrogen, Nitrite (as N)		0.05		0.31	0.3045	0	101.5	90	110	04/09/2025

Batch R363064		SampType: MS		Units mg/L						
SampID: 25040980-005FMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.49	0.5000	0	97.8	85	115	04/09/2025

Batch R363064		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040980-005FMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.48	0.5000	0	97.0	0.4890	0.82	04/09/2025

Batch R363064		SampType: MS		Units mg/L							
SampID: 25040982-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.48	0.5000	0	95.4	85	115	04/09/2025	

Batch R363064		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040982-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.48	0.5000	0	96.0	0.4770	0.63	04/09/2025

Batch R363064		SampType: MS		Units mg/L							
SampID: 25040994-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.25		2.16	2.500	0	86.4	85	115	04/09/2025	

Batch R363064		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040994-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.25		2.16	2.500	0	86.6	2.160	0.23	04/09/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch R363049 SampType: MS Units mg/L

SampID: 25031355-025BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.321	0.2500	0.05700	105.6	85	115	04/08/2025

Batch R363049 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25031355-025BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.313	0.2500	0.05700	102.4	0.3210	2.52	04/08/2025

Batch R363049 SampType: MS Units mg/L

SampID: 25031355-038BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.370	0.2500	0.09800	108.8	85	115	04/08/2025

Batch R363049 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25031355-038BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.359	0.2500	0.09800	104.4	0.3700	3.02	04/08/2025

Batch R363049 SampType: MS Units mg/L

SampID: 25031355-042BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.249	0.2500	0	99.6	85	115	04/08/2025

Batch R363049 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25031355-042BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.254	0.2500	0	101.6	0.2490	1.99	04/08/2025

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

Batch R362843 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	04/03/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch R362843		SampType: MBLK		Units mg/L							
SampID: MBLK-236963											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Nitrogen, Nitrate-Nitrite (as N)	*	0.050		< 0.050	0.0090	0	0	-100	100	04/04/2025	

Batch R362843		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		0.526	0.5000	0	105.2	90	110	04/03/2025	

Batch R362843		SampType: MS		Units mg/L							
SampID: 25031355-068AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.498	0.2500	0.2450	101.2	85	115	04/03/2025	

Batch R362843		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25031355-068AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.496	0.2500	0.2450	100.4	0.4980	0.40	04/03/2025

Batch R362843		SampType: MS		Units mg/L						
SampID: 25031355-071CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.251	0.2500	0	100.4	85	115	04/03/2025

Batch R362843		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25031355-071CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.251	0.2500	0	100.4	0.2510	0.00	04/03/2025	

Batch R362843		SampType: MS		Units mg/L							
SampID: 25040165-004AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)	*	0.250	H	2.19	1.250	0.9070	102.6	90	110	04/04/2025	

Batch R362843		SampType: MSD		Units mg/L					RPD Limit 10		
SampID: 25040165-004AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		*	0.250	H	2.22	1.250	0.9070	104.7	2.189	1.23	04/04/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch R362843		SampType: MS		Units mg/L							
SampID: 25040411-002AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.500		6.45	2.500	3.788	106.3	90	110	04/03/2025	

Batch R362843		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040411-002AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.500		6.23	2.500	3.788	97.8	6.446	3.38	04/03/2025

Batch R362843		SampType: MS		Units mg/L							
SampID: 25040440-002CMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.100		1.23	0.5000	0.6950	106.6	90	110	04/03/2025	

Batch R362843		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040440-002CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.100		1.23	0.5000	0.6950	106.6	1.228	0.00	04/03/2025

Batch R362843		SampType: MS		Units mg/L							
SampID: 25040476-004DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		2.50		27.0	12.50	14.00	104.1	90	110	04/03/2025	

Batch R362843		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040476-004DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			2.50		26.9	12.50	14.00	103.2	27.00	0.42	04/03/2025

Batch R363049		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	04/08/2025	

Batch R363049		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		0.527	0.5000	0	105.4	90	110	04/08/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch R363049		SampType: MS		Units mg/L							Date
SampID: 25040750-006BMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		1.00		17.7	5.000	12.52	103.4	90	110	04/08/2025	

Batch R363049		SampType: MSD		Units mg/L							RPD Limit 10	Date
SampID: 25040750-006BMSD											Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Nitrogen, Nitrate-Nitrite (as N)		1.00		18.0	5.000	12.52	108.7	17.69	1.50	04/08/2025		

Batch R363049		SampType: MS		Units mg/L							Date
SampID: 25040850-001AMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		1.00		12.4	5.000	7.622	94.8	90	110	04/08/2025	

Batch R363049		SampType: MSD		Units mg/L							RPD Limit 10	Date
SampID: 25040850-001AMSD											Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Nitrogen, Nitrate-Nitrite (as N)		1.00		12.6	5.000	7.622	100.5	12.36	2.28	04/08/2025		

Batch R363049		SampType: DUP		Units mg/L							RPD Limit 10	Date
SampID: 25040810-001ADUP											Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Nitrogen, Nitrate-Nitrite (as N)		1.00		5.45				5.401	0.90	04/08/2025		

Batch R363135		SampType: MBLK		Units mg/L							Date
SampID: ICB/MBLK											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	04/09/2025	

Batch R363135		SampType: LCS		Units mg/L							Date
SampID: ICV/LCS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.524	0.5000	0	104.8	90	110	04/09/2025	

Batch R363135		SampType: MS		Units mg/L							Date
SampID: 25040982-001AMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		1.00		18.1	5.000	13.50	92.7	90	110	04/09/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch R363135		SampType: MSD		Units mg/L			RPD Limit 10				
SampID: 25040982-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			1.00		18.6	5.000	13.50	102.1	18.14	2.56	04/10/2025

Batch R363135		SampType: MS		Units mg/L							
SampID: 25041032-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.500		8.50	2.500	5.901	103.8	90	110	04/10/2025	

Batch R363135		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25041032-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.500		8.45	2.500	5.901	102.1	8.496	0.50	04/10/2025

Batch R363194		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	04/10/2025	

Batch R363194		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		0.534	0.5000	0	106.8	90	110	04/10/2025

Batch R363194		SampType: MS		Units mg/L							
SampID: 25040555-003AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.500		4.02	2.500	1.516	100.2	90	110	04/10/2025	

Batch R363194		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040555-003AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.500		4.03	2.500	1.516	100.6	4.020	0.25	04/10/2025

Batch R363194		SampType: MS		Units mg/L							
SampID: 25040609-003CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.250		2.63	1.250	1.371	100.8	90	110	04/10/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch R363194		SampType: MSD		Units mg/L					RPD Limit 10		Date Analyzed
SampID: 25040609-003CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Nitrate-Nitrite (as N)			0.250		2.61	1.250	1.371	99.0	2.631	0.88	04/10/2025

Batch R363194		SampType: MS		Units mg/L							
SampID: 25040654-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.100		0.870	0.5000	0.3400	106.0	90	110	04/10/2025	

Batch R363194		SampType:	MSD		Units mg/L				RPD Limit 10			
SampID: 25040654-001AMSD												
Analyses			Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)				0.100		0.882	0.5000	0.3400	108.4	0.8700	1.37	04/10/2025

Batch R363194		SampType: MS		Units mg/L							
SampID: 25040691-001DMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			2.50		23.7	12.50	11.46	97.9	90	110	04/10/2025

Batch	R363194	SampType:	MSD	Units						mg/L	RPD Limit		10
SampID: 25040691-001DMSD													Date Analyzed
Analyses			Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)				2.50		24.7	12.50	11.46	105.8	23.70	4.06	04/10/2025	

Batch R363194		SampType: MS		Units mg/L							
SampID: 25041084-001AMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.498	0.2500	0.2370	104.4	90	110	04/10/2025

Batch	R363194	SampType:	MSD	Units					mg/L			RPD Limit			10
SampID: 25041084-001AMSD															Date
Analyses			Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD				Analyzed
Nitrogen, Nitrate-Nitrite (as N)				0.050		0.497	0.2500	0.2370	104.0	0.4980	0.20				04/10/2025

Batch R363194		SampType: MS		Units mg/L							
SampID: 25041092-001AMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.250		3.41	1.250	2.111	103.9	90	110	04/10/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch	R363194	SampType:	MSD	Units	mg/L	RPD Limit	10					Date Analyzed
SampID: 25041092-001AMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)			0.250		3.36	1.250	2.111	100.1	3.410	1.42		04/10/2025

Batch	R363194	SampType:	MS	Units	mg/L							Date Analyzed
SampID: 25041121-004AMS												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)			0.250		3.84	1.250	2.639	95.8	90	110		04/10/2025

Batch	R363194	SampType:	MSD	Units	mg/L	RPD Limit	10					Date Analyzed
SampID: 25041121-004AMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)			0.250		3.81	1.250	2.639	93.7	3.837	0.71		04/10/2025

STANDARD METHODS 5210 B 2001, 2011

Batch	237065	SampType:	LCS	Units	mg/L							Date Analyzed
SampID: LCS-BOD-1-040425												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Biochemical Oxygen Demand			100		176	198.0	0	88.9	84.6	115.4		04/04/2025

Batch	237065	SampType:	DUP	Units	mg/L	RPD Limit	40					Date Analyzed
SampID: 25040512-001ADUP												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Biochemical Oxygen Demand			10		< 10				0	0.00		04/04/2025

Batch	237065	SampType:	DUP	Units	mg/L	RPD Limit	40					Date Analyzed
SampID: 25040573-001ADUP												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Biochemical Oxygen Demand			10		23				25.00	8.33		04/04/2025

Batch	237211	SampType:	LCS	Units	mg/L							Date Analyzed
SampID: LCS-BOD-1-040825												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Biochemical Oxygen Demand			100		194	198.0	0	98.0	84.6	115.4		04/08/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

STANDARD METHODS 5210 B 2001, 2011

Batch 237211		SampType: DUP		Units mg/L				RPD Limit 40			Date Analyzed
SampID: 25040808-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Biochemical Oxygen Demand			10		43				37.00	15.00	04/08/2025

Batch 237211		SampType: DUP		Units mg/L				RPD Limit 40			
SampID: 25040834-002ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Biochemical Oxygen Demand			10		34				37.00	8.45	04/08/2025

Batch 237290		SampType: LCS		Units mg/L							
SampID: LCS-BOD-1-040925											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Biochemical Oxygen Demand		100		190	198.0	0	96.0	84.6	115.4	04/09/2025	

Batch 237290		SampType: DUP		Units mg/L				RPD Limit 40			
SampID: 25040913-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Biochemical Oxygen Demand			6		< 6				0	0.00	04/09/2025

STANDARD METHODS 5220 D (TOTAL) 1997, 2011

Batch R362865		SampType: MBLK		Units mg/L							
SampID: MBLK											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chemical Oxygen Demand		50		< 50	17.00	0	0	-100	100	04/04/2025	

Batch R362865		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chemical Oxygen Demand		50		218	219.0	0	99.4	90	110	04/04/2025	

Batch R362865		SampType: MS		Units mg/L							
SampID: 25040446-001DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chemical Oxygen Demand		100		1020	1000	0	102.5	90	110	04/04/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

STANDARD METHODS 5220 D (TOTAL) 1997, 2011

Batch R362865		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040446-001DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand			100		1020	1000	0	102.0	1025	0.43	04/04/2025

Batch R362865		SampType: MS		Units mg/L							
SampID: 25040446-006DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chemical Oxygen Demand		100		1060	1000	0	105.5	90	110	04/04/2025	

Batch R362865		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 25040446-006DMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Chemical Oxygen Demand			100		1020	1000	0	102.0	1055	3.39	04/04/2025	

Batch R362865		SampType: MS		Units mg/L							
SampID: 25040446-014CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chemical Oxygen Demand		100		1030	1000	0	103.3	90	110	04/04/2025	

Batch R362865		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 25040446-014CMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Chemical Oxygen Demand			100		1040	1000	0	103.8	1033	0.42	04/04/2025	

Batch R362865		SampType: MS		Units mg/L							
SampID: 25040468-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chemical Oxygen Demand		100		1050	1000	0	104.7	90	110	04/04/2025	

Batch R362865		SampType: MSD		Units mg/L		RPD Limit 10					
SampID: 25040468-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand			100		1040	1000	0	103.8	1047	0.84	04/04/2025

Batch R362865		SampType: MS		Units mg/L							
SampID: 25040489-004DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chemical Oxygen Demand		100		1040	1000	0	103.8	85	115	04/04/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

STANDARD METHODS 5220 D (TOTAL) 1997, 2011

Batch R362865		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040489-004DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand			100		1040	1000	0	104.2	1038	0.42	04/04/2025

Batch R362963		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand			50		< 50	17.00	0	0	-100	100	04/07/2025

Batch R362963		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand			50		213	219.0	0	97.4	90	110	04/07/2025

Batch R362963		SampType: MS		Units mg/L							
SampID: 25040465-001HMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chemical Oxygen Demand		100		1040	1000	19.79	102.2	85	115	04/07/2025	

Batch R362963		SampType:	MSD		Units mg/L				RPD Limit 10			
SampID: 25040465-001HMSD												
Analyses			Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand				100		1020	1000	19.79	100.0	1042	2.13	04/07/2025

Batch R362963		SampType: MS		Units mg/L							
SampID: 25040483-002DMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand			100		1070	1000	32.98	104.0	90	110	04/07/2025

Batch R362963		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040483-002DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand			100		1050	1000	32.98	101.4	1073	2.49	04/07/2025

Batch R362963		SampType: MS		Units mg/L							
SampID: 25040624-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chemical Oxygen Demand		100		1020	1000	24.19	100.0	90	110	04/07/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

STANDARD METHODS 5220 D (TOTAL) 1997, 2011

Batch R362963		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 25040624-001CMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Chemical Oxygen Demand			100		1030	1000	24.19	100.9	1025	0.85	04/07/2025	

Batch R362963		SampType: MS		Units mg/L							
SampID: 25040635-002CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chemical Oxygen Demand		100		1060	1000	24.19	104.0	90	110	04/07/2025	

Batch R362963		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 25040635-002CMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Chemical Oxygen Demand			100		1040	1000	24.19	101.4	1064	2.51	04/07/2025	

Batch R362963		SampType: MS		Units mg/L							
SampID: 25040637-002GMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chemical Oxygen Demand		100		1090	1000	76.96	101.8	85	115	04/07/2025	

Batch R362963		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040637-002GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand			100		1170	1000	76.96	109.3	1095	6.60	04/07/2025

Batch R362963		SampType: MS		Units mg/L							
SampID: 25040638-002HMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chemical Oxygen Demand		100		1090	1000	61.57	103.3	85	115	04/07/2025	

Batch R362963		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040638-002HMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand			100		1110	1000	61.57	104.7	1095	1.20	04/07/2025

Batch R362988		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand			50		< 50	17.00	0	0	-100	100	04/08/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

STANDARD METHODS 5220 D (TOTAL) 1997, 2011

Batch R362988 SampType: LCS Units mg/L

SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		50		202	219.0	0	92.4	90	110	04/08/2025

Batch R362988 SampType: MS Units mg/L

SampID: 25040689-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		1000	1000	0	100.3	90	110	04/08/2025

Batch R362988 SampType: MSD Units mg/L

SampID: 25040689-001BMSD

RPD Limit 10

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		989	1000	0	98.9	1003	1.32	04/08/2025

Batch R363129 SampType: MBLK Units mg/L

SampID: MBLK

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		50		< 50	17.00	0	0	-100	100	04/10/2025

Batch R363129 SampType: LCS Units mg/L

SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		50		222	219.0	0	101.4	90	110	04/10/2025

Batch R363129 SampType: MS Units mg/L

SampID: 25040804-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		1140	1000	129.7	100.9	90	110	04/10/2025

Batch R363129 SampType: MSD Units mg/L

SampID: 25040804-001CMSD

RPD Limit 10

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		1150	1000	129.7	101.8	1139	0.77	04/10/2025

Batch R363129 SampType: MS Units mg/L

SampID: 25040821-001CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		1090	1000	74.76	101.6	90	110	04/10/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

STANDARD METHODS 5220 D (TOTAL) 1997, 2011

Batch R363129		SampType: MSD		Units mg/L				RPD Limit 10		
SampID: 25040821-001CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		1070	1000	74.76	99.8	1091	1.63	04/10/2025

Batch R363129		SampType: MS		Units mg/L							
SampID: 25040844-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chemical Oxygen Demand		100		1080	1000	41.78	103.6	85	115	04/10/2025	

Batch R363129		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25040844-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Chemical Oxygen Demand			100		1080	1000	41.78	104.0	1077	0.41	04/10/2025

SW-846 1010A

Batch R363133		SampType: LCS		Units °F							
SampID: LCS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Ignitability, Closed Cup		60		82	81.00	0	101.2	97	103	04/10/2025	

Batch R363133		SampType: DUP		Units °F				RPD Limit 5			Date Analyzed
SampID: 25031355-061BDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Ignitability, Closed Cup			60		>200				0	0.00	04/10/2025

SW-846 9012A (TOTAL)

Batch 237106		SampType: MBLK		Units mg/L							
SampID: MBLK 250404 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	04/07/2025	

Batch 237106		SampType: LCS		Units mg/L							
SampID: LCS 250404 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	105.8	90	110	04/07/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW-846 9012A (TOTAL)

Batch 237106		SampType: MS		Units mg/L							
SampID: 25040391-001CMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.025		0.140	0.1250	0.01003	103.6	90	110	04/07/2025	

Batch 237106		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040391-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide			0.025		0.137	0.1250	0.01003	102.0	0.1395	1.48	04/07/2025

Batch 237107		SampType: MBLK		Units mg/L							
SampID: MBLK 250404 TCN2											
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	04/07/2025	

Batch 237107		SampType: LCS		Units mg/L							
SampID: LCS 250404 TCN2											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.026	0.0250	0	103.8	85	115	04/07/2025	

Batch 237107		SampType: MS		Units mg/L							
SampID: 25031355-062HMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.026	0.0250	0	105.4	75	125	04/07/2025	

Batch 237107		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25031355-062HMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide		0.005		0.025	0.0250	0	102.0	0.02634	3.28	04/07/2025	

Batch 237181		SampType: MBLK		Units mg/L							
SampID: MBLK 250407 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	04/08/2025	

Batch 237181		SampType: LCS		Units mg/L							
SampID: LCS 250407 TCN1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.025	0.0250	0	101.6	90	110	04/08/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW-846 9012A (TOTAL)

Batch 237182		SampType: MBLK		Units mg/L							
SampID: MBLK 250407 TCN2											
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	04/08/2025	

Batch 237182		SampType: LCS		Units mg/L							
SampID: LCS 250407 TCN2											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.025	0.0250	0	99.5	90	110	04/08/2025	

Batch 237182		SampType: MS		Units mg/L							
SampID: 25040591-008EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.024	0.0250	0	94.8	75	125	04/08/2025	

Batch 237182		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040591-008EMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide		0.005		0.025	0.0250	0	100.1	0.02370	5.50	04/08/2025	

Batch 237182		SampType: MS		Units mg/L							
SampID: 25040716-002AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.025	0.0250	0	101.6	90	110	04/08/2025	

Batch 237182		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040716-002AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide			0.005		0.025	0.0250	0	100.7	0.02539	0.85	04/08/2025

Batch 237265		SampType: MBLK		Units mg/L							
SampID: MBLK 250408 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	04/09/2025	

Batch 237265		SampType: LCS		Units mg/L							
SampID: LCS 250408 TCN1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.025	0.0250	0	101.7	90	110	04/09/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW-846 9012A (TOTAL)

Batch 237265		SampType: MS		Units mg/L						
SampID: 25040432-001BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		0.028	0.0250	0.004430	92.6	90	110	04/09/2025

Batch 237265		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040432-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide			0.005		0.027	0.0250	0.004430	91.9	0.02759	0.65	04/09/2025

Batch 237427		SampType: MBLK		Units mg/L							
SampID: MBLK 250411 TCN2											
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	04/15/2025	

Batch 237717		SampType: MBLK		Units mg/L							
SampID: MBLK 250416 TCN2											
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	04/17/2025	

Batch 237717		SampType: LCS		Units mg/L						
SampID: LCS2 250416 TCN2										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide		0.005		0.024	0.0250	0	96.9	90	110	04/17/2025

Batch 237717		SampType: MS		Units mg/L							
SampID: 25040753-003EMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Cyanide		0.005	H	0.024	0.0250	0	96.0	75	125	04/17/2025	

Batch 237717		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040753-003EMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide		0.005	H	0.024	0.0250	0	96.7	0.02399	0.79	04/17/2025	

Batch 237717		SampType: MS		Units mg/L							
SampID: 25041463-006EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.025	0.0250	0	99.4	75	125	04/17/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW-846 9012A (TOTAL)

Batch 237717		SampType: MSD		Units mg/L				RPD Limit 15			Date Analyzed
SampID: 25041463-006EMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide		0.005		0.024	0.0250	0	95.9	0.02486	3.60	04/17/2025	

SW-846 9014 (REACTIVE)

Batch 237349		SampType: MBLK		Units mg/Kg							
SampID: MBLK 250409 RCN-1											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide, Reactive		2.50		< 2.50	1.790	0	0	-100	100	04/10/2025	

Batch 237349		SampType: LCS		Units mg/Kg							
SampID: LCS 250409 RCN-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide, Reactive		5.00		9.35	10.00	0	93.5	38.7	116	04/10/2025	

Batch 237349		SampType: DUP		Units mg/Kg				RPD Limit 15			
SampID: 25040630-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide, Reactive			2.50		< 2.50				0	0.00	04/10/2025

Batch 237525		SampType: MBLK		Units mg/Kg							
SampID: MBLK 250414 RCN-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide, Reactive		2.50		< 2.50	1.790	0	0	-100	100	04/14/2025	

Batch 237525		SampType: LCS		Units mg/Kg							
SampID: LCS 250414 RCN-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide, Reactive		5.00		6.05	10.00	0	60.5	38.7	116	04/14/2025	

Batch 237525		SampType: DUP		Units mg/Kg				RPD Limit 15			
SampID: 25041031-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide, Reactive			2.42		< 2.42				0	0.00	04/14/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW-846 9034 (REACTIVE)

Batch 237306		SampType: MBLK		Units mg/Kg							
SampID: MBLK 250409 RSUL-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfide, Reactive		10.0		< 10.0	7.400	0	0	-100	100	04/09/2025	

Batch 237306		SampType: LCS		Units mg/Kg						
SampID: LCS 250409 RSUL-1										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Sulfide, Reactive		10.0		101	100.0	0	100.8	47.3	109	04/09/2025

Batch 237306		SampType: DUP		Units mg/Kg				RPD Limit 15			Date Analyzed
SampID: 25040630-001ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Sulfide, Reactive		10.0		< 10.0				0	0.00	04/09/2025	

Batch 237526		SampType: MBLK		Units mg/Kg							
SampID: MBLK 250414 RSUL-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfide, Reactive		10.0		< 10.0	7.400	0	0	-100	100	04/14/2025	

Batch 237526		SampType: LCS		Units mg/Kg							
SampID: LCS 250414 RSUL-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Sulfide, Reactive		10.0		83.2	100.0	0	83.2	47.3	109	04/14/2025	

Batch 237526		SampType: DUP		Units mg/Kg				RPD Limit 15				Date Analyzed
SampID: 25041031-001ADUP												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Sulfide, Reactive		9.7		48.7				49.26	1.05	04/14/2025		

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R362911		SampType: MS		Units mg/L						
SampID: 25031355-002EMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		289	200.0	73.69	107.6	80	120	04/05/2025
Sulfate		10.0		311	200.0	119.5	96.0	80	120	04/05/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R362911		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25031355-002EMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			5.00		290	200.0	73.69	108.0	288.9	0.25	04/05/2025
Sulfate			10.0		312	200.0	119.5	96.2	311.5	0.13	04/05/2025

Batch R362911		SampType: MS		Units mg/L						
SampID: 25031355-049CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		278	200.0	63.16	107.2	80	120	04/05/2025
Sulfate		10.0		407	200.0	210.1	98.5	80	120	04/05/2025

Batch R362911		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25031355-049CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			5.00		279	200.0	63.16	108.0	277.5	0.59	04/05/2025
Sulfate			10.0		407	200.0	210.1	98.6	407.1	0.07	04/05/2025

Batch R362911		SampType: MS		Units mg/L						
SampID: 25031355-074BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.4	10.00	0.3880	99.9	80	120	04/05/2025
Chloride		5.00		252	200.0	39.58	106.4	80	120	04/05/2025
Sulfate		10.0		216	200.0	28.91	93.4	80	120	04/05/2025

Batch R362911		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25031355-074BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.5	10.00	0.3880	100.7	10.38	0.72	04/05/2025
Chloride			5.00		254	200.0	39.58	107.1	252.3	0.57	04/05/2025
Sulfate			10.0		217	200.0	28.91	94.3	215.8	0.77	04/05/2025

Batch R362989		SampType: MS		Units mg/L							
SampID: 25031355-048CMS											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Chloride			5.00		229	200.0	21.82	103.4	80	120	04/09/2025
Sulfate			10.0		521	200.0	320.3	100.3	80	120	04/09/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R362989		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25031355-048CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			5.00		229	200.0	21.82	103.5	228.6	0.10	04/09/2025
Sulfate			10.0		520	200.0	320.3	99.7	520.9	0.22	04/09/2025

Batch R362989		SampType: MS		Units mg/L						
SampID: 25040591-003CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.25		5.19	5.000	0.2475	98.8	80	120	04/08/2025
Chloride		2.50		108	100.0	2.762	105.1	80	120	04/08/2025
Sulfate		5.00		94.3	100.0	0.5595	93.8	80	120	04/08/2025

Batch R362989		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25040591-003CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.25		5.23	5.000	0.2475	99.7	5.186	0.91	04/08/2025
Chloride		2.50		108	100.0	2.762	105.3	107.8	0.23	04/08/2025
Sulfate		5.00		94.4	100.0	0.5595	93.8	94.35	0.06	04/08/2025

Batch R362989		SampType: MS		Units mg/L						
SampID: 25040772-007DMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.25		5.24	5.000	0.2795	99.1	80	120	04/09/2025
Chloride		2.50		107	100.0	3.512	103.0	80	120	04/09/2025
Sulfate		5.00		96.2	100.0	4.187	92.0	80	120	04/09/2025

Batch R362989		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040772-007DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.25		5.26	5.000	0.2795	99.7	5.236	0.51	04/09/2025
Chloride			2.50		107	100.0	3.512	103.5	106.5	0.40	04/09/2025
Sulfate			5.00		96.6	100.0	4.187	92.4	96.20	0.37	04/09/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R362989		SampType: MS		Units mg/L						
SampID: 25040807-002CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.25		5.24	5.000	0.3225	98.4	80	120	04/09/2025
Chloride		2.50		123	100.0	16.95	105.7	80	120	04/09/2025
Sulfate		5.00		92.8	100.0	0.7905	92.0	80	120	04/09/2025

Batch R362989		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25040807-002CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Fluoride			0.25		5.24	5.000	0.3225	98.4	5.242	0.03	04/09/2025
Chloride			2.50		123	100.0	16.95	106.3	122.7	0.52	04/09/2025
Sulfate			5.00		93.1	100.0	0.7905	92.3	92.79	0.34	04/09/2025

Batch R363116		SampType: MS		Units mg/L						
SampID: 25040980-002GMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		0.55		95.8	22.00	73.49	101.5	80	120	04/10/2025
Sulfate		1.10		347	22.00	325.5	98.8	80	120	04/10/2025

Batch R363116		SampType: MSD		Units mg/L						RPD Limit 15	
SampID: 25040980-002GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			0.55		96.1	22.00	73.49	102.9	95.83	0.33	04/10/2025
Sulfate			1.10		347	22.00	325.5	99.8	347.3	0.06	04/10/2025

Batch R363116		SampType: MS		Units mg/L						
SampID: 25040991-003DMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.25		4.89	5.000	0.06200	96.5	80	120	04/10/2025
Chloride		2.50		104	100.0	1.084	102.8	80	120	04/10/2025
Sulfate		5.00		92.2	100.0	0	92.2	80	120	04/10/2025

Batch R363116		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040991-003DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.25		4.93	5.000	0.06200	97.4	4.886	0.91	04/10/2025
Chloride			2.50		105	100.0	1.084	103.6	103.9	0.78	04/10/2025
Sulfate			5.00		92.8	100.0	0	92.8	92.16	0.64	04/10/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R363116		SampType: MS		Units mg/L							
SampID: 25041008-001BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.06		1.46	1.100	0.4157	95.1	80	120	04/10/2025	
Chloride		0.55		21.5	22.00	0.7195	94.7	80	120	04/10/2025	
Sulfate		1.10		18.7	22.00	0.1165	84.5	80	120	04/10/2025	

Batch R363116		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25041008-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Fluoride			0.06		1.47	1.100	0.4157	95.6	1.462	0.38	
Chloride			0.55		21.6	22.00	0.7195	94.9	21.55	0.28	
Sulfate			1.10		18.8	22.00	0.1165	84.8	18.71	0.30	

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R362911		SampType: MBLK		Units mg/L						
SampID: MBLK/ICB										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		ND	0.0040	0	0	0	100	04/04/2025
Chloride		0.50		ND	0.1000	0	0	0	100	04/04/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	04/04/2025

Batch R362911		SampType: MBLK		Units mg/L							
SampID: MBLK-236963											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride	*	0.05	J	0						04/04/2025	
Chloride	*	0.50		ND						04/04/2025	
Sulfate	*	1.00	J	0.13						04/04/2025	

Batch R362911		SampType: LCS		Units mg/L							
SampID: LCS/ICV/QCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.05		0.94	1.000	0	94.4	90	110	04/04/2025	
Chloride		0.50		20.2	20.00	0	100.8	90	110	04/04/2025	
Sulfate		1.00		18.2	20.00	0	90.9	90	110	04/04/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R362911		SampType: MS		Units mg/L						
SampID: 25031355-005AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.0	10.00	0.1510	98.9	80	120	04/05/2025
Chloride		5.00		217	200.0	8.337	104.2	80	120	04/05/2025
Sulfate		10.0		302	200.0	107.8	97.0	80	120	04/05/2025

Batch R362911		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25031355-005AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Fluoride			0.50		9.94	10.00	0.1510	97.9	10.04	0.97	04/05/2025
Chloride			5.00		215	200.0	8.337	103.4	216.7	0.75	04/05/2025
Sulfate			10.0		299	200.0	107.8	95.6	301.9	0.97	04/05/2025

Batch R362911		SampType: MS		Units mg/L						
SampID: 25031355-019AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.7	10.00	0.7550	99.6	80	120	04/05/2025
Chloride		5.00		288	200.0	68.11	109.8	80	120	04/05/2025
Sulfate		10.0		189	200.0	1.897	93.3	80	120	04/05/2025

Batch R362911		SampType: MSD	Units mg/L						RPD Limit 15		
SampID: 25031355-019AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.6	10.00	0.7550	98.1	10.71	1.39	04/05/2025
Chloride			5.00		289	200.0	68.11	110.5	287.8	0.47	04/05/2025
Sulfate			10.0		187	200.0	1.897	92.6	188.5	0.74	04/05/2025

Batch R362911		SampType: MS		Units mg/L							Date Analyzed
SampID: 25031355-021AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.50		10.4	10.00	0.6130	97.6	80	120		
Chloride		5.00		234	200.0	23.13	105.5	80	120		
Sulfate		10.0		235	200.0	46.04	94.5	80	120		



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R362911		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25031355-021AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.4	10.00	0.6130	97.9	10.37	0.35	04/05/2025
Chloride		5.00		234	200.0	23.13	105.5	234.2	0.07	04/05/2025
Sulfate		10.0		235	200.0	46.04	94.4	234.9	0.02	04/05/2025

Batch R362911		SampType: MS		Units mg/L						
SampID: 25031355-073AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.5	10.00	0.5320	99.9	80	120	04/05/2025
Chloride		5.00		232	200.0	23.12	104.6	80	120	04/05/2025
Sulfate		10.0		232	200.0	43.90	93.8	80	120	04/05/2025

Batch R362911		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25031355-073AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.6	10.00	0.5320	100.2	10.52	0.32	04/05/2025
Chloride			5.00		231	200.0	23.12	104.0	232.3	0.45	04/05/2025
Sulfate			10.0		231	200.0	43.90	93.4	231.6	0.40	04/05/2025

Batch R362911		SampType: MS		Units mg/L						
SampID: 25040425-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.1	10.00	0.5550	95.5	80	120	04/04/2025
Chloride		5.00		480	200.0	260.5	109.9	80	120	04/04/2025
Sulfate		10.0		250	200.0	62.61	93.6	80	120	04/04/2025

Batch R362911		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040425-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.0	10.00	0.5550	94.7	10.10	0.82	04/04/2025
Chloride			5.00		477	200.0	260.5	108.3	480.4	0.69	04/04/2025
Sulfate			10.0		247	200.0	62.61	92.1	249.8	1.20	04/04/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R362911		SampType: MS		Units mg/L							
SampID: 25040446-006AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.50		14.6	10.00	5.154	94.6	80	120	04/04/2025	
Chloride		5.00		310	200.0	98.60	105.6	80	120	04/04/2025	
Sulfate		10.0		337	200.0	149.0	93.8	80	120	04/04/2025	

Batch R362911		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040446-006AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		14.7	10.00	5.154	95.2	14.62	0.42	04/04/2025
Chloride			5.00		311	200.0	98.60	106.4	309.8	0.51	04/04/2025
Sulfate			10.0		337	200.0	149.0	93.9	336.6	0.07	04/04/2025

Batch R362911		SampType: MS		Units mg/L						
SampID: 25040465-001BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.8	10.00	0.7580	100.0	80	120	04/05/2025
Chloride		5.00		220	200.0	11.49	104.1	80	120	04/05/2025
Sulfate		10.0		300	200.0	105.5	97.2	80	120	04/05/2025

Batch R362911		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25040465-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.8	10.00	0.7580	100.2	10.75	0.21	04/05/2025
Chloride			5.00		220	200.0	11.49	104.5	219.8	0.31	04/05/2025
Sulfate			10.0		300	200.0	105.5	97.1	299.9	0.12	04/05/2025

Batch R362989		SampType: MBLK		Units mg/L						
SampID: MBLK/ICB										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		ND	0.0040	0	0	0	100	04/08/2025
Chloride		0.50		ND	0.1000	0	0	0	100	04/08/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	04/08/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R362989		SampType: LCS		Units mg/L						
SampID: LCS/ICV/QCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		0.96	1.000	0	96.4	90	110	04/08/2025
Chloride		0.50		20.3	20.00	0	101.5	90	110	04/08/2025
Sulfate		1.00		18.2	20.00	0	91.2	90	110	04/08/2025

Batch R362989		SampType: MS		Units mg/L						
SampID: 25040599-001BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		50.0		2120	2000	29.15	104.5	80	120	04/08/2025
Sulfate		100		2090	2000	210.9	94.2	80	120	04/08/2025

Batch R362989		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25040599-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			50.0		2120	2000	29.15	104.6	2120	0.09	04/08/2025
Sulfate			100		2100	2000	210.9	94.5	2095	0.27	04/08/2025

Batch R362989		SampType: MS		Units mg/L							Date Analyzed
SampID: 25040617-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		50.0		6340	2000	4019	115.9	80	120	04/08/2025	
Sulfate		100		6170	2000	4054	105.6	80	120	04/08/2025	

Batch R362989		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25040617-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			50.0		6370	2000	4019	117.8	6336	0.60	04/08/2025
Sulfate			100		6210	2000	4054	108.0	6167	0.75	04/08/2025

Batch R362989		SampType: MS		Units mg/L							Date Analyzed
SampID: 25040637-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.50		10.4	10.00	0	104.2	80	120	04/08/2025	
Chloride		5.00		263	200.0	41.25	110.7	80	120	04/08/2025	
Sulfate		10.0		235	200.0	40.42	97.1	80	120	04/08/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R362989		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25040637-001BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.3	10.00	0	103.3	10.42	0.95	04/08/2025
Chloride		5.00		262	200.0	41.25	110.1	262.7	0.44	04/08/2025
Sulfate		10.0		234	200.0	40.42	96.7	234.7	0.38	04/08/2025

Batch R362989		SampType: MS		Units mg/L							Date Analyzed
SampID: 25040638-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.50		10.4	10.00	0.05200	103.7	80	120		
Chloride		5.00		218	200.0	4.126	106.9	80	120		
Sulfate		10.0		199	200.0	8.061	95.5	80	120		

Batch R362989		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25040638-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Fluoride			0.50		10.3	10.00	0.05200	102.3	10.42	1.39	
Chloride			5.00		215	200.0	4.126	105.4	218.0	1.40	
Sulfate			10.0		197	200.0	8.061	94.3	199.0	1.17	

Batch R362989		SampType: MS		Units mg/L						
SampID: 25040695-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.86	10.00	0.1110	97.5	80	120	04/08/2025
Chloride		5.00		223	200.0	16.97	103.1	80	120	04/08/2025
Sulfate		10.0		190	200.0	7.587	91.2	80	120	04/08/2025

Batch R362989		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25040695-001AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		9.80	10.00	0.1110	96.9	9.864	0.60	04/08/2025
Chloride		5.00		223	200.0	16.97	103.1	223.2	0.00	04/08/2025
Sulfate		10.0		190	200.0	7.587	91.0	189.9	0.22	04/08/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R362989		SampType: MS		Units mg/L						
SampID: 25040742-001CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.83	10.00	0	98.3	80	120	04/08/2025
Chloride		5.00		204	200.0	1.256	101.2	80	120	04/08/2025
Sulfate		10.0		230	200.0	44.03	92.8	80	120	04/08/2025

Batch R362989		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040742-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		9.80	10.00	0	98.0	9.833	0.30	04/08/2025
Chloride			5.00		203	200.0	1.256	101.1	203.6	0.03	04/08/2025
Sulfate			10.0		229	200.0	44.03	92.7	229.6	0.05	04/08/2025

Batch R363107		SampType: MBLK		Units mg/L						
SampID: MBLK/ICB										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		ND	0.0040	0	0	0	100	04/09/2025
Chloride		0.50		ND	0.1000	0	0	0	100	04/09/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	04/09/2025

Batch R363107		SampType: LCS		Units mg/L						
SampID: LCS/ICV/QCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		0.99	1.000	0	98.8	90	110	04/09/2025
Chloride		0.50		20.3	20.00	0	101.5	90	110	04/09/2025
Sulfate		1.00		18.3	20.00	0	91.3	90	110	04/09/2025

Batch R363107		SampType: MS		Units mg/L							
SampID: 25040824-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		50.0		5150	2000	2866	114.3	80	120	04/09/2025	
Sulfate		100		4010	2000	1999	100.4	80	120	04/09/2025	

Batch R363107		SampType: MSD		Units mg/L						RPD Limit 15	
SampID: 25040824-001AMSD											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Chloride			50.0		5160	2000	2866	114.8	5152	0.17	
Sulfate			100		4000	2000	1999	100.2	4006	0.09	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R363107		SampType: MS		Units mg/L						
SampID: 25040856-002AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.2	10.00	0.2440	99.3	80	120	04/09/2025
Chloride		5.00		299	200.0	79.02	109.7	80	120	04/09/2025
Sulfate		10.0		225	200.0	35.72	94.6	80	120	04/09/2025

Batch R363107		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25040856-002AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.1	10.00	0.2440	98.1	10.17	1.16	04/09/2025
Chloride			5.00		295	200.0	79.02	108.0	298.5	1.17	04/09/2025
Sulfate			10.0		222	200.0	35.72	93.3	224.8	1.08	04/09/2025

Batch R363107		SampType: MS		Units mg/L						
SampID: 25040864-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.1	10.00	0.2650	97.9	80	120	04/09/2025
Chloride		5.00		228	200.0	18.83	104.8	80	120	04/09/2025
Sulfate		10.0		580	200.0	375.9	102.1	80	120	04/09/2025

Batch R363107		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040864-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.1	10.00	0.2650	98.2	10.05	0.38	04/09/2025
Chloride			5.00		229	200.0	18.83	105.0	228.4	0.18	04/09/2025
Sulfate			10.0		578	200.0	375.9	101.2	580.0	0.31	04/09/2025

Batch R363107		SampType: MS		Units mg/L						
SampID: 25040954-001CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.6	10.00	0.7220	98.5	80	120	04/09/2025
Chloride		5.00		442	200.0	216.4	112.6	80	120	04/09/2025
Sulfate		10.0		622	200.0	418.4	102.0	80	120	04/09/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R363107		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25040954-001CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.7	10.00	0.7220	99.7	10.58	1.07	04/09/2025
Chloride		5.00		444	200.0	216.4	114.0	441.6	0.61	04/09/2025
Sulfate		10.0		624	200.0	418.4	102.9	622.5	0.27	04/09/2025

Batch R363116		SampType: MBLK		Units mg/L							
SampID: MBLK/ICB											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.05		ND	0.0040	0	0	0	100	04/10/2025	
Chloride		0.50		ND	0.1000	0	0	0	100	04/10/2025	
Sulfate		1.00		ND	0.0990	0	0	0	100	04/10/2025	

Batch R363116		SampType: LCS		Units mg/L							
SampID: LCS/ICV/QCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.05		0.94	1.000	0	94.0	90	110	04/10/2025	
Chloride		0.50		20.5	20.00	0	102.6	90	110	04/10/2025	
Sulfate		1.00		18.5	20.00	0	92.4	90	110	04/10/2025	

Batch R363116		SampType: MS		Units mg/L							
SampID: 25040980-002FMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		0.55		93.0	22.00	70.92	100.4	80	120	04/10/2025	
Sulfate		1.10		384	22.00	362.1	100.3	80	120	04/10/2025	

Batch R363116		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040980-002FMSD											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Chloride			0.55		93.6	22.00	70.92	102.9	93.00	0.60	04/10/2025
Sulfate			1.10		384	22.00	362.1	99.5	384.2	0.04	04/10/2025

Batch R363116		SampType: MS		Units mg/L						
SampID: 25041002-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.1	10.00	0.2270	98.4	80	120	04/10/2025
Chloride		5.00		333	200.0	110.0	111.6	80	120	04/10/2025
Sulfate		10.0		1060	200.0	854.9	100.2	80	120	04/10/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R363116		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25041002-001AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.1	10.00	0.2270	98.9	10.06	0.57	04/10/2025
Chloride		5.00		333	200.0	110.0	111.7	333.1	0.04	04/10/2025
Sulfate		10.0		1050	200.0	854.9	95.8	1055	0.83	04/10/2025

Batch R363116		SampType: DUP		Units mg/L				RPD Limit 15			
SampID: 25031355-008ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			5.00		ND				0	0.00	04/10/2025
Chloride			50.0		176				175.6	0.11	04/10/2025
Sulfate			100		1900				1898	0.22	04/10/2025

SW-846 9060A

Batch R362844		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Total Organic Carbon (TOC)			1.0		< 1.0	0.4500	0	0	-100	100	04/04/2025

Batch R362844		SampType: LCS		Units mg/L							
SampID: ICV/LCS											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Total Organic Carbon (TOC)			1.0		4.7	5.000	0	94.6	90	110	04/04/2025

Batch R362844		SampType: MS		Units mg/L						
SampID: 25031355-064EMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		9.4	2.500	6.870	101.6	85	115	04/04/2025

Batch R362844		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25031355-064EMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		9.4	2.500	6.870	102.8	9.410	0.32	04/04/2025

Batch R362844		SampType: MS		Units mg/L						
SampID: 25040393-001EMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		6.8	2.500	4.490	90.8	85	115	04/04/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW-846 9060A

Batch R362844		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25040393-001EMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		6.8	2.500	4.490	90.8	6.760	0.00	04/04/2025

Batch R362844		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25040078-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		2.6				2.550	0.39	04/04/2025

Batch R362844		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25040078-002ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		5.5				5.420	1.47	04/04/2025

Batch R362844		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25040136-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		7.2				7.120	1.53	04/04/2025

Batch R362844		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25040136-002ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		3.0				3.010	2.01	04/04/2025

Batch R362844		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25040357-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		5.8				5.880	1.03	04/04/2025

Batch R362844		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25040357-002ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Organic Carbon (TOC)		1.0		2.2				2.230	0.45	04/04/2025	

Batch R362844		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25040393-001EDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		4.5				4.490	0.67	04/04/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW-846 9060A

Batch R362844		SampType: DUP		Units mg/L		RPD Limit 10					Date
SampID: 25040418-003ADUP											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)		5.0		11.6				11.95	2.89	04/04/2025	

Batch R363208		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	04/10/2025	

Batch R363208		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)			1.0		4.9	5.000	0	97.6	90	110	04/10/2025

Batch R363208		SampType: MS		Units mg/L							
SampID: 25031355-079KMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		2.6	2.500	0	104.0	85	115	04/10/2025	

Batch R363208		SampType: MSD		Units mg/L		RPD Limit 10					Date
SampID: 25031355-079KMSD											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)		1.0		2.6	2.500	0	103.6	2.600	0.39	04/10/2025	

Batch R363208		SampType: MS		Units mg/L							
SampID: 25040980-001KMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)			1.0		4.5	2.500	2.100	96.8	85	115	04/10/2025

Batch R363208		SampType: MSD		Units mg/L		RPD Limit 10					Date
SampID: 25040980-001KMSD											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)		1.0		4.5	2.500	2.100	95.6	4.520	0.67	04/10/2025	

Batch R363208		SampType: MS		Units mg/L							
SampID: 25041035-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		3.6	2.500	1.190	96.4	85	115	04/10/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW-846 9060A

Batch R363208		SampType: MSD		Units mg/L				RPD Limit 10		
SampleID: 25041035-001AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		3.6	2.500	1.190	97.2	3.600	0.55	04/10/2025

Batch R363208		SampType: DUP		Units mg/L				RPD Limit 10			
SampleID: 25040742-001HDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			10.0		10.6				10.13	4.25	04/10/2025

Batch R363208		SampType: DUP		Units mg/L				RPD Limit 10			
SampleID: 25041035-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		1.1				1.190	4.29	04/10/2025

Batch R363208		SampType: DUP		Units mg/L				RPD Limit 10			
SampleID: 25041035-002ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			20.0		22.8				22.76	0.13	04/10/2025

Batch R363208		SampType: DUP		Units mg/L				RPD Limit 10			
SampleID: 25041035-003ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		3.4				3.450	0.87	04/10/2025

Batch R363208		SampType: DUP		Units mg/L				RPD Limit 10			
SampleID: 25041035-004ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		5.6				5.620	0.00	04/10/2025

Batch R363208		SampType: DUP		Units mg/L				RPD Limit 10			
SampleID: 25041035-005ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			2.0		8.0				7.980	0.38	04/10/2025

Batch R363208		SampType: DUP		Units mg/L				RPD Limit 10			
SampleID: 25041035-006ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			2.0		11.4				11.41	0.09	04/10/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW-846 9060A

Batch R363208		SampType: DUP		Units mg/L				RPD Limit 10		
SampID: 25041035-007ADUP										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0		4.8				4.820	0.41	04/10/2025

Batch R363208		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25041035-008ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		4.5				4.560	1.32	04/10/2025

SW-846 9066 (TOTAL)

Batch	R362980	SampType:	MBLK	Units mg/L							
SampID: ICB/MBLK											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Phenols		0.005		< 0.005	0.0028	0	0	-100	100	04/08/2025	

Batch R362980		SampType: LCS		Units mg/L							
SampID: ICV/LCS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Phenols		0.005		0.050	0.0500	0	100.7	90	110	04/08/2025	

Batch R362980		SampType: MS		Units µg/L							
SampID: 25031355-078KMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		5		51	50.00	0	102.3	85	115	04/08/2025	

Batch R362980		SampType:	MSD		Units µg/L				RPD Limit 15		
SampID: 25031355-078KMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			5		50	50.00	0	99.9	51.13	2.31	04/08/2025

Batch R362980		SampType: MS		Units mg/L							
SampID: 25040568-009AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005		0.054	0.0500	0	107.9	90	110	04/08/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW-846 9066 (TOTAL)

Batch R362980		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040568-009AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Phenols		0.005		0.054	0.0500	0	108.4	0.05395	0.46	04/08/2025	

Batch R362980		SampType: MS		Units mg/L							
SampID: 25040648-002CMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phenols		0.005	S	0.065	0.0500	0.006330	117.3	90	110	04/08/2025	

Batch R362980		SampType: MSD		Units mg/L				RPD Limit 15			Date Analyzed
SampID: 25040648-002CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Phenols			0.005	S	0.068	0.0500	0.006330	123.3	0.06497	4.51	04/08/2025

Batch R362980		SampType: MS		Units mg/L							
SampID: 25040692-001GMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005	S	0.056	0.0500	0	111.1	90	110	04/08/2025	

Batch R362980		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040692-001GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			0.005	S	0.055	0.0500	0	110.1	0.05556	0.89	04/08/2025

Batch R362980		SampType: MS		Units mg/L							
SampID: 25040716-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005		0.052	0.0500	0	103.0	90	110	04/08/2025	

Batch R362980		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040716-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			0.005		0.049	0.0500	0	98.2	0.05150	4.79	04/08/2025

Batch R363136		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005		< 0.005	0.0028	0	0	-100	100	04/10/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW-846 9066 (TOTAL)

Batch R363136		SampType: LCS		Units mg/L						
SampID: ICV/LCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005		0.049	0.0500	0	98.2	90	110	04/10/2025

Batch R363136		SampType: MS		Units µg/L							
SampID: 25040772-001GMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		5		49	50.00	0	99.0	85	115	04/10/2025	

Batch R363136		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25040772-001GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			5		56	50.00	0	112.3	49.48	12.66	04/10/2025

Batch R363136		SampType: MS		Units µg/L							
SampID: 25040807-007GMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		5		54	50.00	3.480	100.1	85	115	04/10/2025	

Batch R363136		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25040807-007GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			5		55	50.00	3.480	103.0	53.53	2.69	04/10/2025

Batch R363136		SampType: MS		Units mg/L						
SampID: 25040913-001IMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	0.061	0.0500	0.003690	114.6	90	110	04/10/2025

Batch R363136		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25040913-001IMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			0.005		0.058	0.0500	0.003690	109.3	0.06098	4.39	04/10/2025

Batch R363234		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005		< 0.005	0.0028	0	0	-100	100	04/11/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW-846 9066 (TOTAL)

Batch R363234		SampType: LCS		Units mg/L							
SampID: ICV/LCS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Phenols		0.005		0.051	0.0500	0	102.1	90	110	04/11/2025	

Batch R363234		SampType: MS		Units µg/L							
SampID: 25040980-002LMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		5		53	50.00	0	105.8	85	115	04/11/2025	

Batch R363234		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25040980-002LMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			5	R	43	50.00	0	85.2	52.91	21.61	04/11/2025

Batch R363234		SampType: MS		Units µg/L							
SampID: 25040991-001GMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		5		54	50.00	0	108.1	85	115	04/11/2025	

Batch R363234		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25040991-001GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			5		48	50.00	0	95.5	54.05	12.42	04/11/2025

Batch R363234		SampType: MS		Units µg/L							
SampID: 25040991-003HMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		5	S	35	50.00	0	70.1	85	115	04/11/2025	

Batch R363234		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25040991-003HMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Phenols		5	SR	20	50.00	0	41.0	35.03	52.38	04/11/2025	

Batch R364258		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005		< 0.005	0.0028	0	0	-100	100	05/01/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW-846 9066 (TOTAL)

Batch R364258		SampType: LCS		Units mg/L							
SampID: ICV/LCS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Phenols		0.005		0.052	0.0500	0	103.1	90	110	05/01/2025	

Batch R364258		SampType: MS		Units mg/L							
SampID: 25042703-001IMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Phenols		0.005	S	0.058	0.0500	0	116.2	90	110	05/01/2025	

Batch R364258		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25042703-001IMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Phenols		0.005	S	0.060	0.0500	0	119.0	0.05808	2.42	05/01/2025	

Batch R364258		SampType: MS		Units mg/L							
SampID: 25042705-002DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005	S	0.061	0.0500	0	121.0	90	110	05/01/2025	

Batch R364258		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25042705-002DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			0.005	S	0.066	0.0500	0	132.2	0.06051	8.82	05/01/2025

Batch R364258		SampType: MS		Units mg/L							
SampID: 25042705-015DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005	S	0.060	0.0500	0	119.4	90	110	05/01/2025	

Batch R364258		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25042705-015DMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Phenols		0.005	S	0.065	0.0500	0	130.6	0.05968	9.01	05/01/2025	

Batch R364258		SampType: MS		Units mg/L							Date Analyzed
SampID: 25042705-026DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phenols		0.005	S	0.070	0.0500	0	139.9	90	110	05/01/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW-846 9066 (TOTAL)

Batch R364258		SampType: MSD		Units mg/L				RPD Limit 15			Date Analyzed
SampID: 25042705-026DMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Phenols		0.005	SR	0.056	0.0500	0	112.9	0.06997	21.39	05/01/2025	

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

Batch 237136		SampType: MBLK		Units mg/L							
SampID: MBLK-237136											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	04/07/2025	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	04/07/2025	
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	04/07/2025	

Batch 237136		SampType: LCS		Units mg/L							
SampID: LCS-237136											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Calcium		0.100		4.48	5.000	0	89.6	85	115	04/07/2025	
Calcium		0.100		2.40	2.500	0	96.1	85	115	04/09/2025	
Magnesium		0.0500		2.24	2.500	0	89.5	85	115	04/09/2025	
Potassium		0.100		2.39	2.500	0	95.7	85	115	04/09/2025	
Potassium		0.100		4.63	5.000	0	92.7	85	115	04/07/2025	
Sodium		0.0500		2.33	2.500	0	93.2	85	115	04/09/2025	
Sodium		0.0500		4.52	5.000	0	90.3	85	115	04/07/2025	

Batch 237136		SampType: MS		Units mg/L						
SampID: 25031355-022CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	139	5.000	128.0	212.2	75	125	04/07/2025
Magnesium		0.050	S	64.6	5.000	62.09	50.6	75	125	04/09/2025
Potassium		0.100		6.97	5.000	1.886	101.8	75	125	04/07/2025
Sodium		0.050	S	89.9	5.000	88.80	21.8	75	125	04/09/2025

Batch	237136	SampType:	MSD	Units mg/L				RPD Limit			20
SampID: 25031355-022CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium			0.100	S	128	5.000	128.0	-11.0	138.7	8.39	04/07/2025
Magnesium			0.050	S	64.4	5.000	62.09	46.4	64.62	0.33	04/09/2025
Potassium			0.100		6.44	5.000	1.886	91.1	6.975	7.97	04/07/2025
Sodium			0.050	S	89.6	5.000	88.80	17.0	89.89	0.27	04/09/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237136 SampType: MS Units mg/L

SampleID: 25040489-006CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Potassium		0.100		9.05	5.000	4.523	90.5	75	125	04/07/2025
Sodium		0.050	S	120	5.000	121.8	-37.2	75	125	04/09/2025

Batch 237136 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 25040489-006CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Potassium		0.100		9.13	5.000	4.523	92.1	9.046	0.89	04/07/2025
Sodium		0.050	S	119	5.000	121.8	-46.6	120.0	0.39	04/09/2025

Batch 237137 SampType: MBLK Units mg/L

SampleID: MBLK-237137

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	04/08/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	04/08/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	04/08/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	04/10/2025

Batch 237137 SampType: LCS Units mg/L

SampleID: LCS-237137

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.59	5.000	0	91.8	85	115	04/08/2025
Magnesium		0.0500		4.32	5.000	0	86.5	85	115	04/08/2025
Potassium		0.100		4.64	5.000	0	92.9	85	115	04/08/2025
Sodium		0.0500		4.63	5.000	0	92.5	85	115	04/08/2025

Batch 237137 SampType: MS Units mg/L

SampleID: 25031355-053DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	119	5.000	118.5	11.4	75	125	04/08/2025
Magnesium		0.050	S	46.8	5.000	43.93	56.9	75	125	04/08/2025
Potassium		0.100		7.22	5.000	2.615	92.2	75	125	04/08/2025
Sodium		0.050	S	90.0	5.000	88.81	22.8	75	125	04/08/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237137		SampType: MSD		Units mg/L				RPD Limit 20		
SampID: 25031355-053DMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	117	5.000	118.5	-24.0	119.0	1.50	04/08/2025
Magnesium		0.050	S	46.2	5.000	43.93	45.3	46.78	1.24	04/08/2025
Potassium		0.100		7.20	5.000	2.615	91.6	7.224	0.39	04/08/2025
Sodium		0.050	S	88.9	5.000	88.81	2.0	89.95	1.16	04/08/2025

Batch 237236		SampType: MBLK		Units mg/L							
SampID: MBLK-237236											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	04/09/2025	
Magnesium		0.050		< 0.050	0.0055	0	0	-100	100	04/09/2025	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	04/09/2025	
Sodium		0.050		< 0.050	0.0180	0	0	-100	100	04/09/2025	

Batch	237236	SampType:	LCS	Units mg/L						
SampID:		LCS-237236								Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Calcium		0.100		4.52	5.000	0	90.3	85	115	04/09/2025
Magnesium		0.050		2.27	2.500	0	91.0	85	115	04/10/2025
Potassium		0.100		4.49	5.000	0	89.7	85	115	04/09/2025
Sodium		0.050		4.41	5.000	0	88.2	85	115	04/09/2025

Batch	237236	SampType:	MS	Units mg/L						
SampID:		25031355-025CMS								Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Calcium		0.100	S	170	5.000	172.0	-46.2	75	125	04/09/2025
Magnesium		0.050	S	142	5.000	143.1	-22.9	75	125	04/09/2025
Potassium		0.100		6.91	5.000	2.158	94.9	75	125	04/09/2025
Sodium		0.050	S	89.2	5.000	88.74	8.6	75	125	04/09/2025

Batch	237236	SampType:	MSD	Units mg/L				RPD Limit 20		
SampID: 25031355-025CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	169	5.000	172.0	-69.2	169.7	0.68	04/09/2025
Magnesium		0.050	S	141	5.000	143.1	-41.4	141.9	0.66	04/09/2025
Potassium		0.100		6.97	5.000	2.158	96.2	6.905	0.94	04/09/2025
Sodium		0.050	S	88.7	5.000	88.74	0	89.17	0.48	04/09/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237236 SampType: MS Units mg/L

SampleID: 25040772-003EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Magnesium		0.050	S	34.5	5.000	31.40	62.2	75	125	04/09/2025

Batch 237236 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 25040772-003EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Magnesium		0.050	S	34.8	5.000	31.40	68.0	34.51	0.85	04/09/2025

Batch 237375 SampType: MBLK Units mg/L

SampleID: MBLK-237375

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	04/14/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	04/14/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	04/11/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	04/14/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	04/14/2025

Batch 237375 SampType: LCS Units mg/L

SampleID: LCS-237375

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		2.35	2.500	0	93.9	85	115	04/15/2025
Magnesium		0.0500		2.25	2.500	0	89.9	85	115	04/15/2025
Potassium		0.100		4.39	5.000	0	87.9	85	115	04/11/2025
Sodium		0.0500		2.37	2.500	0	94.9	85	115	04/15/2025

Batch 237375 SampType: MS Units mg/L

SampleID: 25040991-006EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Magnesium		0.050	S	73.2	5.000	71.62	31.8	75	125	04/11/2025

Batch 237375 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 25040991-006EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Magnesium		0.050	S	72.7	5.000	71.62	21.8	73.21	0.68	04/11/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237068 SampType: MBLK Units mg/L

SampID: MBLK-237068

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	04/08/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	04/08/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	04/07/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	04/08/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	04/08/2025

Batch 237068 SampType: LCS Units mg/L

SampID: LCS-237068

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.86	5.000	0	97.3	85	115	04/08/2025
Magnesium		0.0500		4.58	5.000	0	91.6	85	115	04/08/2025
Magnesium		0.0500		4.99	5.000	0	99.8	85	115	04/07/2025
Potassium		0.100		4.74	5.000	0	94.9	85	115	04/08/2025
Sodium		0.0500		4.85	5.000	0	96.9	85	115	04/08/2025

Batch 237068 SampType: MS Units mg/L

SampID: 25031355-010BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		118	5.000	113.6	82.2	75	125	04/08/2025
Magnesium		0.050		46.3	5.000	41.49	95.2	75	125	04/08/2025
Potassium		1.00		8.86	5.000	2.917	118.8	75	125	04/10/2025
Sodium		0.050		95.0	5.000	91.27	75.6	75	125	04/08/2025

Batch 237068 SampType: MSD Units mg/L

SampID: 25031355-010BMSD

RPD Limit 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		119	5.000	113.6	109.0	117.7	1.13	04/08/2025
Magnesium		0.050		46.4	5.000	41.49	98.8	46.25	0.39	04/08/2025
Potassium		1.00		8.85	5.000	2.917	118.6	8.856	0.10	04/10/2025
Sodium		0.050		96.2	5.000	91.27	98.0	95.05	1.17	04/08/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237068		SampType: MS		Units mg/L						
SampID: 25031355-015BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		267	5.000	262.6	91.8	75	125	04/08/2025
Magnesium		0.050		126	5.000	120.8	98.6	75	125	04/08/2025
Potassium		0.100		6.60	5.000	1.303	105.9	75	125	04/08/2025
Sodium		0.050		153	5.000	148.9	90.8	75	125	04/08/2025

Batch	237068	SampType:	MSD	Units mg/L					RPD Limit		20
SampID: 25031355-015BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Calcium		0.100		268	5.000	262.6	102.6	267.1	0.20	04/08/2025	
Magnesium		0.050		126	5.000	120.8	98.9	125.7	0.01	04/08/2025	
Potassium		0.100		6.63	5.000	1.303	106.5	6.600	0.43	04/08/2025	
Sodium		0.050		154	5.000	148.9	99.0	153.5	0.27	04/08/2025	

Batch 237070		SampType: MBLK		Units mg/L						
SampID: MBLK-237070										
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	04/07/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	04/07/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	04/07/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	04/07/2025

Batch 237070		SampType: LCS		Units mg/L						
SampID: LCS-237070										Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Calcium		0.100		4.98	5.000	0	99.5	85	115	04/07/2025
Magnesium		0.0500		4.49	5.000	0	89.8	85	115	04/07/2025
Potassium		0.100		5.01	5.000	0	100.2	85	115	04/07/2025
Sodium		0.0500		5.02	5.000	0	100.4	85	115	04/07/2025

Batch 237070		SampType: MS		Units mg/L						
SampID: 25031355-004CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	450	5.000	447.9	49.4	75	125	04/07/2025
Potassium		0.100	E	12.1	5.000	6.017	121.1	75	125	04/07/2025
Sodium		0.050	S	434	5.000	431.2	48.8	75	125	04/07/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237070		SampType: MSD		Units mg/L					RPD Limit 20		Date Analyzed
SampID: 25031355-004CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Calcium		0.100	S	444	5.000	447.9	-80.0	450.3	1.45		
Potassium		0.100	E	11.9	5.000	6.017	118.1	12.07	1.25		
Sodium		0.050	S	428	5.000	431.2	-72.2	433.7	1.40		

Batch 237070		SampType: MS		Units mg/L						
SampID: 25031355-009BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		60.1	5.000	55.53	91.0	75	125	04/07/2025
Magnesium		0.050		31.7	5.000	26.45	104.6	75	125	04/09/2025
Potassium		0.100		6.56	5.000	1.610	99.0	75	125	04/07/2025
Sodium		0.050		104	5.000	100.3	76.6	75	125	04/07/2025

Batch	237070	SampType:	MSD	Units mg/L					RPD Limit		20
SampID: 25031355-009BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Calcium		0.100		61.5	5.000	55.53	118.8	60.08	2.29	04/07/2025	
Magnesium		0.050		31.9	5.000	26.45	109.0	31.68	0.69	04/09/2025	
Potassium		0.100		6.62	5.000	1.610	100.2	6.560	0.92	04/07/2025	
Sodium		0.050	S	107	5.000	100.3	135.4	104.2	2.78	04/07/2025	

Batch 237085		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-237085											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Calcium		0.100		< 0.100	0.0350	0	0	-100	100		
Magnesium		0.050		< 0.050	0.0055	0	0	-100	100		
Magnesium		0.050		< 0.050	0.0055	0	0	-100	100		
Potassium		0.100		< 0.100	0.0400	0	0	-100	100		
Potassium		0.100		< 0.100	0.0400	0	0	-100	100		
Sodium		0.050		< 0.050	0.0180	0	0	-100	100		



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237085 SampType: LCS Units mg/L

SampID: LCS-237085

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		5.10	5.000	0	102.0	85	115	04/08/2025
Magnesium		0.050		5.36	5.000	0	107.2	85	115	04/07/2025
Magnesium		0.050		4.76	5.000	0	95.3	85	115	04/08/2025
Potassium		0.100		4.99	5.000	0	99.8	85	115	04/08/2025
Sodium		0.050		5.08	5.000	0	101.7	85	115	04/08/2025

Batch 237085 SampType: MS Units mg/L

SampID: 25031355-065CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		49.0	5.000	43.37	113.4	75	125	04/07/2025
Magnesium		0.050		18.1	5.000	13.38	94.6	75	125	04/07/2025
Potassium		0.100	E	11.3	5.000	5.859	108.6	75	125	04/07/2025
Sodium		0.050		28.8	5.000	24.11	93.4	75	125	04/08/2025

Batch 237085 SampType: MSD Units mg/L

SampID: 25031355-065CMSD

RPD Limit 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	46.8	5.000	43.37	69.0	49.04	4.63	04/07/2025
Magnesium		0.050		17.4	5.000	13.38	80.6	18.11	3.92	04/07/2025
Potassium		0.100	E	11.0	5.000	5.859	103.2	11.29	2.42	04/07/2025
Sodium		0.050	S	27.3	5.000	24.11	64.4	28.78	5.17	04/08/2025

Batch 237085 SampType: MS Units mg/L

SampID: 25040489-008BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		11.9	5.000	6.550	106.2	75	125	04/07/2025

Batch 237085 SampType: MSD Units mg/L

SampID: 25040489-008BMSD

RPD Limit 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		11.5	5.000	6.550	99.2	11.86	3.00	04/07/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237232 SampType: MBLK Units mg/L

SampID: MBLK-237232

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	04/09/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	04/09/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	04/09/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	04/09/2025

Batch 237232 SampType: LCS Units mg/L

SampID: LCS-237232

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.98	5.000	0	99.6	85	115	04/09/2025
Magnesium		0.0500		4.54	5.000	0	90.8	85	115	04/09/2025
Potassium		0.100		4.98	5.000	0	99.7	85	115	04/09/2025
Sodium		0.0500		4.98	5.000	0	99.6	85	115	04/09/2025

Batch 237300 SampType: MBLK Units mg/L

SampID: MBLK-237300

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	04/10/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	04/10/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	04/10/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	04/10/2025

Batch 237300 SampType: LCS Units mg/L

SampID: LCS-237300

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.86	5.000	0	97.3	85	115	04/10/2025
Magnesium		0.0500		4.50	5.000	0	90.0	85	115	04/10/2025
Potassium		0.100		5.07	5.000	0	101.3	85	115	04/10/2025
Sodium		0.0500		5.05	5.000	0	101.0	85	115	04/10/2025

Batch 237300 SampType: MS Units mg/L

SampID: 25031355-004CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Magnesium		0.050	S	423	5.000	408.4	285.5	75	125	04/09/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237300		SampType: MSD		Units mg/L				RPD Limit 20			
SampID: 25031355-004CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Magnesium			0.050		413	5.000	408.4	88.1	422.6	2.36	04/09/2025

Batch 237302		SampType: MBLK		Units mg/L							
SampID: MBLK-237302											
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	04/10/2025	
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	04/10/2025	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	04/10/2025	
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	04/10/2025	

Batch 237302		SampType: LCS		Units mg/L						
SampID: LCS-237302										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.95	5.000	0	99.0	85	115	04/10/2025
Magnesium		0.0500		4.70	5.000	0	94.1	85	115	04/10/2025
Potassium		0.100		5.14	5.000	0	102.8	85	115	04/10/2025
Sodium		0.0500		5.05	5.000	0	100.9	85	115	04/10/2025

Batch 237515		SampType: MS		Units mg/L						
SampID: 25041274-001BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		33.3	5.000	28.57	93.8	75	125	04/15/2025
Magnesium		0.0500		11.7	5.000	6.830	97.8	75	125	04/15/2025

Batch 237515		SampType: MSD		Units mg/L					RPD Limit 20		Date Analyzed
SampID: 25041274-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Calcium			0.100		33.4	5.000	28.57	95.8	33.26	0.30	
Magnesium			0.0500		11.7	5.000	6.830	96.7	11.72	0.48	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237136		SampType: MBLK		Units µg/L						
SampID: MBLK-237136										Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	04/08/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	04/08/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	04/08/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	04/08/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	04/08/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	04/08/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	04/08/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	04/08/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	04/08/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	04/08/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	04/08/2025

Batch 237136		SampType: LCS		Units µg/L							
SampID: LCS-237136											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		1010	1000	0	100.7	80	120	04/08/2025	
Arsenic		1.0		960	1000	0	96.0	80	120	04/08/2025	
Boron		25.0		911	1000	0	91.1	80	120	04/08/2025	
Cadmium		1.0		98.4	100.0	0	98.4	80	120	04/08/2025	
Chromium		1.5		373	400.0	0	93.2	80	120	04/08/2025	
Iron		25.0		3590	4000	0	89.8	80	120	04/08/2025	
Lead		1.0		895	1000	0	89.5	80	120	04/08/2025	
Manganese		2.0		940	1000	0	94.0	80	120	04/08/2025	
Selenium		1.0		1080	1000	0	107.5	80	120	04/08/2025	
Vanadium		5.0		910	1000	0	91.0	80	120	04/08/2025	
Zinc		15.0		944	1000	0	94.4	80	120	04/08/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237136		SampType: MS		Units µg/L						
SampID: 25031355-022CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		1010	1000	0	101.1	75	125	04/08/2025
Boron		25.0		1040	1000	94.04	94.1	75	125	04/08/2025
Cadmium		1.0		102	100.0	0	102.1	75	125	04/08/2025
Chromium		1.5		388	400.0	0	97.0	75	125	04/08/2025
Iron		25.0		3710	4000	0	92.9	75	125	04/08/2025
Lead		1.0		954	1000	0	95.4	75	125	04/08/2025
Manganese		2.0		976	1000	14.16	96.2	75	125	04/08/2025
Selenium		1.0		1110	1000	0	110.5	75	125	04/08/2025
Zinc		15.0		995	1000	59.82	93.5	75	125	04/08/2025

Batch 237136		SampType: MSD		Units µg/L				RPD Limit 20		
SampID: 25031355-022CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		975	1000	0	97.5	1011	3.61	04/08/2025
Boron		25.0		1020	1000	94.04	92.3	1035	1.76	04/08/2025
Cadmium		1.0		102	100.0	0	101.7	102.1	0.41	04/08/2025
Chromium		1.5		375	400.0	0	93.8	388.1	3.34	04/08/2025
Iron		25.0		3630	4000	0	90.7	3714	2.36	04/08/2025
Lead		1.0		965	1000	0	96.5	953.8	1.14	04/08/2025
Manganese		2.0		943	1000	14.16	92.9	975.7	3.38	04/08/2025
Selenium		1.0		1070	1000	0	107.1	1105	3.18	04/08/2025
Zinc		15.0		971	1000	59.82	91.1	994.9	2.43	04/08/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237137		SampType: MBLK		Units µg/L						
SampID: MBLK-237137										Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	04/08/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	04/08/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	04/08/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	04/08/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	04/08/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	04/08/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	04/08/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	04/08/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	04/08/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	04/08/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	04/08/2025

Batch 237137		SampType: LCS		Units µg/L							
SampID: LCS-237137											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		1120	1000	0	111.9	80	120	04/08/2025	
Arsenic		1.0		1040	1000	0	104.4	80	120	04/08/2025	
Boron		25.0		990	1000	0	99.0	80	120	04/08/2025	
Cadmium		1.0		111	100.0	0	111.3	80	120	04/08/2025	
Chromium		1.5		407	400.0	0	101.6	80	120	04/08/2025	
Iron		25.0		3980	4000	0	99.5	80	120	04/08/2025	
Lead		1.0		1020	1000	0	102.4	80	120	04/08/2025	
Manganese		2.0		1020	1000	0	102.4	80	120	04/08/2025	
Selenium		1.0		1170	1000	0	116.8	80	120	04/08/2025	
Vanadium		5.0		1000	1000	0	100.2	80	120	04/08/2025	
Zinc		15.0		1030	1000	0	102.6	80	120	04/08/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237137		SampType: MS		Units µg/L						
SampID: 25031355-053DMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		1080	1000	0	108.4	75	125	04/08/2025
Arsenic		1.0		995	1000	3.381	99.2	75	125	04/08/2025
Boron		25.0		1060	1000	88.40	96.9	75	125	04/08/2025
Cadmium		1.0		105	100.0	0	104.7	75	125	04/08/2025
Chromium		1.5		379	400.0	2.953	94.0	75	125	04/08/2025
Lead		1.0		981	1000	0	98.1	75	125	04/08/2025
Selenium		1.0		1110	1000	0	110.6	75	125	04/08/2025
Vanadium		5.0		943	1000	0	94.3	75	125	04/08/2025
Zinc		15.0		948	1000	0	94.8	75	125	04/08/2025

Batch 237137		SampType: MSD		Units µg/L				RPD Limit 20		
SampID: 25031355-053DMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		1100	1000	0	110.3	1084	1.76	04/08/2025
Arsenic		1.0		973	1000	3.381	97.0	995.2	2.26	04/08/2025
Boron		25.0		1060	1000	88.40	96.7	1058	0.22	04/08/2025
Cadmium		1.0		106	100.0	0	106.0	104.7	1.29	04/08/2025
Chromium		1.5		379	400.0	2.953	94.0	379.1	0.02	04/08/2025
Lead		1.0		961	1000	0	96.1	981.3	2.13	04/08/2025
Selenium		1.0		1080	1000	0	107.7	1106	2.63	04/08/2025
Vanadium		5.0		946	1000	0	94.6	943.3	0.33	04/08/2025
Zinc		15.0		917	1000	0	91.7	947.6	3.27	04/08/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237236		SampType: MBLK		Units µg/L							Date Analyzed	
SampID: MBLK-237236												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Antimony		1.0		< 1.0	0.4500	0	0	-100	100			
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100			
Boron		25.0		< 25.0	9.250	0	0	-100	100			
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100			
Chromium		1.5		< 1.5	0.7000	0	0	-100	100			
Iron		25.0		< 25.0	11.50	0	0	-100	100			
Lead		1.0		< 1.0	0.6000	0	0	-100	100			
Manganese		2.0		< 2.0	0.7500	0	0	-100	100			
Selenium		1.0		< 1.0	0.6000	0	0	-100	100			
Vanadium		5.0		< 5.0	5.000	0	0	-100	100			
Zinc		15.0		< 15.0	5.900	0	0	-100	100			

Batch 237236		SampType: LCS		Units µg/L							
SampID: LCS-237236											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		999	1000	0	99.9	80	120	04/09/2025	
Arsenic		1.0		882	1000	0	88.2	80	120	04/09/2025	
Boron		25.0		872	1000	0	87.2	80	120	04/09/2025	
Cadmium		1.0		96.9	100.0	0	96.9	80	120	04/09/2025	
Chromium		1.5		352	400.0	0	87.9	80	120	04/09/2025	
Iron		25.0		3430	4000	0	85.9	80	120	04/09/2025	
Lead		1.0		914	1000	0	91.4	80	120	04/09/2025	
Manganese		2.0		931	1000	0	93.1	80	120	04/10/2025	
Selenium		1.0		905	1000	0	90.5	80	120	04/09/2025	
Vanadium		5.0		888	1000	0	88.8	80	120	04/09/2025	
Zinc		15.0		853	1000	0	85.3	80	120	04/09/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237236		SampType: MS		Units µg/L						
SampID: 25031355-025CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		899	1000	0.6049	89.8	75	125	04/09/2025
Boron		25.0		1050	1000	245.2	81.0	75	125	04/09/2025
Cadmium		1.0		93.2	100.0	0	93.2	75	125	04/09/2025
Chromium		1.5		357	400.0	0	89.3	75	125	04/09/2025
Iron		25.0		3460	4000	17.36	86.1	75	125	04/09/2025
Lead		1.0		944	1000	0	94.4	75	125	04/09/2025
Manganese		2.0		978	1000	38.48	94.0	75	125	04/10/2025
Selenium		1.0		913	1000	0	91.3	75	125	04/09/2025
Zinc		15.0		823	1000	0	82.3	75	125	04/09/2025

Batch 237236		SampType: MSD		Units µg/L				RPD Limit 20		
SampID: 25031355-025CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		958	1000	0.6049	95.7	898.6	6.36	04/09/2025
Boron		25.0		1060	1000	245.2	82.0	1055	0.93	04/09/2025
Cadmium		1.0		96.6	100.0	0	96.6	93.23	3.57	04/09/2025
Chromium		1.5		362	400.0	0	90.6	357.3	1.45	04/09/2025
Iron		25.0		3560	4000	17.36	88.6	3462	2.81	04/09/2025
Lead		1.0		953	1000	0	95.3	944.4	0.92	04/09/2025
Manganese		2.0		994	1000	38.48	95.5	978.5	1.55	04/10/2025
Selenium		1.0		967	1000	0	96.7	912.7	5.82	04/09/2025
Zinc		15.0		867	1000	0	86.7	822.9	5.28	04/09/2025

Batch 237236		SampType: MS		Units µg/L						
SampID: 25040772-003EMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		934	1000	21.17	91.3	75	125	04/09/2025
Boron		25.0		1050	1000	214.8	83.4	75	125	04/09/2025
Cadmium		1.0		97.3	100.0	0	97.3	75	125	04/09/2025
Chromium		1.5		358	400.0	2.101	89.0	75	125	04/09/2025
Lead		1.0		918	1000	0	91.8	75	125	04/09/2025
Zinc		15.0		869	1000	0	86.9	75	125	04/09/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237236		SampType: MSD		Units µg/L				RPD Limit 20		
SampID: 25040772-003EMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		938	1000	21.17	91.7	934.2	0.43	04/09/2025
Boron		25.0		1020	1000	214.8	81.0	1049	2.28	04/09/2025
Cadmium		1.0		94.4	100.0	0	94.4	97.33	3.01	04/09/2025
Chromium		1.5		357	400.0	2.101	88.6	358.2	0.45	04/09/2025
Lead		1.0		938	1000	0	93.8	917.9	2.13	04/09/2025
Zinc		15.0		872	1000	0	87.2	868.6	0.37	04/09/2025

Batch 237375		SampType: MBLK		Units µg/L						
SampID: MBLK-237375										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	04/14/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	04/11/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	04/11/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	04/11/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	04/11/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	04/11/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	04/14/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	04/14/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	04/11/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	04/11/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	04/11/2025

Batch 237375		SampType: LCS		Units µg/L						
SampID: LCS-237375										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		881	1000	0	88.1	80	120	04/14/2025
Arsenic		1.0		901	1000	0	90.1	80	120	04/11/2025
Boron		25.0		856	1000	0	85.6	80	120	04/11/2025
Cadmium		1.0		94.8	100.0	0	94.8	80	120	04/11/2025
Chromium		1.5		343	400.0	0	85.7	80	120	04/11/2025
Iron		25.0		3360	4000	0	83.9	80	120	04/11/2025
Lead		1.0		938	1000	0	93.8	80	120	04/14/2025
Manganese		2.0		970	1000	0	97.0	80	120	04/14/2025
Selenium		1.0		821	1000	0	82.1	80	120	04/11/2025
Vanadium		5.0		866	1000	0	86.6	80	120	04/11/2025
Zinc		15.0		872	1000	0	87.2	80	120	04/11/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237375		SampType: MS		Units µg/L						
SampID: 25040991-006EMS										Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Arsenic		1.0		1170	1000	134.0	104.0	75	125	
Boron		25.0		1480	1000	531.7	94.4	75	125	
Cadmium		1.0		122	100.0	0	121.6	75	125	
Chromium		1.5		389	400.0	2.002	96.8	75	125	
Lead		1.0		963	1000	0	96.3	75	125	
Zinc		15.0		934	1000	0	93.4	75	125	

Batch 237375		SampType: MSD		Units µg/L				RPD Limit 20		
SampID: 25040991-006EMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		1120	1000	134.0	98.8	1174	4.54	04/14/2025
Boron		25.0		1450	1000	531.7	91.8	1476	1.76	04/14/2025
Cadmium		1.0		117	100.0	0	117.1	121.6	3.81	04/14/2025
Chromium		1.5		375	400.0	2.002	93.3	389.0	3.57	04/14/2025
Lead		1.0		934	1000	0	93.4	963.2	3.09	04/14/2025
Zinc		15.0		907	1000	0	90.7	934.4	3.00	04/14/2025

Batch 237995		SampType: MBLK		Units µg/L							
SampleID: MBLK-237995											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	04/28/2025	
Boron		25.0		< 25.0	9.250	0	0	-100	100	04/28/2025	
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	04/28/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100	04/28/2025	
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	04/28/2025	

Batch 237995		SampType: LCS		Units µg/L						
SampID: LCS-237995										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		966	1000	0	96.6	80	120	04/28/2025
Boron		25.0		873	1000	0	87.3	80	120	04/28/2025
Chromium		1.5		359	400.0	0	89.9	80	120	04/28/2025
Iron		25.0		3510	4000	0	87.9	80	120	04/28/2025
Manganese		2.0		896	1000	0	89.6	80	120	04/28/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237068		SampType: MBLK		Units µg/L							
SampID: MBLK-237068											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	04/07/2025	
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	04/07/2025	
Barium		1.0		< 1.0	0.7000	0	0	-100	100	04/07/2025	
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	04/07/2025	
Boron		25.0		< 25.0	9.250	0	0	-100	100	04/07/2025	
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	04/07/2025	
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	04/07/2025	
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	04/07/2025	
Lead		1.0		< 1.0	0.6000	0	0	-100	100	04/07/2025	
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	04/07/2025	
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	04/07/2025	
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	04/07/2025	
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	04/07/2025	

Batch 237068		SampType: LCS		Units µg/L							
SampID: LCS-237068											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		1160	1000	0	116.2	80	120	04/08/2025	
Arsenic		1.0		1090	1000	0	109.1	80	120	04/08/2025	
Barium		1.0		4770	4000	0	119.3	80	120	04/08/2025	
Beryllium		1.0		91.7	100.0	0	91.7	80	120	04/08/2025	
Boron		25.0		972	1000	0	97.2	80	120	04/08/2025	
Cadmium		1.0		112	100.0	0	112.2	80	120	04/08/2025	
Chromium		1.5		401	400.0	0	100.3	80	120	04/08/2025	
Cobalt		1.0		998	1000	0	99.8	80	120	04/08/2025	
Lead		1.0		985	1000	0	98.5	80	120	04/08/2025	
Lithium	*	3.0		923	1000	0	92.3	80	120	04/08/2025	
Molybdenum		1.5		1060	1000	0	106.2	80	120	04/08/2025	
Selenium		1.0		1130	1000	0	113.2	80	120	04/08/2025	
Thallium		2.0		470	500.0	0	94.1	80	120	04/08/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237068		SampType: MS		Units µg/L							
SampID: 25031355-010BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		1170	1000	0.6383	117.0	75	125	04/08/2025	
Arsenic		1.0		1070	1000	24.02	104.5	75	125	04/08/2025	
Barium		1.0		5400	4000	578.6	120.5	75	125	04/08/2025	
Beryllium		1.0		96.8	100.0	0.5480	96.2	75	125	04/08/2025	
Boron		25.0		1110	1000	97.36	101.0	75	125	04/08/2025	
Cadmium		1.0		114	100.0	0.2008	113.8	75	125	04/08/2025	
Chromium		1.5		422	400.0	21.93	100.0	75	125	04/08/2025	
Cobalt		1.0		963	1000	6.183	95.7	75	125	04/08/2025	
Lead		1.0		999	1000	9.339	99.0	75	125	04/08/2025	
Lithium	*	3.0		1040	1000	10.20	103.5	75	125	04/08/2025	
Molybdenum		1.5		1070	1000	5.344	106.0	75	125	04/08/2025	
Selenium		1.0		1070	1000	0	107.5	75	125	04/08/2025	
Thallium		2.0		477	500.0	0.9677	95.3	75	125	04/08/2025	

Batch 237068		SampType:	MSD	Units µg/L				RPD Limit 20			
SampID: 25031355-010BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony			1.0		1200	1000	0.6383	119.8	1171	2.41	04/08/2025
Arsenic			1.0		1060	1000	24.02	103.5	1069	0.98	04/08/2025
Barium			1.0		5390	4000	578.6	120.3	5397	0.13	04/08/2025
Beryllium			1.0		96.3	100.0	0.5480	95.8	96.75	0.47	04/08/2025
Boron			25.0		1100	1000	97.36	99.8	1107	1.03	04/08/2025
Cadmium			1.0		116	100.0	0.2008	115.9	114.0	1.82	04/08/2025
Chromium			1.5		414	400.0	21.93	98.1	421.8	1.83	04/08/2025
Cobalt			1.0		957	1000	6.183	95.1	962.9	0.58	04/08/2025
Lead			1.0		984	1000	9.339	97.4	998.9	1.53	04/08/2025
Lithium		*	3.0		1010	1000	10.20	100.3	1045	3.02	04/08/2025
Molybdenum			1.5		1060	1000	5.344	105.0	1065	0.90	04/08/2025
Selenium			1.0		1060	1000	0	106.3	1075	1.10	04/08/2025
Thallium			2.0		475	500.0	0.9677	94.7	477.3	0.56	04/08/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237068		SampType: MS		Units µg/L						
SampID: 25031355-015BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		1200	1000	0.4655	120.1	75	125	04/08/2025
Arsenic		1.0		1090	1000	0.6005	109.0	75	125	04/08/2025
Barium		1.0		4660	4000	32.34	115.8	75	125	04/08/2025
Beryllium		1.0		95.2	100.0	0	95.2	75	125	04/08/2025
Boron		25.0		1890	1000	900.0	99.3	75	125	04/08/2025
Cadmium		1.0		114	100.0	0	114.2	75	125	04/08/2025
Chromium		1.5		398	400.0	0	99.4	75	125	04/08/2025
Cobalt		1.0		968	1000	0.9587	96.7	75	125	04/08/2025
Lead		1.0		997	1000	0	99.7	75	125	04/08/2025
Lithium	*	3.0		943	1000	28.17	91.5	75	125	04/08/2025
Molybdenum		1.5		1080	1000	0.6894	107.8	75	125	04/08/2025
Selenium		1.0		1130	1000	0	113.1	75	125	04/08/2025
Thallium		2.0		479	500.0	0	95.8	75	125	04/08/2025

Batch 237068		SampType: MSD		Units µg/L				RPD Limit 20		
SampID: 25031355-015BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		1220	1000	0.4655	121.9	1202	1.42	04/08/2025
Arsenic		1.0		1120	1000	0.6005	112.3	1091	3.01	04/08/2025
Barium		1.0		4740	4000	32.34	117.7	4664	1.65	04/08/2025
Beryllium		1.0		97.0	100.0	0	97.0	95.23	1.85	04/08/2025
Boron		25.0		1970	1000	900.0	106.6	1893	3.79	04/08/2025
Cadmium		1.0		115	100.0	0	115.4	114.2	1.04	04/08/2025
Chromium		1.5		403	400.0	0	100.9	397.7	1.42	04/08/2025
Cobalt		1.0		986	1000	0.9587	98.5	968.2	1.81	04/08/2025
Lead		1.0		1000	1000	0	100.1	997.0	0.44	04/08/2025
Lithium	*	3.0		984	1000	28.17	95.6	943.1	4.25	04/08/2025
Molybdenum		1.5		1120	1000	0.6894	111.9	1078	3.79	04/08/2025
Selenium		1.0		1170	1000	0	116.6	1131	3.06	04/08/2025
Thallium		2.0		488	500.0	0	97.7	479.2	1.88	04/08/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237070 SampType: MBLK Units µg/L

SampleID: MBLK-237070

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	04/07/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	04/07/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	04/07/2025
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	04/07/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	04/07/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	04/07/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	04/07/2025
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	04/07/2025
Copper		1.0		< 1.0	0.2980	0	0	-100	100	04/07/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	04/08/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	04/07/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	04/07/2025
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	04/07/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	04/07/2025
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	04/07/2025
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	04/07/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	04/07/2025
Silver		1.0		< 1.0	0.1110	0	0	-100	100	04/09/2025
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	04/07/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	04/07/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	04/07/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237070		SampType: LCS		Units µg/L							Date Analyzed
SampID: LCS-237070											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		1140	1000	0	114.2	80	120	04/08/2025	
Arsenic		1.0		1040	1000	0	103.6	80	120	04/08/2025	
Barium		1.0		4690	4000	0	117.3	80	120	04/08/2025	
Beryllium		1.0		92.9	100.0	0	92.9	80	120	04/08/2025	
Boron		25.0		975	1000	0	97.5	80	120	04/08/2025	
Cadmium		1.0		111	100.0	0	111.3	80	120	04/08/2025	
Chromium		1.5		393	400.0	0	98.2	80	120	04/08/2025	
Cobalt		1.0		969	1000	0	96.9	80	120	04/08/2025	
Iron		25.0		4030	4000	0	100.7	80	120	04/08/2025	
Lead		1.0		957	1000	0	95.7	80	120	04/08/2025	
Lithium	*	3.0		932	1000	0	93.2	80	120	04/08/2025	
Molybdenum		1.5		1020	1000	0	102.3	80	120	04/08/2025	
Selenium		1.0		1070	1000	0	106.9	80	120	04/08/2025	
Silver		1.0		96.1	100.0	0	96.1	80	120	04/09/2025	
Thallium		2.0		466	500.0	0	93.3	80	120	04/08/2025	

Batch 237070		SampType: MS		Units µg/L						
SampID: 25031355-004CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		1230	1000	0	122.9	75	125	04/08/2025
Arsenic		1.0		1070	1000	0	106.8	75	125	04/08/2025
Beryllium		1.0		93.3	100.0	0	93.3	75	125	04/08/2025
Boron		25.0		1030	1000	77.89	94.7	75	125	04/08/2025
Cadmium		1.0		114	100.0	0	113.5	75	125	04/08/2025
Chromium		1.5		386	400.0	0	96.4	75	125	04/08/2025
Cobalt		1.0		953	1000	0	95.3	75	125	04/08/2025
Lead		1.0		922	1000	0	92.2	75	125	04/08/2025
Lithium	*	3.0		975	1000	84.20	89.1	75	125	04/08/2025
Molybdenum		1.5		1070	1000	0.8321	107.3	75	125	04/08/2025
Selenium		1.0		1120	1000	0	111.9	75	125	04/08/2025
Thallium		2.0		471	500.0	0	94.2	75	125	04/08/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237070		SampType: MSD		Units µg/L				RPD Limit 20			Date Analyzed
SampID: 25031355-004CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Antimony		1.0		1150	1000	0	114.8	1229	6.87	04/08/2025	
Arsenic		1.0		1100	1000	0	109.7	1068	2.71	04/08/2025	
Beryllium		1.0		86.1	100.0	0	86.1	93.31	8.09	04/08/2025	
Boron		25.0		978	1000	77.89	90.0	1025	4.72	04/08/2025	
Cadmium		1.0		107	100.0	0	107.4	113.5	5.55	04/08/2025	
Chromium		1.5		382	400.0	0	95.6	385.8	0.91	04/08/2025	
Cobalt		1.0		949	1000	0	94.9	953.1	0.44	04/08/2025	
Lead		1.0		895	1000	0	89.5	922.0	3.01	04/08/2025	
Lithium	*	3.0		912	1000	84.20	82.8	975.3	6.68	04/08/2025	
Molybdenum		1.5		1070	1000	0.8321	107.2	1074	0.09	04/08/2025	
Selenium		1.0		1150	1000	0	114.9	1119	2.60	04/08/2025	
Thallium		2.0		464	500.0	0	92.7	471.1	1.59	04/08/2025	

Batch 237070		SampType: MS		Units µg/L							
SampID: 25031355-009BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		1130	1000	0.8049	112.6	75	125	04/08/2025	
Arsenic		1.0		1090	1000	5.337	108.1	75	125	04/08/2025	
Barium		1.0		4610	4000	245.8	109.0	75	125	04/08/2025	
Beryllium		1.0		95.6	100.0	0	95.6	75	125	04/08/2025	
Boron		25.0		1080	1000	81.84	99.6	75	125	04/08/2025	
Cadmium		1.0		109	100.0	0	109.5	75	125	04/08/2025	
Chromium		1.5		396	400.0	1.859	98.6	75	125	04/08/2025	
Cobalt		1.0		971	1000	0.4919	97.1	75	125	04/08/2025	
Lead		1.0		977	1000	1.789	97.6	75	125	04/08/2025	
Lithium	*	3.0		919	1000	10.19	90.9	75	125	04/08/2025	
Molybdenum		1.5		1060	1000	6.787	105.3	75	125	04/08/2025	
Selenium		1.0		1170	1000	0	116.9	75	125	04/08/2025	
Thallium		2.0		469	500.0	0	93.7	75	125	04/08/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch	237070	SampType:	MSD	Units µg/L				RPD Limit 20		
SampID:		25031355-009BMSD								
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		1180	1000	0.8049	117.5	1127	4.18	04/08/2025
Arsenic		1.0		1040	1000	5.337	103.6	1086	4.22	04/08/2025
Barium		1.0		4710	4000	245.8	111.6	4608	2.22	04/08/2025
Beryllium		1.0		95.1	100.0	0	95.1	95.59	0.54	04/08/2025
Boron		25.0		1070	1000	81.84	99.0	1077	0.51	04/08/2025
Cadmium		1.0		112	100.0	0	112.2	109.5	2.50	04/08/2025
Chromium		1.5		389	400.0	1.859	96.7	396.1	1.86	04/08/2025
Cobalt		1.0		941	1000	0.4919	94.0	971.3	3.22	04/08/2025
Lead		1.0		981	1000	1.789	98.0	977.4	0.39	04/08/2025
Lithium	*	3.0		912	1000	10.19	90.2	918.8	0.77	04/08/2025
Molybdenum		1.5		1060	1000	6.787	105.0	1060	0.27	04/08/2025
Selenium		1.0		1110	1000	0	110.7	1169	5.42	04/08/2025
Thallium		2.0		473	500.0	0	94.5	468.7	0.81	04/08/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237085		SampType: MBLK		Units µg/L							Date Analyzed
SampID: MBLK-237085											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	04/08/2025	
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	04/08/2025	
Barium		1.0		< 1.0	0.7000	0	0	-100	100	04/08/2025	
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	04/08/2025	
Boron		25.0		< 25.0	9.250	0	0	-100	100	04/08/2025	
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	04/08/2025	
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	04/08/2025	
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	04/08/2025	
Copper		1.0		< 1.0	0.2980	0	0	-100	100	04/08/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100	04/08/2025	
Lead		1.0		< 1.0	0.6000	0	0	-100	100	04/08/2025	
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	04/08/2025	
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	04/08/2025	
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	04/08/2025	
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	04/08/2025	
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	04/08/2025	
Silver		1.0		< 1.0	0.1110	0	0	-100	100	04/11/2025	
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	04/08/2025	
Tin	*	5.0		< 5.0	0.5000	0	0	-100	100	04/08/2025	
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	04/08/2025	
Zinc		15.0		< 15.0	5.900	0	0	-100	100	04/08/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237085		SampType: LCS		Units µg/L							
SampID: LCS-237085											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		1170	1000	0	116.5	80	120	04/08/2025	
Arsenic		1.0		1050	1000	0	105.1	80	120	04/08/2025	
Barium		1.0		4510	4000	0	112.8	80	120	04/08/2025	
Beryllium		1.0		92.0	100.0	0	92.0	80	120	04/08/2025	
Boron		25.0		972	1000	0	97.2	80	120	04/08/2025	
Cadmium		1.0		114	100.0	0	113.9	80	120	04/08/2025	
Chromium		1.5		393	400.0	0	98.3	80	120	04/08/2025	
Cobalt		1.0		968	1000	0	96.8	80	120	04/08/2025	
Copper		1.0		491	500.0	0	98.2	80	120	04/08/2025	
Iron		25.0		3900	4000	0	97.5	80	120	04/08/2025	
Lead		1.0		980	1000	0	98.0	80	120	04/08/2025	
Lithium	*	3.0		899	1000	0	89.9	80	120	04/08/2025	
Manganese		2.0		1000	1000	0	100.1	80	120	04/08/2025	
Molybdenum		1.5		1050	1000	0	105.0	80	120	04/08/2025	
Nickel		1.0		1080	1000	0	108.2	80	120	04/08/2025	
Selenium		1.0		1140	1000	0	113.5	80	120	04/08/2025	
Silver		1.0		104	100.0	0	104.3	80	120	04/11/2025	
Thallium		2.0		472	500.0	0	94.4	80	120	04/08/2025	
Tin	*	5.0		1130	1000	0	113.3	80	120	04/08/2025	
Vanadium		5.0		967	1000	0	96.7	80	120	04/08/2025	
Zinc		15.0		1030	1000	0	103.3	80	120	04/08/2025	

Batch 237085		SampType: MS		Units µg/L						
SampID: 25031355-065CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		25.0		1210	1000	143.3	106.7	75	125	04/08/2025
Chromium		1.5		406	400.0	1.782	101.1	75	125	04/09/2025
Iron		25.0		6070	4000	1975	102.3	75	125	04/08/2025
Manganese		2.0		1180	1000	181.5	99.7	75	125	04/10/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch	237085	SampType:	MSD	Units µg/L						RPD Limit 20	
SampID: 25031355-065CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Boron		25.0		1210	1000	143.3	106.5	1210	0.17	04/08/2025	
Chromium		1.5		402	400.0	1.782	100.1	406.2	0.99	04/09/2025	
Iron		25.0		6050	4000	1975	102.0	6069	0.23	04/08/2025	
Manganese		2.0		1170	1000	174.8	99.2	1188	1.75	04/10/2025	

Batch 237085		SampType: MS		Units µg/L							
SampID: 25040489-008BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Selenium		1.0		1150	1000	0	114.5	75	125	04/08/2025	

Batch 237085		SampType: MSD		Units µg/L				RPD Limit 20				Date Analyzed
SampID: 25040489-008BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Selenium		1.0		1190	1000	0	119.5	1145	4.22			
											04/08/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237232		SampType: MBLK		Units µg/L							Date Analyzed
SampID: MBLK-237232											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		25.0		< 25.0	12.50	0	0	-100	100	04/09/2025	
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	04/09/2025	
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	04/09/2025	
Barium		1.0		< 1.0	0.7000	0	0	-100	100	04/09/2025	
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	04/09/2025	
Boron		25.0		< 25.0	9.250	0	0	-100	100	04/09/2025	
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	04/09/2025	
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	04/09/2025	
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	04/09/2025	
Copper		1.0	S	2.0	0.2980	0	674.7	-100	100	04/09/2025	
Lead		1.0		< 1.0	0.6000	0	0	-100	100	04/09/2025	
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	04/09/2025	
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	04/09/2025	
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	04/09/2025	
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	04/09/2025	
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	04/09/2025	
Silver		1.0		< 1.0	0.1110	0	0	-100	100	04/09/2025	
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	04/09/2025	
Tin	*	5.0		< 5.0	0.5000	0	0	-100	100	04/09/2025	
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	04/09/2025	
Zinc		15.0		< 15.0	5.900	0	0	-100	100	04/09/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237232		SampType: LCS		Units µg/L							Date Analyzed
SampleID: LCS-237232											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		25.0		3710	4000	0	92.8	80	120	04/09/2025	
Antimony		1.0		1130	1000	0	113.0	80	120	04/09/2025	
Arsenic		1.0		1020	1000	0	102.2	80	120	04/09/2025	
Barium		1.0		4530	4000	0	113.4	80	120	04/09/2025	
Beryllium		1.0		94.7	100.0	0	94.7	80	120	04/09/2025	
Boron		25.0		988	1000	0	98.8	80	120	04/09/2025	
Cadmium		1.0		109	100.0	0	108.5	80	120	04/09/2025	
Chromium		1.5		406	400.0	0	101.6	80	120	04/09/2025	
Cobalt		1.0		999	1000	0	99.9	80	120	04/09/2025	
Copper		1.0	B	512	500.0	0	102.4	80	120	04/09/2025	
Lead		1.0		1010	1000	0	101.4	80	120	04/09/2025	
Lithium	*	3.0		957	1000	0	95.7	80	120	04/09/2025	
Manganese		2.0		1020	1000	0	101.8	80	120	04/09/2025	
Molybdenum		1.5		1030	1000	0	103.3	80	120	04/09/2025	
Nickel		1.0		997	1000	0	99.7	80	120	04/09/2025	
Selenium		1.0		1020	1000	0	101.6	80	120	04/09/2025	
Silver		1.0		96.7	100.0	0	96.7	80	120	04/09/2025	
Thallium		2.0		484	500.0	0	96.8	80	120	04/09/2025	
Tin	*	5.0		1080	1000	0	108.1	80	120	04/09/2025	
Vanadium		5.0		1020	1000	0	102.5	80	120	04/09/2025	
Zinc		15.0		968	1000	0	96.8	80	120	04/09/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237302 SampType: MBLK Units µg/L

SampleID: MBLK-237302

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Aluminum		25.0		< 25.0	12.50	0	0	-100	100	04/10/2025
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	04/10/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	04/10/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	04/10/2025
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	04/10/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	04/10/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	04/10/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	04/10/2025
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	04/10/2025
Copper		1.0		< 1.0	0.2980	0	0	-100	100	04/10/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	04/10/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	04/10/2025
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	04/10/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	04/10/2025
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	04/10/2025
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	04/10/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	04/10/2025
Silver		1.0		< 1.0	0.1110	0	0	-100	100	04/10/2025
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	04/10/2025
Tin	*	5.0		< 5.0	0.5000	0	0	-100	100	04/10/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	04/10/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	04/10/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237302		SampType: LCS		Units µg/L							
SampID: LCS-237302											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aluminum		25.0		3750	4000	0	93.6	80	120	04/10/2025	
Antimony		1.0		948	1000	0	94.8	80	120	04/10/2025	
Arsenic		1.0		965	1000	0	96.5	80	120	04/10/2025	
Barium		1.0		4450	4000	0	111.3	80	120	04/10/2025	
Beryllium		1.0		95.1	100.0	0	95.1	80	120	04/10/2025	
Boron		25.0		996	1000	0	99.6	80	120	04/10/2025	
Cadmium		1.0		111	100.0	0	110.6	80	120	04/10/2025	
Chromium		1.5		390	400.0	0	97.5	80	120	04/10/2025	
Cobalt		1.0		954	1000	0	95.4	80	120	04/10/2025	
Copper		1.0		481	500.0	0	96.3	80	120	04/10/2025	
Iron		25.0		3770	4000	0	94.4	80	120	04/10/2025	
Lead		1.0		1010	1000	0	101.1	80	120	04/10/2025	
Lithium	*	3.0		981	1000	0	98.1	80	120	04/10/2025	
Manganese		2.0		976	1000	0	97.6	80	120	04/10/2025	
Molybdenum		1.5		1010	1000	0	101.3	80	120	04/10/2025	
Nickel		1.0		951	1000	0	95.1	80	120	04/10/2025	
Selenium		1.0		968	1000	0	96.8	80	120	04/10/2025	
Silver		1.0	S	125	100.0	0	125.3	80	120	04/10/2025	
Thallium		2.0		502	500.0	0	100.4	80	120	04/10/2025	
Tin	*	5.0		916	1000	0	91.6	80	120	04/10/2025	
Vanadium		5.0		985	1000	0	98.5	80	120	04/10/2025	
Zinc		15.0		943	1000	0	94.3	80	120	04/10/2025	

Batch 237350		SampType: MBLK		Units µg/L							
SampID: MBLK-237350											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Copper		1.0		< 1.0	0.2980	0	0	-100	100	04/11/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100	04/11/2025	

Batch 237350		SampType: LCS		Units µg/L							
SampID: LCS-237350											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Copper		1.0		515	500.0	0	103.0	80	120	04/11/2025	
Iron		25.0		3840	4000	0	95.9	80	120	04/11/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 237515 SampType: MBLK Units µg/L

SampID: MBLK-237515

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		1.0		< 1.0	0.7000	0	0	-100	100	04/15/2025

Batch 237515 SampType: LCS Units µg/L

SampID: LCS-237515

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		2.0		3840	4000	0	96.0	80	120	04/15/2025

Batch 237515 SampType: MS Units µg/L

SampID: 25031355-004CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Barium		1.0		3130	4000	8.301	78.1	75	125	04/15/2025

Batch 237515 SampType: MSD Units µg/L

SampID: 25031355-004CMSD

RPD Limit 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Barium		1.0		3020	4000	8.301	75.4	3132	3.53	04/15/2025

Batch 238149 SampType: MBLK Units µg/L

SampID: MBLK-238149

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	04/28/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	04/28/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	04/28/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	04/28/2025
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	04/28/2025
Copper		1.0		< 1.0	0.2980	0	0	-100	100	04/28/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	04/28/2025
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	04/28/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	04/28/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	04/28/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

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

Batch 238149		SampType: LCS		Units µg/L							
SampID: LCS-238149											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic		1.0		1000	1000	0	100.4	80	120	04/28/2025	
Barium		1.0		4390	4000	0	109.6	80	120	04/28/2025	
Boron		25.0		972	1000	0	97.2	80	120	04/28/2025	
Chromium		1.5		401	400.0	0	100.1	80	120	04/28/2025	
Cobalt		1.0		957	1000	0	95.7	80	120	04/28/2025	
Copper		1.0		514	500.0	0	102.8	80	120	04/28/2025	
Iron		25.0		3840	4000	0	96.0	80	120	04/28/2025	
Molybdenum		1.5		1030	1000	0	103.2	80	120	04/28/2025	
Vanadium		5.0		992	1000	0	99.2	80	120	04/28/2025	
Zinc		15.0		963	1000	0	96.3	80	120	04/28/2025	

SW-846 7470A (DISSOLVED)

Batch 237104		SampType: MS		Units µg/L							
SampID: 25031355-064DMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.20		5.08	5.000	0	101.6	75	125	04/07/2025	

Batch 237104		SampType: MSD		Units µg/L				RPD Limit 15			Date Analyzed
SampID: 25031355-064DMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Mercury		0.20		4.88	5.000	0	97.5	5.080	4.11	04/07/2025	

Batch 237114		SampType: MS		Units µg/L							
SampID: 25031355-078HMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.52	5.000	0	90.5	75	125	04/07/2025	

Batch 237114		SampType: MSD		Units µg/L				RPD Limit 15			Date Analyzed
SampID: 25031355-078HMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Mercury		0.20		4.47	5.000	0	89.5	4.524	1.11	04/07/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW-846 7470A (TOTAL)

Batch 237062		SampType: MBLK		Units µg/L							
SampID: MBLK-237062											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	04/04/2025	

Batch 237062		SampType: LCS		Units µg/L							
SampID: LCS-237062											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.48	5.000	0	89.6	85	115	04/04/2025	

Batch 237062		SampType: MS		Units µg/L							
SampID: 25031355-004CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.53	5.000	0	90.6	75	125	04/04/2025	

Batch 237062		SampType: MSD		Units µg/L				RPD Limit 15			Date Analyzed
SampID: 25031355-004CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Mercury			0.20		4.56	5.000	0	91.2	4.529	0.73	04/04/2025

Batch 237062		SampType: MS		Units µg/L							
SampID: 25031355-012BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.67	5.000	0	93.4	75	125	04/04/2025	

Batch 237062		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25031355-012BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		4.58	5.000	0	91.6	4.668	1.94	04/04/2025

Batch 237063		SampType: MBLK		Units µg/L							
SampID: MBLK-237063											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	04/04/2025	

Batch 237063		SampType: LCS		Units µg/L							
SampID: LCS-237063											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.52	5.000	0	90.5	85	115	04/04/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW-846 7470A (TOTAL)

Batch 237063		SampType: MS		Units µg/L							
SampID: 25031355-018BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.41	5.000	0	88.2	75	125	04/04/2025	

Batch 237063		SampType: MSD		Units µg/L				RPD Limit 15			Date Analyzed	
SampID: 25031355-018BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Mercury			0.20		4.00	5.000	0	80.0	4.408	9.70	04/04/2025	

Batch 237063		SampType: MS		Units µg/L							
SampID: 25031355-021BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.12	5.000	0	82.4	75	125	04/04/2025	

Batch 237063		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25031355-021BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		4.20	5.000	0	83.9	4.121	1.83	04/04/2025

Batch 237104		SampType: MBLK		Units µg/L							
SampID: MBLK-237104											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	04/07/2025	

Batch 237104		SampType: LCS		Units µg/L							
SampID: LCS-237104											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.65	5.000	0	93.1	85	115	04/07/2025	

Batch 237104		SampType: MS		Units µg/L							
SampID: 25031355-065CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		5.05	5.000	0	101.1	75	125	04/07/2025	

Batch 237104		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25031355-065CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		5.01	5.000	0	100.2	5.053	0.84	04/07/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW-846 7470A (TOTAL)

Batch 237114		SampType: MBLK		Units µg/L							
SampID: MBLK-237114											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	04/07/2025	

Batch 237114		SampType: LCS		Units µg/L							
SampID: LCS-237114											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.46	5.000	0	89.2	85	115	04/07/2025	

Batch 237231		SampType: MBLK		Units µg/L							
SampID: MBLK-237231											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	04/09/2025	

Batch 237231		SampType: LCS		Units µg/L							
SampID: LCS-237231											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.35	5.000	0	86.9	85	115	04/09/2025	

Batch 237231		SampType: MS		Units µg/L							
SampID: 25031355-001FMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.74	5.000	0	94.7	75	125	04/09/2025	

Batch 237231		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25031355-001FMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		4.70	5.000	0	94.1	4.737	0.68	04/09/2025

Batch 237231		SampType: MS		Units µg/L							
SampID: 25031355-063FMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.78	5.000	0	95.7	75	125	04/09/2025	

Batch 237231		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25031355-063FMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		4.67	5.000	0	93.3	4.784	2.51	04/09/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

SW-846 7470A (TOTAL)

Batch 237304		SampType: MBLK		Units µg/L								
SampID: MBLK-237304												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed		
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	04/10/2025		

Batch 237304		SampType: LCS		Units µg/L							
SampID: LCS-237304											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.54	5.000	0	90.9	85	115	04/10/2025	

Batch 237304		SampType: MS		Units µg/L							
SampID: 25031355-060DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.31	5.000	0	86.3	75	125	04/10/2025	

Batch 237304		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25031355-060DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		4.39	5.000	0	87.9	4.313	1.87	04/10/2025



Receiving Check List

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031355

Client Project: NEW-25Q2

Report Date: 09-May-25

Carrier: Daniel Crump

Received By: AMD

Completed by:

On:

03-Apr-25

Amber Dilallo

Reviewed by:

On:

09-Apr-25

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐	Temp °C 5.1
Type of thermal preservation?	None ☐	Ice ☒	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☒	No ☐		
Chain of custody signed when relinquished and received?	Yes ☒	No ☐		
Chain of custody agrees with sample labels?	Yes ☒	No ☐		
Samples in proper container/bottle?	Yes ☒	No ☐		
Sample containers intact?	Yes ☒	No ☐		
Sufficient sample volume for indicated test?	Yes ☒	No ☐		
All samples received within holding time?	Yes ☒	No ☐		
Reported field parameters measured:	Field ☒	Lab ☐	NA ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐		

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

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

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

Samples were received on 4/3/25 at 1410 on ice [5.1, 8.1, 6.1, 3.9, 3.3, 4.9, 3.5, 7.4, 2.5 and 4.9C - LTG#5]. pH strip #98858/101358. Additional Nitric Acid (102639) was needed upon arrival at the laboratory for APW16, R217D, G106, R217D Dup, G221, A215, APW09, APW07, A214 Dup, APW09 Dup, G17S, APW12 and APW15. Additional Sodium Hydroxide (102642) was needed upon arrival at the laboratory for R217D, G106, G139, G139 Dup, R217D Dup and G217S. Equipment Blank 1 was filtered unpreserved and preserved with Nitric Acid (102639) and Sulfuric Acid (101237) for the dissolved parameters upon arrival at the laboratory. - amberdilallo - 4/3/2025 5:50:09 PM

Samples were received on 4/7/25 at 1935 on ice [8.9, 5.8, 6.7 and 13.4C - LTG#5]. Additional Nitric Acid (102639) was needed upon arrival at the laboratory for R219. Additional Sodium Hydroxide (102642) was needed upon arrival at the laboratory for A213 and G136. pH strip #98858/101358. Equipment Blank 2 was filtered unpreserved and preserved with Nitric Acid (102639) and Sulfuric Acid (101237) for the dissolved parameters upon arrival at the laboratory. - amberdilallo - 4/8/2025 12:43:15 PM

Samples were received on 4/8/25 at 1520 on ice [10.9 and 12.3C - LTG#5]. Additional Nitric Acid (102639) was needed in L1R and LREP upon arrival at the laboratory. pH strip #98858/101358. L1R and Field Blank were filtered unpreserved and preserved with Nitric Acid (102639) and Sulfuric Acid (101237) for the dissolved parameters upon arrival at the laboratory. - amberdilallo - 4/9/2025 9:17:07 AM

25031355

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 1 of 5	
Company: Vistra Corp-Newton		Report To: Brian Voelker		Attention: Brian Voelker		REGULATORY AGENCY	
Address: 6725 N. 500th St		Copy To: Terry Hanratty - Terry.Hanratty@vistracorp.com		Company Name: Vistra Corp			
Newton, IL 62448		Kyle Ochs - kyle.ochs@vistracorp.com		Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:		NPDES GROUND WATER DRINKING WATER	
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:		UST RCRA OTHER	
Requested Due Date/TAT: 10 day		Project Number:		Profile #:		Site Location IL	
						STATE:	

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	MATRIX CODE	SAMPLE TYPE (see valid codes to left)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	NEW-257-501	NEW-257-502		NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER: Justin Gelp		DATE Signed (MM/DD/YY): 4-1-25	
SIGNATURE of SAMPLER: Justin Gelp			

Added HNO3(102639) to APW16, R217D, G106, R217D Dup, G221, A215, APW09, APW07, A214 Dup, APW09 Dup, G217S, APW12 & APW15. PHV 98858/101355.

Added NaOH(102642) to G233 HS 10f3. 5.1, 8.1, 6.1, 3.9, 0HS in all 3.3, 4.9, 3.5, 7.4, other vials. 2.5, 4.9C ice LCA's. R217D Dup & G217S. sm 4/3/25

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

Page: 2 of 5

Company: Vistra Corp-Newton		Report To: Brian Voelker		Attention: Brian Voelker		REGULATORY AGENCY		
Address: 6725 N. 500th St		Copy To: Terry Hanratty - Terry.Hanratty@vistracorp.com		Company Name: Vistra Corp				
Newton, IL 62448		Kyle Ochs - kyle.ochs@vistracorp.com		Address: see Section A		NPDES GROUND WATER DRINKING WATER UST RCRA OTHER		
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:		Site Location IL STATE: 		
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:				
Requested Due Date/TAT: 10 day		Project Number:		Profile #:				

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL QL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N Analysis Test	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.				
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501										
1	APW14	WT G	4-7-25	1002	2	1	1							X													25031355-017						
2	APW15	WT G	4-2-25	1051	2	1	1							X													25031355-018						
3	APW16	WT G	4-1-25	1417	2	1	1							X													25031355-019						
4	APW17	WT G	4-1-25	1144	2	1	1							X													25031355-020						
5	APW18	WT G	4-1-25	1220	2	1	1							X													25031355-021						
6	G104	WT G	4-2-25	1204	5	2	1	1		1						X											25031355-022						
7	G104D	WT G			0											X											25031355-023						
8	G104S	WT G			0											X											25031355-024						
9	G105	WT G			5	2	1	1		1						X											25031355-025						
10	G106	WT G	4-2-25	1250	5	2	1	1		1						X											25031355-026						
11	G109	WT G			0											X											25031355-027						
12	G111	WT G			0											X											25031355-028						
13	G112	WT G			0											X											25031355-029						
14	G113	WT G			0											X											25031355-030						
15	G114	WT G			0											X											25031355-031						
16	G115	WT G			0											X											25031355-032						
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																					
NEW-25Q2 Rev 0			21 SO		4-3	1410	Under Ocular			4/3/25	1410	y z																					

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp SIGNATURE of SAMPLER: <i>Justin Colp</i>				
DATE Signed (MM/DD/YY): 4-1-25					

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Page: 3 of 5

Company: Vistra Corp-Newton	Report To: Brian Voelker	Attention: Brian Voelker	REGULATORY AGENCY		
Address: 6725 N. 500th St	Copy To: Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name: Vistra Corp			
Newton, IL 62448	Kyle Ochs - kyle.ochs@vistracorp.com	Address: see Section A	NPDES	GROUND WATER	DRINKING WATER
Email To: Brian.Voelker@VistraCorp.com	Purchase Order No.:	Quote Reference:	UST	RCRA	OTHER
Phone: (217) 753-8911	Fax:	Project Manager:	Site Location	IL	
Requested Due Date/TAT: 10 day	Project Number:	Profile #:	STATE:		

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N Analysis Test	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.				
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501										
1	G116	WT G	4-3-25	1042		5	2	1	1		1					X											25031355-033						
2	G117	WT G				0										X											25031355-034						
3	G118	WT G				0										X											25031355-035						
4	G119	WT G				0										X											25031355-036						
5	G120	WT G				0										X											25031355-037						
6	G125	WT G				5	2	1	1		1					X											25031355-038						
7	G128	WT G				5	2	1	1		1					X											25031355-039						
8	G130	WT G				5	2	1	1		1					X											25031355-040						
9	G133	WT G				5	2	1	1		1					X											25031355-041						
10	G136	WT G				5	2	1	1		1					X											25031355-042						
11	G139	WT G	4-2-25	1451		5	2	1	1		1					X											25031355-043						
12	G141	WT G	4-3-25	1051		5	2	1	1		1					X											25031355-044						
13	G202	WT G	4-1-25	1333		1	1									X											25031355-045						
14	G217S	WT G	4-3-25	954		11	3	3	1	3	1					X											25031355-046						
15	G221	WT G	4-3-25	953		17	8	3	2	3	1					X											25031355-047						
16	G225	WT G				11	3	3	1	3	1					X											25031355-048						
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION				DATE	TIME	SAMPLE CONDITIONS																				
NEW-25Q2 Rev 0			[Signature]		4-3	1410	[Signature]				4/3/25	1410	y z																				

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Colp					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 4-1-25				

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25031355

Required Client Information:

Required Project Information:

Invoice Information:

Page: 4 of 5

Company: Vistra Corp-Newton		Report To: Brian Voelker	Attention: Brian Voelker			
Address: 6725 N. 500th St		Copy To: Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name: Vistra Corp	REGULATORY AGENCY		
Newton, IL 62448		Kyle Ochs - kyle.ochs@vistracorp.com	Address: see Section A	NPDES	GROUND WATER	DRINKING WATER
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:	Quote Reference:	UST	RCRA	OTHER
Phone: (217) 753-8911	Fax:	Project Name:	Project Manager:	Site Location		
Requested Due Date/TAT: 10 day		Project Number:	Profile #:	STATE:	IL	

[illegible]

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Cdp					
SIGNATURE of SAMPLER: <i>Justin Cdp</i>	DATE Signed (MM/DD/YY): 4-2-25				

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25031355

Required Client Information:

Required Project Information:

Invoice Information:

Page: 5 of 5

Company: Vistra Corp-Newton		Report To: Brian Voelker	Attention: Brian Voelker	REGULATORY AGENCY		
Address: 6725 N. 500th St		Copy To: Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name: Vistra Corp			
Newton, IL 62448		Kyle Ochs - kyle.ochs@vistracorp.com	Address: see Section A	NPDES	GROUND WATER	DRINKING WATER
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:	Quote Reference:	UST	RCRA	OTHER
Phone: (217) 753-8911	Fax:	Project Name:	Project Manager:	Site Location	IL	
Requested Due Date/TAT: 10 day		Project Number:	Profile #:	STATE:		

[illegible]

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Justin Colp				
SIGNATURE of SAMPLER:	Justin Colp				
DATE Signed (MM/DD/YY):		4-1-25			

8.9, 5.8, 6.7, 13.4 PH 101358
98858
TCC # 5

CHAIN-OF-CUSTODY / Analytical Request Document

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT PRIMARY RESPONSE
NEW-845-501

25031355

Section A

Required Client Information:

Section B

Required Project Information:

Section C

Invoice Information:

Page: 1 of 5

Required Client Information:		Required Project Information:		Invoice Information:			
Company: Vistra Corp-Newton		Report To: Brian Voelker		Attention: Brian Voelker			
Address: 6725 N. 500th St		Copy To: Terry Hanratty - Terry.Hanratty@vistracorp.com		Company Name: Vistra Corp		REGULATORY AGENCY	
Newton, IL 62448		Kyle Ochs - kyle.ochs@vistracorp.com		Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:		NPDES GROUND WATER DRINKING WATER	
Phone: (217) 753-8911		Fax:		Project Manager:		UST RCRA OTHER	
Requested Due Date/TAT: 10 day		Project Name:		Project Manager:		Site Location	
		Project Number:		Profile #:		STATE: IL	

[illegible]

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Cole					
SIGNATURE of SAMPLER: 	DATE Signed (MM/DD/YY): 4-7-25				

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

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

Page: 2 of 5

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

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Colp					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 4-7-25				

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

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 Gdp					
SIGNATURE of SAMPLER:	DATE Signed (MM/DD/YY): 4-7-85				

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

Page: 5 of 5

REGULATORY AGENCY

SAMPLE ID

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Cole					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 4-7-05				

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

Page: 4 of 5

ITEM #	Section D Required Client Information	SAMPLE ID (A-Z, O-9 / -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	MATRIX TYPE (G=GRAB C-COMP)	COLLECTED DATE TIME		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives Unpreserved H ₂ SO ₄ HNO ₃ HCI NaOH Na ₂ S ₂ O ₃ Methanol Other								Analysis Test# NEW-257-501 NEW-257-502 NEW-811-502 NEW-811-503 NEW-845-501 NEW-NPDES-501	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G230	WT G					11	3	3	1	3	1			X									25031355-049					
2	G231	WT G					11	3	3	1	3	1			X									25031355-050					
3	G232	WT G					11	3	3	1	3	1			X									25031355-051					
4	G233	WT G					11	3	3	1	3	1			X									25031355-052					
5	G234	WT G					11	3	3	1	3	1			X									25031355-053					
6	L1R	WT G	4/8/25	1212			7	2	3	2						X								25031355-054					
7	L201	WT G					0									X								25031355-055					
8	L202	WT G					0									X								25031355-056					
9	L203	WT G					0									X								25031355-057					
10	L204	WT G					0									X								25031355-058					
11	L205	WT G					0									X								25031355-059					
12	L301	WT G	4/8/25	1144			18	10	3	1	3	1			X									25031355-060					
13	LREP	WT G	4/8/25	1129			8	4		1	3				X									25031355-061					
14	R217D	WT G					17	8	3	2	3	1			X									25031355-062					
15	R219	WT G					17	8	3	2	3	1			X									25031355-063					
16	S101	WT G					7	2	3	2						X								25031355-064					
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																
NEW-25Q2 Rev 0			Theresa Carroll			4/8/25	1520	Cindy Qualls			4/8/25	1520	S101 > z +																

Added HNO₃ (102639) to LIR
& UREP. Per Tracy Carroll,
filter LIR in lab. pH ✓ 98858/101358 OHS Jim 4/9/25

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

Page: 5 of 5

[illegible]

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Tracy Carroll					
SIGNATURE of SAMPLER: <i>Tracy Carroll</i>	DATE Signed (MM/DDYY): 4/8/25				

May 09, 2025

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



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

RE: NEW-25Q2

WorkOrder: 25031356

Dear Eric Bauer:

TEKLAB, INC received 24 samples on 4/8/2025 3:20:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



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



Report Contents

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031356

Client Project: NEW-25Q2

Report Date: 09-May-25

This reporting package includes the following:

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

Client: Ramboll

Work Order: 25031356

Client Project: NEW-25Q2

Report Date: 09-May-25

Abbr Definition

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)



Definitions

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031356

Client Project: NEW-25Q2

Report Date: 09-May-25

Qualifiers

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



Case Narrative

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

Client: Ramboll

Work Order: 25031356

Client Project: NEW-25Q2

Report Date: 09-May-25

Cooler Receipt Temp: 5.1 °C

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

Equipment Blank 3 was not required.

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

Locations

Collinsville

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

Collinsville Air

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

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Chicago

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

Kansas City

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



Accreditations

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031356

Client Project: NEW-25Q2

Report Date: 09-May-25

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2026	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2026	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2025	Collinsville
Arkansas	ADEQ	88-0966		3/14/2026	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	KWLCP	KY98050		12/31/2025	Collinsville
Kentucky	KWLCP	KY98006		12/31/2025	Collinsville
Kentucky	UST	0073		1/31/2026	Collinsville
Mississippi	MSDH			4/30/2026	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-001
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW02
Collection Date: 04/01/2025 11:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:23	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-002
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW03
Collection Date: 04/02/2025 9:59

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:23	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-003
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW04
Collection Date: 04/02/2025 9:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:24	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-004
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW05
Collection Date: 04/01/2025 10:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:24	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-005
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW05S
Collection Date: 04/01/2025 9:53

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:24	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-006
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW06
Collection Date: 04/02/2025 11:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:24	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-007
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW07
Collection Date: 04/02/2025 10:54

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:23	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-008
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW08
Collection Date: 04/02/2025 10:56

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:23	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-009
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW09
Collection Date: 04/02/2025 9:34

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:23	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-010
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW10
Collection Date: 04/02/2025 10:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:24	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-011
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW11
Collection Date: 04/02/2025 11:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:24	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-012
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW12
Collection Date: 04/02/2025 9:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:24	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-013
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW13
Collection Date: 04/02/2025 9:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:25	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-014
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW14
Collection Date: 04/02/2025 10:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:25	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-015
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW15
Collection Date: 04/02/2025 10:51

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:25	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-016
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW16
Collection Date: 04/01/2025 14:17

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:25	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-017
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW17
Collection Date: 04/01/2025 11:44

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:25	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-018
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW18
Collection Date: 04/01/2025 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	05/06/2025 12:25	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-019
Matrix: AQUEOUS

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: Field Blank
Collection Date: 04/08/2025 12:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:25	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-020
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW09 Duplicate
Collection Date: 04/02/2025 9:34

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:25	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-021
Matrix: GROUNDWATER

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: APW18 Duplicate
Collection Date: 04/01/2025 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	05/06/2025 12:28	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-022
Matrix: AQUEOUS

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: Equipment Blank 1
Collection Date: 04/02/2025 16:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:28	R364634



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q2
Lab ID: 25031356-023
Matrix: AQUEOUS

Work Order: 25031356
Report Date: 09-May-25
Client Sample ID: Equipment Blank 2
Collection Date: 04/07/2025 16:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	05/06/2025 12:28	R364634



Sample Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031356

Client Project: NEW-25Q2

Report Date: 09-May-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25031356-001	APW02	Groundwater	1	04/01/2025 11:14
25031356-002	APW03	Groundwater	1	04/02/2025 9:59
25031356-003	APW04	Groundwater	1	04/02/2025 9:27
25031356-004	APW05	Groundwater	1	04/01/2025 10:24
25031356-005	APW05S	Groundwater	1	04/01/2025 9:53
25031356-006	APW06	Groundwater	1	04/02/2025 11:30
25031356-007	APW07	Groundwater	1	04/02/2025 10:54
25031356-008	APW08	Groundwater	1	04/02/2025 10:56
25031356-009	APW09	Groundwater	1	04/02/2025 9:34
25031356-010	APW10	Groundwater	1	04/02/2025 10:09
25031356-011	APW11	Groundwater	1	04/02/2025 11:43
25031356-012	APW12	Groundwater	1	04/02/2025 9:01
25031356-013	APW13	Groundwater	1	04/02/2025 9:31
25031356-014	APW14	Groundwater	1	04/02/2025 10:02
25031356-015	APW15	Groundwater	1	04/02/2025 10:51
25031356-016	APW16	Groundwater	1	04/01/2025 14:17
25031356-017	APW17	Groundwater	1	04/01/2025 11:44
25031356-018	APW18	Groundwater	1	04/01/2025 12:20
25031356-019	Field Blank	Aqueous	1	04/08/2025 12:05
25031356-020	APW09 Duplicate	Groundwater	1	04/02/2025 9:34
25031356-021	APW18 Duplicate	Groundwater	1	04/01/2025 12:20
25031356-022	Equipment Blank 1	Aqueous	1	04/02/2025 16:30
25031356-023	Equipment Blank 2	Aqueous	1	04/07/2025 16:15
25031356-024	Equipment Blank 3	Aqueous	1	



Receiving Check List

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25031356

Client Project: NEW-25Q2

Report Date: 09-May-25

Carrier: Daniel Crump

Received By: AMD

Completed by:

On:

04-Apr-25

Amber Dilallo

Reviewed by:

On:

09-Apr-25

Elizabeth A. Hurley

Pages to follow:

Chain of custody

12

Extra pages included

31

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C 5.1

Type of thermal preservation?

None ☐

Ice ☒

Blue Ice ☐

Dry Ice ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Reported field parameters measured:

Field ☐

Lab ☐

NA ☒

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

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

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

Yes ☐

No ☐

No VOA vials ☒

Water - TOX containers have zero headspace?

Yes ☐

No ☐

No TOX containers ☒

Water - pH acceptable upon receipt?

Yes ☐

No ☒

NA ☐

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

Yes ☐

No ☐

NA ☒

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

Samples were received on 4/3/25 at 1410 on ice [5.1, 8.1, 6.1, 3.9, 3.3, 4.9, 3.5, 7.9, 2.5, and 4.9C - LTG#5]. Additional Nitric Acid (102639) was needed upon arrival at the laboratory for APW09, APW15 and APW16. pH strip #101358. - amberdilallo - 4/4/2025 9:18:02 AM

Samples were received on 4/7/25 at 1935 on ice [8.9C - LTG#5]. pH strip #101358. - amberdilallo - 4/8/2025 10:17:41 AM

Samples were received on 4/8/25 at 1520 on ice [10.9 and 12.3C - LTG#5]. pH strip #101358. - amberdilallo - 4/9/2025 9:21:10 AM

25031356

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 1 of 5	
Company: Vistra Corp-Newton		Report To: Brian Voelker		Attention: Brian Voelker		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER	
Address: 6725 N. 500th St		Copy To: Terry Hanratty - Terry.Hanratty@vistracorp.com		Company Name: Vistra Corp			
Newton, IL 62448		Kyle Ochs - kyle.ochs@vistracorp.com		Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:		Site Location STATE: IL	
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:			
Requested Due Date/TAT: 10 day		Project Number:		Profile #:			

ITEM #	Section D Required Client Information	Valid Matrix Codes										MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Y/N Analysis Test	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Radium 226/228, only																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		MATRIX												DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	NEW-257-501	NEW-257-502		NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER: Justin Ochs		DATE Signed (MM/DD/YY): 4-1-25	
SIGNATURE of SAMPLER: Justin Ochs			

Added HNO₃ (102639) to
APW09 2/2, APW15 2/2, 8
APW16 2/2. pH ✓ 10.1358
on 4/4/25

8.1, 6.1, 3.9, 3.3,
4.9, 3.5, 7.9, 2.5,
4.9 & 5.1 ice caps

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Page: 2 of 5

[illegible]

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Gdp					
SIGNATURE of SAMPLER: <i>Justin Gdp</i>	DATE Signed (MM/DD/YY): 4-1-25				

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

Invoice Information:

Page: 3 of

Company: Vistra Corp-Newton		Report To: Brian Voelker	Attention: Brian Voelker	REGULATORY AGENCY		
Address: 6725 N. 500th St		Copy To: Terry Hanratty - Terry.Hanratty@vistracorp.com	Company Name: Vistra Corp			
Newton, IL 62448		Kyle Ochs - kyle.ochs@vistracorp.com	Address: see Section A	NPDES	GROUND WATER	DRINKING WATER
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:	Quote Reference:	UST	RCRA	OTHER
Phone: (217) 753-8911	Fax:	Project Name:	Project Manager:	Site Location	IL	
Requested Due Date/TAT: 10 day		Project Number:	Profile #:	STATE:		

ITEM #	Section D Required Client Information	Valid Matrix Codes		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Requested Analysis Filtered (Y/N)										Radium 226/228, only					
		SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT SL SOIL/SOLID OL OIL WP WIPE AR AIR OT OTHER TS			DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501									Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G116	WT	G	4-3-25	1042		0									X		X										N/A						
2	G117	WT	G				0									X												N/A						
3	G118	WT	G				0									X												N/A						
4	G119	WT	G				0									X												N/A						
5	G120	WT	G				0									X												N/A						
6	G125	WT	G				0									X												N/A						
7	G128	WT	G				0									X												N/A						
8	G130	WT	G				0									X												N/A						
9	G133	WT	G				0									X												N/A						
10	G136	WT	G				0									X												N/A						
11	G139	WT	G	4-2-25	1451		0									X												N/A						
12	G141	WT	G	4-3-25	1051		0									X												N/A						
13	G202	WT	G	4-1-25	1333		0										X											N/A						
14	G217S	WT	G	4-3-25	954		0										X											N/A						
15	G221	WT	G	4-3-25	953		0										X											N/A						
16	G225	WT	G				0									X												N/A						
ADDITIONAL COMMENTS				RELINQUISHED BY / AFFILIATION				DATE	TIME	ACCEPTED BY / AFFILIATION				DATE	TIME	SAMPLE CONDITIONS																		
NEW-25Q2 Rev 0				[Signature]				4-3	1410	[Signature]				4/2/25	1410	y z																		

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Colp					
SIGNATURE of SAMPLER: <i>Justin Colp</i>	DATE Signed (MM/DD/YY): 4-1-25				

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

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Gelp					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 4-2-25				

25031356

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 5 of 5	
Company: Vistra Corp-Newton		Report To: Brian Voelker		Attention: Brian Voelker		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER Site Location: IL STATE:	
Address: 6725 N. 500th St		Copy To: Terry Hanratty - Terry.Hanratty@vistracorp.com		Company Name: Vistra Corp			
Newton, IL 62448		Kyle Ochs - kyle.ochs@vistracorp.com		Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:			
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:			
Requested Due Date/TAT: 10 day		Project Number:		Profile #:			

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Matrix Codes DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT SOIL/SOLID SL OIL WP WIPE AR AIR OT OTHER TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Radium 226/228, only	Project No./ Lab I.D.	
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501								
1	S102		WT	G	4-2-25	1339		0																							N/A
2	SG02		WT	G				0																							N/A
3	T101		WT	G	4-2-25	1244		0																							N/A
4	T102		WT	G	4-2-25	1320		0																							N/A
5	XSG01		WT	G				0																							N/A
6	Field Blank		WT	G				2			2																				25031356-019
7	A214 Duplicate		WT	G	4-2-25	1339		0																							N/A
8	APW09 Duplicate		WT	G	4-2-25	934		2			2																				25031356-020
9	APW18 Duplicate		WT	G	4-1-25	1220		2			2																				25031356-021
10	G116 Duplicate		WT	G	4-3-25	1042		0																							N/A
11	G139 Duplicate		WT	G				0																							N/A
12	G234 Duplicate		WT	G	4-3-25	1100		0																							N/A
13	R217D Duplicate		WT	G	4-3-25	1011		0																							N/A
14	Equipment Blank 1		WT	G	4-2-25	1430K		2			2																				25031356-022
15	Equipment Blank 2		WT	G				2			2																				25031356-023
16	Equipment Blank 3		WT	G		1630P		2			2																				25031356-024

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
NEW-25Q2 Rev 0		[Signature]		4-3	1410	[Signature]		4/3/25	1410				

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 Corp					
SIGNATURE of SAMPLER: [Signature]					
		DATE Signed (MM/DD/YY): 4-1-25			

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Page: 1 of 5

REGULATORY AGENCYRadium 226/228, only

Project No./ Lab I.D.

N/A

N/A

N/A

25031356-001

25031356-002

25031356-003

25031356-004

25031356-005

25031356-006

25031356-007

25031356-008

25051550-009
25051550-010

25001050 011

25024256 012

25031356-013

EXPERIMENTAL CONDITIONS

	3	
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Body Weight (Y/N)	Place
-------------------------	-------

Cust	Se	ool	Cam
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--	--	--

8.9 ice UTC5
pH ✓ 101358
Um 4/8/25

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Page: 2 of 5

REGULATORY AGENCYRadium 226/228, 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 Cole					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 4-7-25				

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

Page: 3 of 5

REGULATORY AGENCY

Radium 226/228, 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 Gdp					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 4-7-25				

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

Page: 4 of 5

						Requested Analysis Filtered (Y/N)								Radium 226/228, only																						
ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes				MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test# ↓ Y/N ↓											Residual Chlorine (Y/N)	Project No./ Lab I.D.					
		DRINKING WATER	DW	WT									Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃		Methanol	Other															
		WATER		WW	P																															
		WASTE WATER																																		
		PRODUCT SOIL/SOLID	SL																																	
		OIL		WP	AR	OT	TS																													
		WIPE																																		
AIR																																				
OTHER																																				
1	G230	WT	G							0										X							N/A									
2	G231	WT	G	4-7-25	1100					0										X						N/A										
3	G232	WT	G							0										X						N/A										
4	G233	WT	G							0										X						N/A										
5	G234	WT	G							0										X						N/A										
6	L1R	WT	G							0												X				N/A										
7	L201	WT	G							0												X				N/A										
8	L202	WT	G							0												X				N/A										
9	L203	WT	G							0												X				N/A										
10	L204	WT	G							0												X				N/A										
11	L205	WT	G							0												X				N/A										
12	L301	WT	G							0												X				N/A										
13	LREP	WT	G							0												X				N/A										
14	R217D	WT	G							0												X				N/A										
15	R219	WT	G	4-7-25	1345					0												X				N/A										
16	S101	WT	G							0													X			N/A										

ADDITIONAL COMMENTS RELINQUISHED BY / AFFILIATION DATE TIME ACCEPTED BY / AFFILIATION DATE TIME SAMPLE CONDITIONS

NEW-25Q2 Rev 0 Jimmy Carren 4/1/25 1935 Omar Ojeda 4/7/25 1935 y z

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRNT Name of SAMPLER: Justin Cdp	SIGNATURE of SAMPLER: [Signature]				
DATE Signed (MM/DD/YY): 4-7-25					

25031356

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 5 of 5	
Company: Visira Corp-Newton		Report To: Brian Voelker		Attention: Brian Voelker		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER	
Address: 6725 N. 500th St		Copy To: Terry Hanratty - Terry.Hanratty@vistracorp.com		Company Name: Visira Corp			
Newton, IL 62448		Kyle Ochs - kyle.ochs@vistracorp.com		Address: see Section A			
Email To: Brian.Voelker@VisiraCorp.com		Purchase Order No.:		Quote Reference:		Site Location STATE: IL	
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:			
Requested Due Date/TAT: 10 day		Project Number:		Profile #:			

ITEM #	Section D Required Client Information	Valid Matrix Codes		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N	Requested Analysis Filtered (Y/N)												Radium 226/228, only																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX			DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
NEW-25Q2 Rev 0		Justin Cole		4/7/25	1935	Justin Cole		4/7/25	1935	Temp in °C Received on Ice (Y/N) Custody Sealed Cooler (Y/N) Samples Intact (Y/N)			

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Cole					
SIGNATURE of SAMPLER: [Signature]					

DATE Signed (MM/DD/YY): 4-7-25

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

Page: 4 of 5

ITEM #	Section D Required Client Information	Valid Matrix Codes	MATRIX	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Analysis Test	Requested Analysis Filtered (Y/N)	Radium 226/228, only			
	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	DRINKING WATER WATER WASTE WATER PRODUCT SOIL/SOLID OIL WIPE AIR OTHER	DW WT WW P SL OL WP AR OT TS	DATE	TIME			Unpreserved H ₂ SO ₄ HNO ₃ HCl NaOH Na ₂ S ₂ O ₃ Methanol Other	NEW-257-501 NEW-257-502 NEW-811-502 NEW-811-503 NEW-845-501 NEW-NPDES-501	Residual Chlorine (Y/N)	Project No./ Lab I.D.			
1	G230					0					N/A			
2	G231					0					N/A			
3	G232					0					N/A			
4	G233					0					N/A			
5	G234					0					N/A			
6	L1R			4/8/25	1112	0				X	N/A			
7	L201					0				X	N/A			
8	L202					0				X	N/A			
9	L203					0				X	N/A			
10	L204					0				X	N/A			
11	L205					0				X	N/A			
12	L301			4/8/25	1144	0				X	N/A			
13	LREP			4/8/25	1129	0				X	N/A			
14	R217D					0				X	N/A			
15	R219					0				X	N/A			
16	S101					0				X	N/A			
ADDITIONAL COMMENTS				RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS		
NEW-25Q2 Rev 0				Jerryl G. Gools		4/8/25	1520	Jerryl G. Gools		4/8/25	1520	10.2 #5 10.2	> 7	z

pH v 101358
um
4/9/05

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: Tracy Carroll					
SIGNATURE of SAMPLER: <i>Tracy Carroll</i>	DATE Signed (MM/DD/YY): 4/8/25				

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

Page: 5 of 5

REGULATORY AGENCYNEW-25Q2 Rev 0PRINT Name of SAMPLER:

PRINT Name of SAMPLER: JOSEPH J. JONES

SIGNATURE of SAMPLER:

SIGNATURE of SAMPLER: *[Signature]*

DATE Signed _____

DATE Signed 4/8/25
(MM/DD/YY)

Temp in °C

Received on

Custody

Cooler (Y/N)

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/7/2025 4:13:07 PM

JOB DESCRIPTION

Radium-226 and Radium-228
25031356

JOB NUMBER

160-57702-1

Eurofins St. Louis

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



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5/7/2025 4:13:07 PM

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



Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Chain of Custody	6
Receipt Checklists	9
Definitions/Glossary	10
Method Summary	11
Sample Summary	12
Client Sample Results	13
QC Sample Results	25
QC Association Summary	28
Tracer Carrier Summary	30

Case Narrative

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

Job ID: 160-57702-1

Eurofins St. Louis

CASE NARRATIVE

Client: TekLab, Inc

Project: 25031356

Report Number: 160-57702-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition, all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method.

Eurofins Environment Testing attests to the validity of the laboratory data generated by Eurofins facilities reported herein. All analyses performed by Eurofins Environment Testing facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins Environment Testing's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Calculations are performed before rounding to avoid round-off errors in calculated results.

Proper preservation was noted for the methods performed on these samples, unless otherwise detailed below.

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

No additional analytical or quality issues were noted, other than those described below or in the Definitions/ Glossary page.

Receipt

The samples were received on 4/9/2025 1:32 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved. The temperatures of the 2 coolers at receipt time were 17.1°C and 17.7°C.

Method 903.0 - Radium-226 (GFPC)

Samples 25031356-001 (160-57702-1), 25031356-002 (160-57702-2), 25031356-003 (160-57702-3), 25031356-004 (160-57702-4), 25031356-005 (160-57702-5), 25031356-006 (160-57702-6), 25031356-007 (160-57702-7), 25031356-008 (160-57702-8), 25031356-009 (160-57702-9), 25031356-010 (160-57702-10), 25031356-011 (160-57702-11), 25031356-012 (160-57702-12), 25031356-013 (160-57702-13), 25031356-014 (160-57702-14), 25031356-015 (160-57702-15), 25031356-016 (160-57702-16), 25031356-017 (160-57702-17), 25031356-018 (160-57702-18), 25031356-019 (160-57702-19), 25031356-020 (160-57702-20), 25031356-021 (160-57702-21), 25031356-022 (160-57702-22) and 25031356-023 (160-57702-23) were analyzed for Radium-226 (GFPC). The samples were prepared on 4/11/2025 and analyzed on 5/6/2025.

Method 904.0 - Radium-228 (GFPC)

Samples 25031356-001 (160-57702-1), 25031356-002 (160-57702-2), 25031356-003 (160-57702-3), 25031356-004 (160-57702-4), 25031356-005 (160-57702-5), 25031356-006 (160-57702-6), 25031356-007 (160-57702-7), 25031356-008 (160-57702-8), 25031356-009 (160-57702-9), 25031356-010 (160-57702-10), 25031356-011 (160-57702-11), 25031356-012 (160-57702-12), 25031356-013 (160-57702-13), 25031356-014 (160-57702-14), 25031356-015 (160-57702-15), 25031356-016 (160-57702-16), 25031356-017 (160-57702-17), 25031356-018 (160-57702-18), 25031356-019 (160-57702-19), 25031356-020 (160-57702-20), 25031356-021 (160-57702-21), 25031356-022 (160-57702-22) and 25031356-023 (160-57702-23) were analyzed for Radium-228 (GFPC). The samples were prepared on 4/11/2025 and analyzed on 5/6/2025.

Batch 160-712125:

The laboratory control sample and/or laboratory control sample duplicate (LCS/LCSD) associated with the following samples

Eurofins St. Louis

Case Narrative

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501 Job ID: 160-57702-1

Job ID: 160-57702-1 (Continued)

Eurofins St. Louis

recovered at 128%: (LCS 160-712125/2-A). The limits in our LIMS system at (75-125%) reflect the requirements of a regulatory agency that represents a large amount of our work. However, the samples associated with this LCS are not from this agency and are, therefore, held to our in-house statistical limits of (68-154%). The LCS is within criteria and no further action is required.

Batch 160-712133:

The detection goal was not met for the following sample due to the reduction of sample size required by the presence of matrix interferences (discoloration, turbidity documented by the prep analyst): 25031356-009 (160-57702-9). Analytical results are reported with the detection limit achieved.

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

Samples 25031356-001 (160-57702-1), 25031356-002 (160-57702-2), 25031356-003 (160-57702-3), 25031356-004 (160-57702-4), 25031356-005 (160-57702-5), 25031356-006 (160-57702-6), 25031356-007 (160-57702-7), 25031356-008 (160-57702-8), 25031356-009 (160-57702-9), 25031356-010 (160-57702-10), 25031356-011 (160-57702-11), 25031356-012 (160-57702-12), 25031356-013 (160-57702-13), 25031356-014 (160-57702-14), 25031356-015 (160-57702-15), 25031356-016 (160-57702-16), 25031356-017 (160-57702-17), 25031356-018 (160-57702-18), 25031356-019 (160-57702-19), 25031356-020 (160-57702-20), 25031356-021 (160-57702-21), 25031356-022 (160-57702-22) and 25031356-023 (160-57702-23) were analyzed for Combined Radium-226 and Radium-228. The samples were analyzed on 5/7/2025.

Eurofins St. Louis

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

Project#

25031356

Contact:

abeth Hurley

Email:

ehurley@teklabinc.com

Requested Due Date:

Standard TAT

Billing/PO: 38236

Phone: (618) 344-1004 ext. 33

Comments:

Please Issue reports and invoices via email only

Please analyze for Radium 226/228 per methods specified for Vistra/Ramboll projects.

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

Batch QC is required for all analyses requested. **Vistra-EDD** requested.

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.

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	
	25031356-012	4/2/25 0901	HNO3	Groundwater	☐
	25031356-013	4/2/25 0931	HNO3	Groundwater	☐
	25031356-014	4/2/25 1002	HNO3	Groundwater	☐
	25031356-015	4/2/25 1051	HNO3	Groundwater	☐
	25031356-016	4/1/25 1417	HNO3	Groundwater	☐
	25031356-017	4/1/25 1144	HNO3	Groundwater	☐
	25031356-018	4/1/25 1220	HNO3	Groundwater	☐
	25031356-019	4/8/25 1205	HNO3	Aqueous	☐
	25031356-020	4/2/25 0934	HNO3	Groundwater	☐
	25031356-021	4/1/25 1220	HNO3	Groundwater	☐
	25031356-022	4/2/25 1630	HNO3	Aqueous	☐
					Radium 226
					Radium 228
					Po226/Po228

***Relinquished By**

Date/Time

Received By

Date/Time

Teklab maintains a strict policy of client confidentiality and as such does not provide client/sampler information without proper authorization. and proprietary rights, Teklab, Inc. protects clients' confidential information as directed by local, state or federal laws. (Teklab QAM Section 9.1, TNI V1 M2 Section 4.1.5 c)

SubCocRevA
3/2/2016

Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-57702-1

SDG Number: 25031356

Login Number: 57702

List Number: 1

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

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

Definitions/Glossary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

Method	Method Description	Protocol	Laboratory
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
Ra226_Ra228 Pos	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency
None = None
TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-57702-1	25031356-001	Water	04/01/25 11:14	04/09/25 13:32
160-57702-2	25031356-002	Water	04/02/25 09:59	04/09/25 13:32
160-57702-3	25031356-003	Water	04/02/25 09:27	04/09/25 13:32
160-57702-4	25031356-004	Water	04/01/25 10:24	04/09/25 13:32
160-57702-5	25031356-005	Water	04/01/25 09:53	04/09/25 13:32
160-57702-6	25031356-006	Water	04/02/25 11:30	04/09/25 13:32
160-57702-7	25031356-007	Water	04/02/25 10:54	04/09/25 13:32
160-57702-8	25031356-008	Water	04/02/25 10:56	04/09/25 13:32
160-57702-9	25031356-009	Water	04/02/25 09:34	04/09/25 13:32
160-57702-10	25031356-010	Water	04/02/25 10:09	04/09/25 13:32
160-57702-11	25031356-011	Water	04/02/25 11:43	04/09/25 13:32
160-57702-12	25031356-012	Water	04/02/25 09:01	04/09/25 13:32
160-57702-13	25031356-013	Water	04/02/25 09:31	04/09/25 13:32
160-57702-14	25031356-014	Water	04/02/25 10:02	04/09/25 13:32
160-57702-15	25031356-015	Water	04/02/25 10:51	04/09/25 13:32
160-57702-16	25031356-016	Water	04/01/25 14:17	04/09/25 13:32
160-57702-17	25031356-017	Water	04/01/25 11:44	04/09/25 13:32
160-57702-18	25031356-018	Water	04/01/25 12:20	04/09/25 13:32
160-57702-19	25031356-019	Water	04/08/25 12:05	04/09/25 13:32
160-57702-20	25031356-020	Water	04/02/25 09:34	04/09/25 13:32
160-57702-21	25031356-021	Water	04/01/25 12:20	04/09/25 13:32
160-57702-22	25031356-022	Water	04/02/25 16:30	04/09/25 13:32
160-57702-23	25031356-023	Water	04/07/25 16:15	04/09/25 13:32

Client Sample Results

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

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

Client Sample ID: 25031356-001

Lab Sample ID: 160-57702-1

Date Collected: 04/01/25 11:14

Matrix: Water

Date Received: 04/09/25 13:32

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.111	U	0.141	0.141	1.00	0.232	pCi/L	04/11/25 07:53	05/06/25 18:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.7		30 - 110					04/11/25 07:53	05/06/25 18:00	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	0.221	U	0.299	0.299	1.00	0.501	pCi/L	04/11/25 07:55	05/06/25 12:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.7		30 - 110					04/11/25 07:55	05/06/25 12:23	1
Y Carrier	80.7		30 - 110					04/11/25 07:55	05/06/25 12:23	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	0.332	U	0.331	0.331	5.00	0.501	pCi/L		05/07/25 09:07	1

Client Sample ID: 25031356-002

Lab Sample ID: 160-57702-2

Date Collected: 04/02/25 09:59

Matrix: Water

Date Received: 04/09/25 13:32

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.119	U	0.172	0.173	1.00	0.294	pCi/L	04/11/25 07:53	05/06/25 18:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.7		30 - 110					04/11/25 07:53	05/06/25 18:03	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.251	U	0.312	0.313	1.00	0.518	pCi/L	04/11/25 07:55	05/06/25 12:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.7		30 - 110					04/11/25 07:55	05/06/25 12:23	1
Y Carrier	81.1		30 - 110					04/11/25 07:55	05/06/25 12:23	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	0.370	U	0.356	0.358	5.00	0.518	pCi/L		05/07/25 09:07	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

Client Sample ID: 25031356-003

Lab Sample ID: 160-57702-3

Date Collected: 04/02/25 09:27

Matrix: Water

Date Received: 04/09/25 13:32

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	-0.104	U	0.132	0.132	1.00	0.333	pCi/L	04/11/25 07:53	05/06/25 18:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					04/11/25 07:53	05/06/25 18:04	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.603	U	0.420	0.423	1.00	0.637	pCi/L	04/11/25 07:55	05/06/25 12:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					04/11/25 07:55	05/06/25 12:24	1
Y Carrier	79.6		30 - 110					04/11/25 07:55	05/06/25 12:24	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	U	0.440	0.443	5.00	0.637	pCi/L		05/07/25 11:22	1

Client Sample ID: 25031356-004

Lab Sample ID: 160-57702-4

Date Collected: 04/01/25 10:24

Matrix: Water

Date Received: 04/09/25 13:32

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	0.266	U	0.211	0.213	1.00	0.312	pCi/L	04/11/25 07:53	05/06/25 18:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	98.5		30 - 110					04/11/25 07:53	05/06/25 18:44	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.130	U	0.290	0.290	1.00	0.508	pCi/L	04/11/25 07:55	05/06/25 12:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	98.5		30 - 110					04/11/25 07:55	05/06/25 12:24	1
Y Carrier	84.1		30 - 110					04/11/25 07:55	05/06/25 12:24	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	0.396	U	0.359	0.360	5.00	0.508	pCi/L		05/07/25 11:22	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

Client Sample ID: 25031356-005

Lab Sample ID: 160-57702-5

Date Collected: 04/01/25 09:53

Matrix: Water

Date Received: 04/09/25 13:32

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	0.0260	U	0.185	0.185	1.00	0.364	pCi/L	04/11/25 07:53	05/06/25 18:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.3		30 - 110					04/11/25 07:53	05/06/25 18:44	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.424	U	0.381	0.383	1.00	0.597	pCi/L	04/11/25 07:55	05/06/25 12:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.3		30 - 110					04/11/25 07:55	05/06/25 12:24	1
Y Carrier	75.1		30 - 110					04/11/25 07:55	05/06/25 12:24	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.450	U	0.424	0.425	5.00	0.597	pCi/L		05/07/25 11:22	1

Client Sample ID: 25031356-006

Lab Sample ID: 160-57702-6

Date Collected: 04/02/25 11:30

Matrix: Water

Date Received: 04/09/25 13:32

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	0.277	U	0.218	0.219	1.00	0.310	pCi/L	04/11/25 07:53	05/06/25 18:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.5		30 - 110					04/11/25 07:53	05/06/25 18:43	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.350	U	0.465	0.467	1.00	0.777	pCi/L	04/11/25 07:55	05/06/25 12:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.5		30 - 110					04/11/25 07:55	05/06/25 12:24	1
Y Carrier	77.0		30 - 110					04/11/25 07:55	05/06/25 12:24	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	0.626	U	0.514	0.516	5.00	0.777	pCi/L		05/07/25 11:22	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

Client Sample ID: 25031356-007

Lab Sample ID: 160-57702-7

Date Collected: 04/02/25 10:54

Matrix: Water

Date Received: 04/09/25 13:32

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	0.528	U	0.418	0.421	1.00	0.634	pCi/L	04/11/25 07:53	05/06/25 18:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.0		30 - 110					04/11/25 07:53	05/06/25 18:43	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.46		0.662	0.675	1.00	0.878	pCi/L	04/11/25 07:55	05/06/25 12:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.0		30 - 110					04/11/25 07:55	05/06/25 12:23	1
Y Carrier	78.5		30 - 110					04/11/25 07:55	05/06/25 12:23	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	1.99		0.783	0.796	5.00	0.878	pCi/L		05/07/25 11:22	1

Client Sample ID: 25031356-008

Lab Sample ID: 160-57702-8

Date Collected: 04/02/25 10:56

Matrix: Water

Date Received: 04/09/25 13:32

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	0.501		0.243	0.247	1.00	0.281	pCi/L	04/11/25 07:53	05/06/25 18:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.2		30 - 110					04/11/25 07:53	05/06/25 18:44	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.15		0.470	0.482	1.00	0.621	pCi/L	04/11/25 07:55	05/06/25 12:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.2		30 - 110					04/11/25 07:55	05/06/25 12:23	1
Y Carrier	79.3		30 - 110					04/11/25 07:55	05/06/25 12:23	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	1.65		0.529	0.542	5.00	0.621	pCi/L		05/07/25 11:22	1

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Client Sample Results

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

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

Client Sample ID: 25031356-009

Lab Sample ID: 160-57702-9

Date Collected: 04/02/25 09:34

Matrix: Water

Date Received: 04/09/25 13:32

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	1.07		0.593	0.601	1.00	0.738	pCi/L	04/11/25 07:53	05/06/25 18:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.2		30 - 110					04/11/25 07:53	05/06/25 18:55	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	0.207	U G	0.869	0.870	1.00	1.57	pCi/L	04/11/25 07:55	05/06/25 12:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.2		30 - 110					04/11/25 07:55	05/06/25 12:23	1
Y Carrier	78.1		30 - 110					04/11/25 07:55	05/06/25 12:23	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.28	U	1.05	1.06	5.00	1.57	pCi/L		05/07/25 11:22	1

Client Sample ID: 25031356-010

Lab Sample ID: 160-57702-10

Date Collected: 04/02/25 10:09

Matrix: Water

Date Received: 04/09/25 13:32

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	0.0854	U	0.197	0.197	1.00	0.359	pCi/L	04/11/25 07:53	05/06/25 18:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.3		30 - 110					04/11/25 07:53	05/06/25 18:55	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.611	U	0.424	0.428	1.00	0.636	pCi/L	04/11/25 07:55	05/06/25 12:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.3		30 - 110					04/11/25 07:55	05/06/25 12:24	1
Y Carrier	80.0		30 - 110					04/11/25 07:55	05/06/25 12:24	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	0.696		0.468	0.471	5.00	0.636	pCi/L		05/07/25 11:22	1

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Client Sample Results

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

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

Client Sample ID: 25031356-011

Lab Sample ID: 160-57702-11

Date Collected: 04/02/25 11:43

Matrix: Water

Date Received: 04/09/25 13:32

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	0.530		0.270	0.275	1.00	0.321	pCi/L	04/11/25 07:53	05/06/25 18:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.6		30 - 110					04/11/25 07:53	05/06/25 18:55	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	0.312	U	0.407	0.408	1.00	0.679	pCi/L	04/11/25 07:55	05/06/25 12:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.6		30 - 110					04/11/25 07:55	05/06/25 12:24	1
Y Carrier	79.6		30 - 110					04/11/25 07:55	05/06/25 12:24	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	0.842		0.488	0.492	5.00	0.679	pCi/L		05/07/25 11:22	1

Client Sample ID: 25031356-012

Lab Sample ID: 160-57702-12

Date Collected: 04/02/25 09:01

Matrix: Water

Date Received: 04/09/25 13:32

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	0.0380	U	0.164	0.164	1.00	0.323	pCi/L	04/11/25 07:53	05/06/25 18:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.9		30 - 110					04/11/25 07:53	05/06/25 18:55	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.771		0.435	0.441	1.00	0.625	pCi/L	04/11/25 07:55	05/06/25 12:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.9		30 - 110					04/11/25 07:55	05/06/25 12:24	1
Y Carrier	84.1		30 - 110					04/11/25 07:55	05/06/25 12:24	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	0.809		0.465	0.471	5.00	0.625	pCi/L		05/07/25 11:22	1

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Client Sample Results

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

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

Client Sample ID: 25031356-013

Lab Sample ID: 160-57702-13

Date Collected: 04/02/25 09:31

Matrix: Water

Date Received: 04/09/25 13:32

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	0.224	U	0.201	0.202	1.00	0.298	pCi/L	04/11/25 07:53	05/06/25 18:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.1		30 - 110					04/11/25 07:53	05/06/25 18:55	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	-0.0743	U	0.323	0.324	1.00	0.628	pCi/L	04/11/25 07:55	05/06/25 12:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.1		30 - 110					04/11/25 07:55	05/06/25 12:25	1
Y Carrier	84.5		30 - 110					04/11/25 07:55	05/06/25 12:25	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	0.224	U	0.380	0.382	5.00	0.628	pCi/L		05/07/25 12:29	1

Client Sample ID: 25031356-014

Lab Sample ID: 160-57702-14

Date Collected: 04/02/25 10:02

Matrix: Water

Date Received: 04/09/25 13:32

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	0.264	U	0.254	0.255	1.00	0.398	pCi/L	04/11/25 07:53	05/06/25 18:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.9		30 - 110					04/11/25 07:53	05/06/25 18:55	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	0.391	U	0.360	0.362	1.00	0.571	pCi/L	04/11/25 07:55	05/06/25 12:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.9		30 - 110					04/11/25 07:55	05/06/25 12:25	1
Y Carrier	82.2		30 - 110					04/11/25 07:55	05/06/25 12:25	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	0.654		0.441	0.443	5.00	0.571	pCi/L		05/07/25 12:29	1

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Client Sample Results

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

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

Client Sample ID: 25031356-015

Lab Sample ID: 160-57702-15

Date Collected: 04/02/25 10:51

Matrix: Water

Date Received: 04/09/25 13:32

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	1.02		0.400	0.410	1.00	0.388	pCi/L	04/11/25 07:53	05/06/25 18:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.1		30 - 110					04/11/25 07:53	05/06/25 18:55	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.00		0.657	0.682	1.00	0.756	pCi/L	04/11/25 07:55	05/06/25 12:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.1		30 - 110					04/11/25 07:55	05/06/25 12:25	1
Y Carrier	84.1		30 - 110					04/11/25 07:55	05/06/25 12:25	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	3.02		0.769	0.796	5.00	0.756	pCi/L		05/07/25 12:29	1

Client Sample ID: 25031356-016

Lab Sample ID: 160-57702-16

Date Collected: 04/01/25 14:17

Matrix: Water

Date Received: 04/09/25 13:32

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	0.696		0.365	0.370	1.00	0.484	pCi/L	04/11/25 07:53	05/06/25 18:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.5		30 - 110					04/11/25 07:53	05/06/25 18:56	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	1.34		0.549	0.563	1.00	0.697	pCi/L	04/11/25 07:55	05/06/25 12:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.5		30 - 110					04/11/25 07:55	05/06/25 12:25	1
Y Carrier	70.3		30 - 110					04/11/25 07:55	05/06/25 12:25	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	2.04		0.659	0.674	5.00	0.697	pCi/L		05/07/25 12:29	1

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Client Sample Results

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

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

Client Sample ID: 25031356-017

Lab Sample ID: 160-57702-17

Date Collected: 04/01/25 11:44

Matrix: Water

Date Received: 04/09/25 13:32

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	0.433		0.250	0.253	1.00	0.326	pCi/L	04/11/25 07:53	05/06/25 19:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					04/11/25 07:53	05/06/25 19:43	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.17		0.443	0.456	1.00	0.549	pCi/L	04/11/25 07:55	05/06/25 12:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					04/11/25 07:55	05/06/25 12:25	1
Y Carrier	81.9		30 - 110					04/11/25 07:55	05/06/25 12:25	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	1.60		0.509	0.521	5.00	0.549	pCi/L		05/07/25 12:29	1

Client Sample ID: 25031356-018

Lab Sample ID: 160-57702-18

Date Collected: 04/01/25 12:20

Matrix: Water

Date Received: 04/09/25 13:32

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	0.557		0.292	0.297	1.00	0.345	pCi/L	04/11/25 07:53	05/06/25 19:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	69.9		30 - 110					04/11/25 07:53	05/06/25 19:44	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.05		0.518	0.527	1.00	0.703	pCi/L	04/11/25 07:55	05/06/25 12:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	69.9		30 - 110					04/11/25 07:55	05/06/25 12:25	1
Y Carrier	80.0		30 - 110					04/11/25 07:55	05/06/25 12:25	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	1.61		0.595	0.605	5.00	0.703	pCi/L		05/07/25 12:29	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

Client Sample ID: 25031356-019

Lab Sample ID: 160-57702-19

Date Collected: 04/08/25 12:05

Matrix: Water

Date Received: 04/09/25 13:32

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.325		0.187	0.190	1.00	0.215	pCi/L	04/11/25 07:53	05/06/25 19:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	98.5		30 - 110					04/11/25 07:53	05/06/25 19:44	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.715		0.339	0.345	1.00	0.451	pCi/L	04/11/25 07:55	05/06/25 12:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	98.5		30 - 110					04/11/25 07:55	05/06/25 12:25	1
Y Carrier	85.6		30 - 110					04/11/25 07:55	05/06/25 12:25	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.04		0.387	0.394	5.00	0.451	pCi/L		05/07/25 12:29	1

Client Sample ID: 25031356-020

Lab Sample ID: 160-57702-20

Date Collected: 04/02/25 09:34

Matrix: Water

Date Received: 04/09/25 13:32

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	0.682		0.315	0.321	1.00	0.360	pCi/L	04/11/25 07:53	05/06/25 19:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	98.7		30 - 110					04/11/25 07:53	05/06/25 19:46	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		0.483	0.491	1.00	0.662	pCi/L	04/11/25 07:55	05/06/25 12:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	98.7		30 - 110					04/11/25 07:55	05/06/25 12:25	1
Y Carrier	82.6		30 - 110					04/11/25 07:55	05/06/25 12:25	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.64		0.577	0.587	5.00	0.662	pCi/L		05/07/25 12:29	1

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Client Sample Results

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

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

Client Sample ID: 25031356-021

Lab Sample ID: 160-57702-21

Date Collected: 04/01/25 12:20

Matrix: Water

Date Received: 04/09/25 13:32

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	0.511		0.313	0.316	1.00	0.437	pCi/L	04/11/25 07:24	05/06/25 20:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.4		30 - 110					04/11/25 07:24	05/06/25 20:53	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	0.752		0.469	0.474	1.00	0.698	pCi/L	04/11/25 07:32	05/06/25 12:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.4		30 - 110					04/11/25 07:32	05/06/25 12:28	1
Y Carrier	78.9		30 - 110					04/11/25 07:32	05/06/25 12:28	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	1.26		0.564	0.570	5.00	0.698	pCi/L		05/07/25 12:29	1

Client Sample ID: 25031356-022

Lab Sample ID: 160-57702-22

Date Collected: 04/02/25 16:30

Matrix: Water

Date Received: 04/09/25 13:32

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	0.000	U	0.113	0.113	1.00	0.248	pCi/L	04/11/25 07:24	05/06/25 21:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					04/11/25 07:24	05/06/25 21:40	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.201	U	0.330	0.331	1.00	0.565	pCi/L	04/11/25 07:32	05/06/25 12:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					04/11/25 07:32	05/06/25 12:28	1
Y Carrier	84.1		30 - 110					04/11/25 07:32	05/06/25 12:28	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	0.201	U	0.349	0.350	5.00	0.565	pCi/L		05/07/25 12:30	1

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Client Sample Results

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

ATTACHMENT B.
Q15 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

Client Sample ID: 25031356-023

Lab Sample ID: 160-57702-23

Date Collected: 04/07/25 16:15

Matrix: Water

Date Received: 04/09/25 13:32

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	-0.0436	U	0.126	0.126	1.00	0.288	pCi/L	04/11/25 07:24	05/06/25 21:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.4		30 - 110					04/11/25 07:24	05/06/25 21:40	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0689	U	0.317	0.317	1.00	0.604	pCi/L	04/11/25 07:32	05/06/25 12:28	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.4		30 - 110					04/11/25 07:32	05/06/25 12:28	1
Y Carrier	86.4		30 - 110					04/11/25 07:32	05/06/25 12:28	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	0.000	U	0.341	0.341	5.00	0.604	pCi/L		05/07/25 12:29	1

QC Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-712124/1-A
Matrix: Water
Analysis Batch: 716200

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 712124

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1314	U	0.191	0.191	1.00	0.325	pCi/L	04/11/25 07:24	05/06/25 19:48	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					04/11/25 07:24	05/06/25 19:48	1

Lab Sample ID: LCS 160-712124/2-A
Matrix: Water
Analysis Batch: 716200

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712124

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	8.590		1.15	1.00	0.325	pCi/L	90	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	87.4		30 - 110							

Lab Sample ID: MB 160-712131/1-A
Matrix: Water
Analysis Batch: 716198

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 712131

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.04851	U	0.170	0.170	1.00	0.323	pCi/L	04/11/25 07:53	05/06/25 17:59	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.5		30 - 110					04/11/25 07:53	05/06/25 17:59	1

Lab Sample ID: LCS 160-712131/2-A
Matrix: Water
Analysis Batch: 716198

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712131

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	7.824		1.12	1.00	0.301	pCi/L	82	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	85.9		30 - 110							

Lab Sample ID: 160-57702-10 DU
Matrix: Water
Analysis Batch: 716201

Client Sample ID: 25031356-010
Prep Type: Total/NA
Prep Batch: 712131

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.0854	U	0.1683	U	0.227	1.00	0.379	pCi/L	0.20	1

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QC Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

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

Lab Sample ID: 160-57702-10 DU
Matrix: Water
Analysis Batch: 716201

Client Sample ID: 25031356-010
Prep Type: Total/NA
Prep Batch: 712131

	DU	DU	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	93.4		30 - 110

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-712125/1-A
Matrix: Water
Analysis Batch: 716201

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 712125

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.02180	U	0.317	0.317	1.00	0.589	pCi/L	04/11/25 07:32	05/06/25 12:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					04/11/25 07:32	05/06/25 12:27	1
Y Carrier	80.7		30 - 110					04/11/25 07:32	05/06/25 12:27	1

Lab Sample ID: LCS 160-712125/2-A
Matrix: Water
Analysis Batch: 716201

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712125

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.47	12.09		1.58	1.00	0.503	pCi/L	128	75 - 125
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	87.4		30 - 110						
Y Carrier	81.9		30 - 110						

Lab Sample ID: MB 160-712133/1-A
Matrix: Water
Analysis Batch: 716200

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 712133

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.1586	U	0.264	0.264	1.00	0.542	pCi/L	04/11/25 07:55	05/06/25 12:23	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.5		30 - 110					04/11/25 07:55	05/06/25 12:23	1
Y Carrier	83.0		30 - 110					04/11/25 07:55	05/06/25 12:23	1

Lab Sample ID: LCS 160-712133/2-A
Matrix: Water
Analysis Batch: 716200

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712133

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.47	9.749		1.39	1.00	0.646	pCi/L	103	75 - 125

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QC Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

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

Lab Sample ID: LCS 160-712133/2-A
Matrix: Water
Analysis Batch: 716200

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712133

LCS LCS			
Carrier	%Yield	Qualifier	Limits
Ba Carrier	85.9		30 - 110
Y Carrier	78.1		30 - 110

Lab Sample ID: 160-57702-10 DU
Matrix: Water
Analysis Batch: 716198

Client Sample ID: 25031356-010
Prep Type: Total/NA
Prep Batch: 712133

Analyte	Sample Sample		DU DU		Total	RL	MDC	Unit	RER	Limit
	Result	Qual	Result	Qual	Uncert. (2σ+/-)					
Radium-228	0.611	U	0.2358	U	0.331	1.00	0.554	pCi/L	0.49	1
DU DU										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	93.4		30 - 110							
Y Carrier	83.7		30 - 110							

QC Association Summary

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

ATTACHMENT B.
845-QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

Rad

Prep Batch: 712124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57702-21	25031356-021	Total/NA	Water	PrecSep-21	
160-57702-22	25031356-022	Total/NA	Water	PrecSep-21	
160-57702-23	25031356-023	Total/NA	Water	PrecSep-21	
MB 160-712124/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-712124/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 712125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57702-21	25031356-021	Total/NA	Water	PrecSep_0	
160-57702-22	25031356-022	Total/NA	Water	PrecSep_0	
160-57702-23	25031356-023	Total/NA	Water	PrecSep_0	
MB 160-712125/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-712125/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 712131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57702-1	25031356-001	Total/NA	Water	PrecSep-21	
160-57702-2	25031356-002	Total/NA	Water	PrecSep-21	
160-57702-3	25031356-003	Total/NA	Water	PrecSep-21	
160-57702-4	25031356-004	Total/NA	Water	PrecSep-21	
160-57702-5	25031356-005	Total/NA	Water	PrecSep-21	
160-57702-6	25031356-006	Total/NA	Water	PrecSep-21	
160-57702-7	25031356-007	Total/NA	Water	PrecSep-21	
160-57702-8	25031356-008	Total/NA	Water	PrecSep-21	
160-57702-9	25031356-009	Total/NA	Water	PrecSep-21	
160-57702-10	25031356-010	Total/NA	Water	PrecSep-21	
160-57702-11	25031356-011	Total/NA	Water	PrecSep-21	
160-57702-12	25031356-012	Total/NA	Water	PrecSep-21	
160-57702-13	25031356-013	Total/NA	Water	PrecSep-21	
160-57702-14	25031356-014	Total/NA	Water	PrecSep-21	
160-57702-15	25031356-015	Total/NA	Water	PrecSep-21	
160-57702-16	25031356-016	Total/NA	Water	PrecSep-21	
160-57702-17	25031356-017	Total/NA	Water	PrecSep-21	
160-57702-18	25031356-018	Total/NA	Water	PrecSep-21	
160-57702-19	25031356-019	Total/NA	Water	PrecSep-21	
160-57702-20	25031356-020	Total/NA	Water	PrecSep-21	
MB 160-712131/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-712131/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-57702-10 DU	25031356-010	Total/NA	Water	PrecSep-21	

Prep Batch: 712133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57702-1	25031356-001	Total/NA	Water	PrecSep_0	
160-57702-2	25031356-002	Total/NA	Water	PrecSep_0	
160-57702-3	25031356-003	Total/NA	Water	PrecSep_0	
160-57702-4	25031356-004	Total/NA	Water	PrecSep_0	
160-57702-5	25031356-005	Total/NA	Water	PrecSep_0	
160-57702-6	25031356-006	Total/NA	Water	PrecSep_0	
160-57702-7	25031356-007	Total/NA	Water	PrecSep_0	
160-57702-8	25031356-008	Total/NA	Water	PrecSep_0	
160-57702-9	25031356-009	Total/NA	Water	PrecSep_0	

Eurofins St. Louis

QC Association Summary

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

ATTACHMENT B.
845-QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

Rad (Continued)

Prep Batch: 712133 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-57702-10	25031356-010	Total/NA	Water	PrecSep_0	
160-57702-11	25031356-011	Total/NA	Water	PrecSep_0	
160-57702-12	25031356-012	Total/NA	Water	PrecSep_0	
160-57702-13	25031356-013	Total/NA	Water	PrecSep_0	
160-57702-14	25031356-014	Total/NA	Water	PrecSep_0	
160-57702-15	25031356-015	Total/NA	Water	PrecSep_0	
160-57702-16	25031356-016	Total/NA	Water	PrecSep_0	
160-57702-17	25031356-017	Total/NA	Water	PrecSep_0	
160-57702-18	25031356-018	Total/NA	Water	PrecSep_0	
160-57702-19	25031356-019	Total/NA	Water	PrecSep_0	
160-57702-20	25031356-020	Total/NA	Water	PrecSep_0	
MB 160-712133/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-712133/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-57702-10 DU	25031356-010	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
		Ba					
Lab Sample ID	Client Sample ID	(30-110)					
160-57702-1	25031356-001	93.7					
160-57702-2	25031356-002	91.7					
160-57702-3	25031356-003	88.6					
160-57702-4	25031356-004	98.5					
160-57702-5	25031356-005	80.3					
160-57702-6	25031356-006	79.5					
160-57702-7	25031356-007	78.0					
160-57702-8	25031356-008	92.2					
160-57702-9	25031356-009	71.2					
160-57702-10	25031356-010	81.3					
160-57702-10 DU	25031356-010	93.4					
160-57702-11	25031356-011	82.6					
160-57702-12	25031356-012	85.9					
160-57702-13	25031356-013	85.1					
160-57702-14	25031356-014	89.9					
160-57702-15	25031356-015	81.1					
160-57702-16	25031356-016	78.5					
160-57702-17	25031356-017	90.4					
160-57702-18	25031356-018	69.9					
160-57702-19	25031356-019	98.5					
160-57702-20	25031356-020	98.7					
160-57702-21	25031356-021	85.4					
160-57702-22	25031356-022	91.4					
160-57702-23	25031356-023	93.4					
LCS 160-712124/2-A	Lab Control Sample	87.4					
LCS 160-712131/2-A	Lab Control Sample	85.9					
MB 160-712124/1-A	Method Blank	88.6					
MB 160-712131/1-A	Method Blank	95.5					
Tracer/Carrier Legend							
Ba = Ba Carrier							

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
		Ba		Y			
Lab Sample ID	Client Sample ID	(30-110)	(30-110)				
160-57702-1	25031356-001	93.7	80.7				
160-57702-2	25031356-002	91.7	81.1				
160-57702-3	25031356-003	88.6	79.6				
160-57702-4	25031356-004	98.5	84.1				
160-57702-5	25031356-005	80.3	75.1				
160-57702-6	25031356-006	79.5	77.0				
160-57702-7	25031356-007	78.0	78.5				
160-57702-8	25031356-008	92.2	79.3				
160-57702-9	25031356-009	71.2	78.1				
160-57702-10	25031356-010	81.3	80.0				
160-57702-10 DU	25031356-010	93.4	83.7				
160-57702-11	25031356-011	82.6	79.6				

Eurofins St. Louis

Tracer/Carrier Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-57702-1
SDG: 25031356

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)
160-57702-12	25031356-012	85.9	84.1
160-57702-13	25031356-013	85.1	84.5
160-57702-14	25031356-014	89.9	82.2
160-57702-15	25031356-015	81.1	84.1
160-57702-16	25031356-016	78.5	70.3
160-57702-17	25031356-017	90.4	81.9
160-57702-18	25031356-018	69.9	80.0
160-57702-19	25031356-019	98.5	85.6
160-57702-20	25031356-020	98.7	82.6
160-57702-21	25031356-021	85.4	78.9
160-57702-22	25031356-022	91.4	84.1
160-57702-23	25031356-023	93.4	86.4
LCS 160-712125/2-A	Lab Control Sample	87.4	81.9
LCS 160-712133/2-A	Lab Control Sample	85.9	78.1
MB 160-712125/1-A	Method Blank	88.6	80.7
MB 160-712133/1-A	Method Blank	95.5	83.0

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: A213
Sample ID: 001
Date (s): 4/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 49 °F Wind Direction: ☐ N ☐ S ☒ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/7/2025 10:21 Static Water Level: 19.77 feet below TOC
Total Depth: 61.00 feet below TOC
Water Column: 41.23 feet

Purging Activities

Purged By: JC Purge Date: 4/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 41.23 ft. x 0.022 = 0.91 L x 3 Vol. = 2.73 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:21	0.0	195	purge start time						
10:41	3.9	↓	6.78	2,658.80	14.23	2.16	63.20	49.61	
10:44	4.5		6.78	2,654.10	14.15	1.89	62.30	74.69	
10:47	5.1		6.81	2,639.10	12.52	1.75	62.00	73.30	
10:50	5.7		6.91	2,607.50	12.70	2.89	62.30	81.10	
10:53	6.2		6.90	2,695.60	13.22	3.40	63.00	99.81	
10:56	6.8		6.85	2,809.50	13.49	2.58	64.30	170.66	
10:59	7.4		6.84	2,858.40	13.65	1.71	66.60	197.37	
11:02	8.0		6.84	2,875.20	13.74	1.23	69.30	252.97	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/7/2025 11:02
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.84 pH 2,875.20 Spec. Cond. 13.74 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 22.78 feet below TOC Drawdown: 3.01 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: Brett Gillihan

Date: 4/7/2025



Field Data Sheet

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: A214
Sample ID: 002
Date (s): 4/2/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 76 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 13:02 Static Water Level: 40.29 feet below TOC
Total Depth: 75.50 feet below TOC
Water Column: 35.21 feet

Purging Activities

Purged By: DC Purge Date: 4/2/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 35.21 ft. x 0.022 = 0.77 L x 3 Vol. = 2.31 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:02	0.0	216	purge start time						
13:27	5.4	↓	7.32	2,562.10	22.54	3.09	112.70	200.54	
13:30	6.1		7.31	2,577.70	22.57	2.76	113.40	180.78	
13:33	6.7		7.33	2,627.10	19.29	2.17	114.60	170.11	
13:36	7.4		7.33	2,631.60	18.74	1.71	113.90	168.05	
13:39	8.0		7.32	2,645.50	18.91	1.45	113.00	154.75	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/2/2025 13:39
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.32 pH 2,645.50 Spec. Cond. 18.91 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 40.87 feet below TOC Drawdown: 0.58 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By:

Brett Gillihan

Date:

4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: A215
Sample ID: 003
Date (s): 4/2/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 75 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 12:18 Static Water Level: 43.42 feet below TOC
Total Depth: 78.10 feet below TOC
Water Column: 34.68 feet

Purging Activities

Purged By: DC Purge Date: 4/2/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 34.68 ft. x 0.022 = 0.76 L x 3 Vol. = 2.28 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:18	0.0	171	purge start time						
12:38	3.4	↓	6.99	8,714.20	18.63	1.77	144.20	402.24	
12:41	3.9		6.99	8,558.90	18.70	1.49	141.40	354.42	
12:44	4.5		7.00	8,298.40	18.51	1.35	138.50	332.12	
12:47	5.0		7.01	7,984.50	18.44	1.25	135.70	327.87	
12:50	5.5		7.02	7,653.80	18.56	1.18	132.80	333.25	
12:53	6.0		7.02	7,361.20	18.10	1.05	130.40	382.63	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/2/2025 12:53
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.02 pH 7,361.20 Spec. Cond. 18.10 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 44.12 feet below TOC Drawdown: 0.70 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: Brett Gillihan

Date: 4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW02
Sample ID: 004
Date (s): 4/1/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 45 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing		X
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 10:45 Static Water Level: 3.89 feet below TOC
Total Depth: 23.70 feet below TOC
Water Column: 19.81 feet

Purging Activities

Purged By: JC Purge Date: 4/1/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $19.81 \text{ ft.} \times 0.022 = 0.44 \text{ L} \times 3 \text{ Vol.} = 1.32 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:45	0.0	241	purge start time						
10:50	1.2	↓	6.77	9,814.30	10.78	2.73	222.10	8.07	
10:53	1.9		6.75	9,814.40	10.72	2.45	223.70	14.13	
10:56	2.7		6.74	9,805.40	10.75	2.29	225.10	23.02	
10:59	3.4		6.74	9,794.50	10.74	2.14	226.20	30.92	
11:02	4.1		6.74	9,786.40	10.72	2.02	227.00	41.65	
11:05	4.8		6.74	9,786.50	10.75	1.93	227.80	49.71	
11:08	5.6		6.73	9,787.00	10.77	1.84	228.40	61.42	
11:11	6.3		6.73	9,796.90	10.85	1.77	228.90	28.19	
11:14	7.0		6.73	9,797.80	10.90	1.69	229.30	35.00	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/1/2025 11:14
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.73 pH 9,797.80 Spec. Cond. 10.90 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 6.82 feet below TOC Drawdown: 2.93 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756
- Lock on well is broken

Form Completed By: 

Date: 4/1/2025



Field Data Sheet

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW03
Sample ID: 005
Date (s): 4/2/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 68 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 9:40 Static Water Level: 5.76 feet below TOC
Total Depth: 24.00 feet below TOC
Water Column: 18.24 feet

Purging Activities

Purged By: DC Purge Date: 4/2/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 18.24 ft. x 0.022 = 0.4 L x 3 Vol. = 1.2 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:40	0.0	263	purge start time						
9:44	1.1	↓	6.74	1,947.60	16.38	1.97	104.90	3.70	
9:47	1.8		6.72	1,943.50	14.90	1.55	105.20	4.11	
9:50	2.6		6.72	1,941.70	14.67	1.25	104.60	4.75	
9:53	3.4		6.71	1,939.80	14.68	1.16	104.40	5.89	
9:56	4.2		6.71	1,940.80	14.52	1.09	104.20	6.86	
9:59	5.0		6.71	1,938.50	14.44	1.03	103.90	8.82	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/2/2025 9:59
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.71 pH 1,938.50 Spec. Cond. 14.44 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 5.86 feet below TOC Drawdown: 0.10 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: Brett Gillihan

Date: 4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW04
Sample ID: 006
Date (s): 4/2/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 66 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 9:03 Static Water Level: 4.39 feet below TOC
Total Depth: 21.60 feet below TOC
Water Column: 17.21 feet

Purging Activities

Purged By: PY Purge Date: 4/2/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 17.21 ft. x 0.022 = 0.38 L x 3 Vol. = 1.14 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.50 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:05	0.0	250	purge start time						
9:12	1.7	↓	6.63	4,487.70	13.78	2.31	146.20	13.08	
9:15	2.5		6.65	4,473.90	13.68	2.13	146.70	19.31	
9:18	3.3		6.67	4,471.80	13.51	1.91	146.00	22.15	
9:21	4.0		6.68	4,450.30	13.35	1.58	144.10	24.05	
9:24	4.8		6.69	4,441.70	13.45	1.50	141.20	27.26	
9:27	5.5		6.70	4,435.40	13.48	1.43	137.70	29.24	

Sampling Activities

Sampled By: TC Sample Date/Time: 4/2/2025 9:27
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.70 pH 4,435.40 Spec. Cond. 13.48 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.92 feet below TOC Drawdown: 5.53 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By: 

Date: 4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW05
Sample ID: 007
Date (s): 4/1/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 43 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	X	
Protective Casing	<u>Good</u>		Well		X
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 10:01 Static Water Level: 14.38 feet below TOC
Total Depth: 70.80 feet below TOC
Water Column: 56.42 feet

Purging Activities

Purged By: JC Purge Date: 4/1/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 56.42 ft. x 0.022 = 1.24 L x 3 Vol. = 3.72 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.50 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:06	0.0	250	purge start time						
10:15	2.2	↓	7.67	2,045.10	12.19	7.20	239.30	3.51	
10:18	3.0		7.69	1,949.90	12.24	7.29	240.30	3.43	
10:21	3.7		7.69	1,932.00	12.43	7.28	241.20	2.17	
10:24	4.5		7.69	1,933.20	12.56	7.26	241.90	1.60	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/1/2025 10:24
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 7.69 pH 1,933.20 Spec. Cond. 12.56 Temp
Field Filtered: No Filter Type:
Water Level: 14.55 feet below TOC Drawdown: 0.17 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp

Date: 4/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW05S
Sample ID: 008
Date (s): 4/1/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 41 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	<u>Yes</u>	<u>No</u>
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 9:27 Static Water Level: 10.31 feet below TOC
Total Depth: 22.90 feet below TOC
Water Column: 12.59 feet

Purging Activities

Purged By: JC Purge Date: 4/1/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 12.59 ft. x 0.022 = 0.28 L x 3 Vol. = 0.84 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.50 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:31	0.0	205	purge start time						
9:35	0.8	↓	6.62	8,046.40	11.55	4.39	259.00	4.19	
9:38	1.4		6.64	8,050.90	11.34	3.84	260.10	5.82	
9:41	2.0		6.66	8,047.70	11.23	3.41	259.90	5.05	
9:44	2.7		6.67	8,069.60	11.18	3.07	258.40	6.03	
9:47	3.3		6.67	8,061.40	11.31	2.81	257.20	6.59	
9:50	3.9		6.67	8,035.40	11.34	2.62	256.30	7.66	
9:53	4.5		6.69	8,016.10	11.31	2.71	255.60	8.80	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/1/2025 9:53
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.69 pH 8,016.10 Spec. Cond. 11.31 Temp
Field Filtered: No Filter Type:
Water Level: 11.00 feet below TOC Drawdown: 0.69 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: 

Date: 4/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW06
Sample ID: 009
Date (s): 4/2/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 72 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 11:09 Static Water Level: 18.84 feet below TOC
Total Depth: 76.10 feet below TOC
Water Column: 57.26 feet

Purging Activities

Purged By: DC Purge Date: 4/2/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 57.26 ft. x 0.022 = 1.26 L x 3 Vol. = 3.78 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:09	0.0	238	purge start time						
11:18	2.1	↓	7.51	1,724.40	17.24	2.22	115.90	9.27	
11:21	2.9		7.52	1,722.60	16.39	1.68	116.30	12.42	
11:24	3.6		7.51	1,722.30	16.53	1.38	116.50	11.26	
11:27	4.3		7.51	1,720.80	16.68	1.25	116.80	10.46	
11:30	5.0		7.51	1,724.70	16.39	1.17	117.00	11.59	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/2/2025 11:30
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.51 pH 1,724.70 Spec. Cond. 16.39 Temp
Field Filtered: No Filter Type:
Water Level: 18.89 feet below TOC Drawdown: 0.05 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By:

Brett Gillihan

Date:

4/2/2025



Field Data Sheet

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW07
Sample ID: 010
Date (s): 4/2/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 70 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 10:20 Static Water Level: 46.14 feet below TOC
Total Depth: 85.80 feet below TOC
Water Column: 39.66 feet

Purging Activities

Purged By: DC Purge Date: 4/2/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 39.66 ft. x 0.022 = 0.87 L x 3 Vol. = 2.61 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:20	0.0	147	purge start time						
10:42	3.2	↓	7.17	2,139.80	16.74	3.17	135.30	80.86	
10:45	3.7		7.17	2,137.40	16.82	2.80	135.10	141.59	
10:48	4.1		7.17	2,139.40	16.89	2.48	134.80	214.87	
10:51	4.6		7.17	2,136.70	16.70	2.21	134.60	278.96	
10:54	5.0		7.18	2,136.80	16.77	1.96	134.10	313.39	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/2/2025 10:54
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.18 pH 2,136.80 Spec. Cond. 16.77 Temp
Field Filtered: No Filter Type:
Water Level: 46.73 feet below TOC Drawdown: 0.59 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By:

Brett Gillihan

Date:

4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW08
Sample ID: 011
Date (s): 4/2/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 72 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	X	
Protective Casing	<u>Good</u>		Well		X
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 10:30 Static Water Level: 37.04 feet below TOC
Total Depth: 84.20 feet below TOC
Water Column: 47.16 feet

Purging Activities

Purged By: PY Purge Date: 4/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 47.16 ft. x 0.022 = 1.04 L x 3 Vol. = 3.12 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 9.00 L
Physical appearance of purge water: Cloudy Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:30	0.0	346	purge start time						
10:38	2.8	↓	7.24	2,391.40	15.09	2.99	-49.80	163.88	
10:41	3.8		7.23	2,391.10	15.08	2.61	-77.60	226.70	
10:44	4.8		7.25	2,385.70	15.03	1.79	-106.10	237.25	
10:47	5.9		7.26	2,381.50	15.04	1.34	-124.20	276.07	
10:50	6.9		7.28	2,372.80	14.97	0.90	-135.60	77.74	
10:53	8.0		7.29	2,369.80	14.98	0.93	-141.30	98.14	
10:56	9.0		7.29	2,367.00	15.02	0.89	-143.80	127.76	

Sampling Activities

Sampled By: PY Sample Date/Time: 4/2/2025 10:56
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.29 pH 2,367.00 Spec. Cond. 15.02 Temp
Field Filtered: No Filter Type:
Water Level: 37.13 feet below TOC Drawdown: 0.09 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By: Tracy Carroll

Date: 4/2/2025



Field Data Sheet

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW09
Sample ID: 012
Date (s): 4/2/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 68 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 9:06 Static Water Level: 26.41 feet below TOC
Total Depth: 65.00 feet below TOC
Water Column: 38.59 feet

Purging Activities

Purged By: DC Purge Date: 4/2/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 38.59 ft. x 0.022 = 0.85 L x 3 Vol. = 2.55 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:06	0.0	286	purge start time						
9:19	3.7	↓	7.23	2,912.10	14.95	1.31	136.40	201.77	
9:22	4.6		7.24	2,907.90	14.93	0.95	134.30	278.71	
9:25	5.4		7.26	2,905.70	14.99	0.77	132.40	284.19	
9:28	6.3		7.26	2,910.00	14.88	0.68	130.90	232.44	
9:31	7.1		7.27	2,917.30	14.89	0.62	129.50	247.27	
9:34	8.0		7.28	2,923.60	14.89	0.58	128.20	259.72	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/2/2025 9:34
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.28 pH 2,923.60 Spec. Cond. 14.89 Temp
Field Filtered: No Filter Type:
Water Level: 26.83 feet below TOC Drawdown: 0.42 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: Brett Gillihan

Date: 4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW10
Sample ID: 013
Date (s): 4/2/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 66 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	X	
Protective Casing	<u>Good</u>			Well	
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 9:31 Static Water Level: 17.29 feet below TOC
Total Depth: 48.70 feet below TOC
Water Column: 31.41 feet

Purging Activities

Purged By: PY Purge Date: 4/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 31.41 ft. x 0.022 = 0.69 L x 3 Vol. = 2.07 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 10.00 L
Physical appearance of purge water: Cloudy Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:42	0.0	370	purge start time						
9:54	4.4	↓	7.16	3,198.40	14.39	1.17	23.30	75.47	
9:57	5.6		7.16	3,195.90	14.40	0.89	-11.90	82.29	
10:00	6.7		7.16	3,194.30	14.37	0.80	-27.00	93.33	
10:03	7.8		7.16	3,190.20	14.45	0.73	-36.00	99.40	
10:06	8.9		7.16	3,190.60	14.44	0.68	-41.50	115.58	
10:09	10.0		7.16	3,188.60	14.44	0.58	-46.00	138.67	

Sampling Activities

Sampled By: TC Sample Date/Time: 4/2/2025 10:09
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.16 pH 3,188.60 Spec. Cond. 14.44 Temp
Field Filtered: No Filter Type:
Water Level: 17.74 feet below TOC Drawdown: 0.45 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280
- Air line leaking at Coupling.

Form Completed By: Tracy Carroll

Date: 4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW11
Sample ID: 014
Date (s): 4/2/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 73 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	X	
Protective Casing	<u>Good</u>		Well		X
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 11:20 Static Water Level: 24.21 feet below TOC
Total Depth: 67.60 feet below TOC
Water Column: 43.39 feet

Purging Activities

Purged By: PY Purge Date: 4/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $43.39 \text{ ft.} \times 0.022 = 0.95 \text{ L} \times 3 \text{ Vol.} = 2.85 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.50 L
Physical appearance of purge water: Cloudy Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:20	0.0	326	purge start time						
11:34	4.6	↓	7.05	2,652.00	15.38	0.96	-59.80	89.07	
11:37	5.5		7.05	2,650.80	15.45	0.82	-64.10	91.06	
11:40	6.5		7.05	2,647.80	15.44	0.79	-66.90	121.47	
11:43	7.5		7.05	2,647.20	15.63	0.77	-68.60	140.81	

Sampling Activities

Sampled By: TC Sample Date/Time: 4/2/2025 11:43
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.05 pH 2,647.20 Spec. Cond. 15.63 Temp
Field Filtered: No Filter Type:
Water Level: 24.41 feet below TOC Drawdown: 0.20 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By: 

Date: 4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW12
Sample ID: 015
Date (s): 4/2/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 67 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	X	
Protective Casing	<u>Good</u>		Well		X
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 8:48 Static Water Level: 13.81 feet below TOC
Total Depth: 33.00 feet below TOC
Water Column: 19.19 feet

Purging Activities

Purged By: JC Purge Date: 4/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 19.19 ft. x 0.022 = 0.42 L x 3 Vol. = 1.26 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
8:49	0.0	250	purge start time						
8:52	0.8	↓	6.21	4,164.80	14.33	1.02	203.10	5.27	
8:55	1.5		6.30	4,460.40	14.32	0.64	201.00	5.20	
8:58	2.2		6.33	4,503.10	14.35	0.52	199.30	7.74	
9:01	3.0		6.35	4,520.00	14.35	0.45	198.00	7.70	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/2/2025 9:01
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.35 pH 4,520.00 Spec. Cond. 14.35 Temp
Field Filtered: No Filter Type:
Water Level: 14.01 feet below TOC Drawdown: 0.20 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp

Date: 4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW13
Sample ID: 016
Date (s): 4/2/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 68 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 9:13 Static Water Level: 32.01 feet below TOC
Total Depth: 66.30 feet below TOC
Water Column: 34.29 feet

Purging Activities

Purged By: JC Purge Date: 4/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 34.29 ft. x 0.022 = 0.75 L x 3 Vol. = 2.25 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Slightly cloudy Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:13	0.0	222	purge start time						
9:16	0.7	↓	7.09	2,877.50	14.83	1.46	196.60	31.16	
9:19	1.3		7.06	2,875.20	14.89	1.01	196.00	27.39	
9:22	2.0		7.06	2,877.20	14.90	0.79	194.70	23.41	
9:25	2.7		7.05	2,876.60	14.95	0.68	192.70	26.28	
9:28	3.3		7.05	2,878.30	15.01	0.60	190.20	35.48	
9:31	4.0		7.06	2,879.30	15.00	0.56	187.40	42.35	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/2/2025 9:31
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.06 pH 2,879.30 Spec. Cond. 15.00 Temp
Field Filtered: No Filter Type:
Water Level: 32.17 feet below TOC Drawdown: 0.16 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp

Date: 4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW14
Sample ID: 017
Date (s): 4/2/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 69 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	X	
Protective Casing	<u>Good</u>		Well		X
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 9:49 Static Water Level: 20.71 feet below TOC
Total Depth: 57.40 feet below TOC
Water Column: 36.69 feet

Purging Activities

Purged By: JC Purge Date: 4/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 36.69 ft. x 0.022 = 0.81 L x 3 Vol. = 2.43 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:49	0.0	308	purge start time						
9:53	1.2	↓	7.24	3,036.00	14.55	1.88	161.10	19.24	
9:56	2.2		7.21	3,042.90	14.55	0.97	162.30	15.57	
9:59	3.1		7.20	3,041.60	14.60	0.67	161.90	11.18	
10:02	4.0		7.20	3,043.00	14.56	0.53	160.00	8.56	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/2/2025 10:02
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.20 pH 3,043.00 Spec. Cond. 14.56 Temp
Field Filtered: No Filter Type:
Water Level: 20.79 feet below TOC Drawdown: 0.08 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp Date: 4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW15
Sample ID: 018
Date (s): 4/2/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 70 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 10:18 Static Water Level: 20.82 feet below TOC
Total Depth: 105.60 feet below TOC
Water Column: 84.78 feet

Purging Activities

Purged By: JC Purge Date: 4/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 84.78 ft. x 0.022 = 1.87 L x 3 Vol. = 5.61 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 10.00 L
Physical appearance of purge water: Cloudy Odor: Slight Color: lt brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:19	0.0	313	purge start time						
10:24	1.6	↓	7.06	4,042.20	15.05	0.37	152.70	224.45	
10:27	2.5		7.04	4,048.70	15.11	0.27	141.90	360.84	
10:30	3.4		7.03	4,052.80	15.11	0.22	130.30	743.37	
10:33	4.4		7.02	4,049.90	15.11	0.20	118.70	782.42	
10:36	5.3		7.01	4,049.40	15.13	0.18	107.70	737.29	
10:39	6.3		7.00	4,050.90	15.36	0.19	97.30	1141.90	
10:42	7.2		7.00	4,058.30	15.45	0.19	87.40	456.72	
10:45	8.1		7.00	4,058.40	15.40	0.18	78.10	781.68	
10:48	9.1		7.00	4,054.70	15.53	0.18	69.10	174.89	
10:51	10.0		6.99	4,053.50	15.48	0.18	60.30	197.91	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/2/2025 10:51
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.99 pH 4,053.50 Spec. Cond. 15.48 Temp
Field Filtered: No Filter Type: _____
Water Level: 22.15 feet below TOC Drawdown: 1.33 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp

Date: 4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW16
Sample ID: 019
Date (s): 4/1/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 51 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 13:54 Static Water Level: 40.07 feet below TOC
Total Depth: 87.50 feet below TOC
Water Column: 47.43 feet

Purging Activities

Purged By: JC Purge Date: 4/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 47.43 ft. x 0.022 = 1.04 L x 3 Vol. = 3.12 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:56	0.0	190	purge start time						
14:02	1.1	↓	7.38	2,589.90	13.69	2.15	127.90	13.76	
14:05	1.7		7.38	2,614.70	13.63	1.22	128.60	14.28	
14:08	2.3		7.39	2,632.70	13.55	0.87	127.30	10.82	
14:11	2.9		7.40	2,643.60	13.64	0.66	124.40	8.84	
14:14	3.4		7.40	2,651.00	13.71	0.54	120.30	6.43	
14:17	4.0		7.40	2,655.80	13.71	0.47	115.40	5.51	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/1/2025 14:17
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.40 pH 2,655.80 Spec. Cond. 13.71 Temp
Field Filtered: No Filter Type:
Water Level: 40.07 feet below TOC Drawdown: 0.00 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp

Date: 4/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW17
Sample ID: 020
Date (s): 4/1/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 48 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	X	
Protective Casing	<u>Good</u>		Well		X
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 11:24 Static Water Level: 41.21 feet below TOC
Total Depth: 94.70 feet below TOC
Water Column: 53.49 feet

Purging Activities

Purged By: JC Purge Date: 4/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 53.49 ft. x 0.022 = 1.18 L x 3 Vol. = 3.54 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.50 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:24	0.0	175	purge start time						
11:29	0.9	↓	7.30	2,383.80	13.08	1.45	210.50	6.74	
11:32	1.4		7.31	2,375.10	13.00	1.38	213.30	21.25	
11:35	1.9		7.32	2,391.70	13.15	1.16	214.60	24.51	
11:38	2.5		7.32	2,401.20	13.13	0.93	215.20	24.10	
11:41	3.0		7.33	2,401.20	13.20	0.80	215.10	22.40	
11:44	3.5		7.33	2,399.10	13.25	0.72	214.50	35.80	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/1/2025 11:44
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.33 pH 2,399.10 Spec. Cond. 13.25 Temp
Field Filtered: No Filter Type:
Water Level: 41.21 feet below TOC Drawdown: 0.00 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp

Date: 4/1/2025



Field Data Sheet

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW18
Sample ID: 021
Date (s): 4/1/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 49 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 12:01 Static Water Level: 51.78 feet below TOC
Total Depth: 82.70 feet below TOC
Water Column: 30.92 feet

Purging Activities

Purged By: JC Purge Date: 4/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 30.92 ft. x 0.022 = 0.68 L x 3 Vol. = 2.04 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.50 L
Physical appearance of purge water: Clear Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:01	0.0	184	purge start time						
12:02	0.2	↓	7.36	2,049.60	14.07	3.13	219.70	6.11	
12:05	0.7		7.42	2,053.10	13.68	1.72	218.40	7.07	
12:08	1.3		7.50	2,058.90	13.41	1.23	212.50	7.62	
12:11	1.8		7.55	2,060.10	13.45	1.03	204.50	9.06	
12:14	2.4		7.58	2,060.60	13.39	0.91	196.60	13.97	
12:17	2.9		7.58	2,059.40	13.56	0.83	188.90	20.70	
12:20	3.5		7.59	2,062.80	13.74	0.77	180.90	25.02	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/1/2025 12:20
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.59 pH 2,062.80 Spec. Cond. 13.74 Temp
Field Filtered: No Filter Type:
Water Level: 51.80 feet below TOC Drawdown: 0.02 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp

Date: 4/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G104
Sample ID: 022
Date (s): 4/2/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 73 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	<u>Yes</u>	<u>No</u>
Casing	<u>Good</u>	Protective Casing	<u>X</u>	<u></u>
Protective Casing	<u>Good</u>	Well	<u></u>	<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 11:37 Static Water Level: 3.75 feet below TOC
Total Depth: 42.96 feet below TOC
Water Column: 39.21 feet

Purging Activities

Purged By: JC Purge Date: 4/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 39.21 ft. x 0.022 = 0.86 L x 3 Vol. = 2.58 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:37	0.0	222	purge start time						
11:40	0.7	↓	7.12	2,761.00	15.04	2.94	91.10	15.07	
11:43	1.3		7.15	2,799.60	14.38	4.46	91.90	87.63	
11:46	2.0		7.04	2,784.70	14.36	3.11	91.90	101.64	
11:49	2.7		7.00	2,784.10	14.47	2.68	91.50	65.47	
11:52	3.3		6.98	2,782.20	14.38	2.58	91.10	38.66	
11:55	4.0		6.97	2,784.70	14.46	2.59	90.90	26.67	
11:58	4.7		6.97	2,783.00	14.47	2.61	90.60	21.97	
12:01	5.3		6.96	2,785.20	14.60	2.59	90.40	16.50	
12:04	6.0		6.96	2,783.00	14.68	2.56	90.20	14.34	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/2/2025 12:04
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.96 pH 2,783.00 Spec. Cond. 14.68 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 5.81 feet below TOC Drawdown: 2.06 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp

Date: 4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G104D
Sample ID: 023
Date (s): 4/1/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 49 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 10:21

Static Water Level: 49.82 feet below TOC
Total Depth: 88.80 feet below TOC
Water Column: 38.98 feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: 

Date: 4/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G104S
Sample ID: 024
Date (s): 4/1/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 49 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 10:22

Static Water Level: 4.04 feet below TOC
Total Depth: 25.20 feet below TOC
Water Column: 21.16 feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: _____ Sample Date/Time: _____
Sample Method: _____ Sample Equipment: _____
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: [Signature]

Date: 4/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G105
Sample ID: 025
Date (s): 4/7/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 47 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/7/2025 11:16 Static Water Level: 5.46 feet below TOC
Total Depth: 25.80 feet below TOC
Water Column: 20.34 feet

Purging Activities

Purged By: PY Purge Date: 4/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 20.34 ft. x 0.022 = 0.45 L x 3 Vol. = 1.35 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.50 L
Physical appearance of purge water: Clear Odor: Moderate Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:17	0.0	229	purge start time						
11:23	1.4	↓	6.60	2,026.00	13.12	2.92	-86.70	8.40	
11:26	2.1		6.59	1,974.80	13.06	2.98	-72.30	5.07	
11:29	2.7		6.58	1,957.80	13.02	2.78	-61.20	4.03	
11:32	3.4		6.58	1,953.10	12.97	2.57	-53.60	3.58	
11:35	4.1		6.57	1,950.70	13.00	2.50	-48.10	3.10	
11:38	4.8		6.57	1,948.80	12.90	2.40	-44.00	2.20	
11:41	5.5		6.57	1,945.60	12.99	2.28	-40.20	2.11	

Sampling Activities

Sampled By: PY Sample Date/Time: 4/7/2025 11:41
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.57 pH 1,945.60 Spec. Cond. 12.99 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 8.66 feet below TOC Drawdown: 3.20 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By: Tracy Carroll

Date: 4/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G106
Sample ID: 026
Date (s): 4/2/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 76 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 12:26 Static Water Level: 26.35 feet below TOC
Total Depth: 35.70 feet below TOC
Water Column: 9.35 feet

Purging Activities

Purged By: JC Purge Date: 4/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 9.35 ft. x 0.022 = 0.21 L x 3 Vol. = 0.63 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: It brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:26	0.0	250	purge start time						
12:35	2.3	↓	6.64	7,877.60	14.71	0.80	100.60	231.38	
12:38	3.0		6.63	7,843.10	14.78	0.76	100.10	203.70	
12:41	3.8		6.63	7,809.90	14.82	0.76	99.70	179.02	
12:44	4.5		6.63	7,773.00	14.99	0.78	99.20	132.79	
12:47	5.3		6.63	7,746.40	14.92	0.81	98.80	115.86	
12:50	6.0		6.63	7,707.80	15.02	0.81	98.50	115.30	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/2/2025 12:50
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.63 pH 7,707.80 Spec. Cond. 15.02 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 26.71 feet below TOC Drawdown: 0.36 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp

Date: 4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G109
Sample ID: 027
Date (s): 4/1/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 49 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 12:23

Static Water Level: 13.74 feet below TOC
Total Depth: 24.10 feet below TOC
Water Column: 10.36 feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: _____ Sample Date/Time: _____
Sample Method: _____ Sample Equipment: _____
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: 

Date: 4/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G111
Sample ID: 028
Date (s): 4/1/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 49 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 10:05

Static Water Level: 5.44 feet below TOC
Total Depth: 21.90 feet below TOC
Water Column: 16.46 feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: 

Date: 4/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G112
Sample ID: 029
Date (s): 4/1/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 50 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 11:03

Static Water Level: 3.74 feet below TOC
Total Depth: 23.60 feet below TOC
Water Column: 19.86 feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: _____ Sample Date/Time: _____
Sample Method: _____ Sample Equipment: _____
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: Payton Yoch

Date: 4/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G113
Sample ID: 030
Date (s): 4/1/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 49 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 10:37

Static Water Level: 15.41 feet below TOC
Total Depth: 34.20 feet below TOC
Water Column: 18.79 feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: _____ Sample Date/Time: _____
Sample Method: _____ Sample Equipment: _____
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: Payton Yoch

Date: 4/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G114
Sample ID: 031
Date (s): 4/1/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 50 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 11:53

Static Water Level: 18.33 feet below TOC
Total Depth: 44.68 feet below TOC
Water Column: 26.35 feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: _____ Sample Date/Time: _____
Sample Method: _____ Sample Equipment: _____
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: [Signature]

Date: 4/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G115
Sample ID: 032
Date (s): 4/1/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 51 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 12:38

Static Water Level: 8.64 feet below TOC
Total Depth: 19.60 feet below TOC
Water Column: 10.96 feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: _____ Sample Date/Time: _____
Sample Method: _____ Sample Equipment: _____
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: [Signature]

Date: 4/1/2025



Field Data Sheet

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G116
Sample ID: 033
Date (s): 4/3/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 63 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/3/2025 10:16 Static Water Level: 6.19 feet below TOC
Total Depth: 21.80 feet below TOC
Water Column: 15.61 feet

Purging Activities

Purged By: DC Purge Date: 4/3/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 15.61 ft. x 0.022 = 0.34 L x 3 Vol. = 1.02 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:16	0.0	192	purge start time						
10:30	2.7	↓	6.83	1,766.20	14.78	3.08	66.20	9.33	
10:33	3.3		6.81	1,764.20	14.50	2.83	67.00	11.74	
10:36	3.8		6.81	1,761.40	13.97	2.57	67.70	9.12	
10:39	4.4		6.80	1,759.30	13.63	2.41	68.30	8.21	
10:42	5.0		6.79	1,758.10	13.46	2.29	68.80	8.08	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/3/2025 10:42
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.79 pH 1,758.10 Spec. Cond. 13.46 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 6.87 feet below TOC Drawdown: 0.68 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By:

Brett Gillihan

Date:

4/3/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G117
Sample ID: 034
Date (s): 4/1/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 52 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 12:26 Static Water Level: 19.68 feet below TOC
Total Depth: 21.80 feet below TOC
Water Column: 2.12 feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By:  Date: 4/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G118
Sample ID: 035
Date (s): 4/1/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 52 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 12:30

Static Water Level: 16.56 feet below TOC
Total Depth: 22.70 feet below TOC
Water Column: 6.14 feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: _____ Sample Date/Time: _____
Sample Method: _____ Sample Equipment: _____
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: [Signature]

Date: 4/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G119
Sample ID: 036
Date (s): 4/1/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 51 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 11:47

Static Water Level: 3.58 feet below TOC
Total Depth: 22.80 feet below TOC
Water Column: 19.22 feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: 

Date: 4/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G120
Sample ID: 037
Date (s): 4/1/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 52 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 12:34

Static Water Level: 9.84 feet below TOC
Total Depth: 23.70 feet below TOC
Water Column: 13.86 feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: 

Date: 4/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G125
Sample ID: 038
Date (s): 4/7/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 52 °F Wind Direction: ☐ N ☐ S ☒ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

		Locks	Yes	No
Well Pad	<u>Good</u>			
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/7/2025 11:57 Static Water Level: 2.41 feet below TOC
Total Depth: 22.80 feet below TOC
Water Column: 20.39 feet

Purging Activities

Purged By: PY Purge Date: 4/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 20.39 ft. x 0.022 = 0.45 L x 3 Vol. = 1.35 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Clear Odor: None Color: None

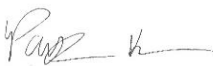
Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:58	0.0	241	purge start time						
12:06	1.9	↓	6.59	3,728.20	13.44	3.56	20.80	2.64	
12:09	2.7		6.59	3,728.60	13.44	3.28	25.20	2.55	
12:12	3.4		6.59	3,725.20	13.53	3.05	28.50	2.20	
12:15	4.1		6.59	3,729.30	13.48	2.82	31.10	1.30	
12:18	4.8		6.59	3,729.40	13.51	2.62	33.20	1.02	
12:21	5.6		6.59	3,733.60	13.57	2.45	35.10	1.01	
12:24	6.3		6.59	3,731.80	13.64	2.31	36.80	0.94	
12:27	7.0		6.59	3,730.70	13.67	2.19	38.30	0.93	

Sampling Activities

Sampled By: TC Sample Date/Time: 4/7/2025 12:27
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.59 pH 3,730.70 Spec. Cond. 13.67 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.86 feet below TOC Drawdown: 8.45 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By: 

Date: 4/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G128
Sample ID: 039
Date (s): 4/7/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 52 °F Wind Direction: ☐ N ☐ S ☒ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>		Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 4/7/2025 12:43 Static Water Level: 5.04 feet below TOC
Total Depth: 30.20 feet below TOC
Water Column: 25.16 feet

Purging Activities

Purged By: PY Purge Date: 4/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 25.16 ft. x 0.022 = 0.55 L x 3 Vol. = 1.65 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:44	0.0	200	purge start time						
12:51	1.4	↓	6.62	16,036.10	14.58	1.58	51.30	44.12	
12:54	2.0		6.62	16,125.20	14.75	1.42	50.50	23.38	
12:57	2.6		6.62	16,159.30	14.77	1.31	50.40	42.30	
13:00	3.2		6.62	16,170.20	14.94	1.26	50.60	47.95	
13:03	3.8		6.62	16,208.80	14.89	1.23	51.10	63.45	
13:06	4.4		6.62	16,193.00	15.08	1.20	51.70	16.23	
13:09	5.0		6.62	16,212.80	14.98	1.19	52.70	13.75	

Sampling Activities

Sampled By: TC Sample Date/Time: 4/7/2025 13:09
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.62 pH 16,212.80 Spec. Cond. 14.98 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.92 feet below TOC Drawdown: 4.88 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By: 

Date: 4/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G130
Sample ID: 040
Date (s): 4/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 54 °F Wind Direction: ☐ N ☐ S ☒ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/7/2025 13:07 Static Water Level: 3.84 feet below TOC
Total Depth: 21.90 feet below TOC
Water Column: 18.06 feet

Purging Activities

Purged By: JC Purge Date: 4/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 18.06 ft. x 0.022 = 0.4 L x 3 Vol. = 1.2 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:07	0.0	375	purge start time						
13:11	1.5	↓	6.47	11,746.10	13.25	2.94	110.10	2.76	
13:14	2.6		6.40	11,730.40	13.22	2.15	108.50	2.86	
13:17	3.8		6.36	11,736.20	13.22	1.74	107.50	2.72	
13:20	4.9		6.34	11,712.10	13.31	1.54	106.60	2.36	
13:23	6.0		6.35	11,413.40	13.21	1.40	104.60	1.79	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/7/2025 13:23
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.35 pH 11,413.40 Spec. Cond. 13.21 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 4.85 feet below TOC Drawdown: 1.01 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By:

Brett Gillihan

Date:

4/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G133
Sample ID: 041
Date (s): 4/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 54 °F Wind Direction: ☐ N ☐ S ☒ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/7/2025 12:36 Static Water Level: 5.55 feet below TOC
Total Depth: 27.90 feet below TOC
Water Column: 22.35 feet

Purging Activities

Purged By: JC Purge Date: 4/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 22.35 ft. x 0.022 = 0.49 L x 3 Vol. = 1.47 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:36	0.0	313	purge start time						
12:40	1.3	↓	9.57	471.80	12.72	6.01	17.30	4.18	
12:43	2.2		9.60	480.00	13.02	5.53	19.90	4.53	
12:46	3.1		9.58	480.40	13.39	5.41	20.40	4.39	
12:49	4.1		9.61	508.00	13.07	5.33	20.10	7.55	
12:52	5.0		9.66	501.10	12.78	5.04	19.50	6.99	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/7/2025 12:52
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 9.66 pH 501.10 Spec. Cond. 12.78 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 6.23 feet below TOC Drawdown: 0.68 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By:

Brett Gillihan

Date:

4/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G136
Sample ID: 042
Date (s): 4/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 54 °F Wind Direction: ☐ N ☐ S ☒ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/7/2025 12:08 Static Water Level: 5.41 feet below TOC
Total Depth: 22.30 feet below TOC
Water Column: 16.89 feet

Purging Activities

Purged By: JC Purge Date: 4/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 16.89 ft. x 0.022 = 0.37 L x 3 Vol. = 1.11 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:08	0.0	294	purge start time						
12:10	0.6	↓	6.93	5,190.30	13.44	3.43	82.00	15.21	
12:13	1.5		6.87	5,129.40	14.07	2.30	76.20	12.21	
12:16	2.4		6.85	5,030.30	13.99	1.88	73.30	11.14	
12:19	3.2		6.85	4,837.90	14.15	1.64	70.50	11.05	
12:22	4.1		6.86	4,690.80	14.19	1.51	68.30	10.23	
12:25	5.0		6.88	4,514.80	14.27	1.43	66.50	9.56	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/7/2025 12:25
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.88 pH 4,514.80 Spec. Cond. 14.27 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 7.14 feet below TOC Drawdown: 1.73 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: Brett Gillihan

Date: 4/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G139
Sample ID: 043
Date (s): 4/2/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 81 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 14:18 Static Water Level: 5.70 feet below TOC
Total Depth: 22.90 feet below TOC
Water Column: 17.20 feet

Purging Activities

Purged By: PY Purge Date: 4/2/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 17.2 ft. x 0.022 = 0.38 L x 3 Vol. = 1.14 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
14:20	0.0	226	purge start time						
14:27	1.6	↓	6.76	9,026.80	16.95	3.20	-23.20	13.19	
14:30	2.3		6.78	8,862.40	16.64	2.87	-13.30	6.00	
14:33	2.9		6.78	8,852.90	16.54	2.63	3.20	4.70	
14:36	3.6		6.76	8,979.00	16.59	2.41	9.40	4.01	
14:39	4.3		6.64	10,367.30	16.15	2.19	-11.80	7.96	
14:42	5.0		6.69	9,348.90	16.14	2.05	-24.10	2.63	
14:45	5.6		6.76	8,895.20	16.06	1.91	-11.60	1.67	
14:48	6.3		6.78	8,803.00	15.95	1.76	-5.70	1.08	
14:51	7.0		6.80	8,690.50	15.98	1.66	5.70	1.36	

Sampling Activities

Sampled By: PY Sample Date/Time: 4/2/2025 14:51
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.80 pH 8,690.50 Spec. Cond. 15.98 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 6.49 feet below TOC Drawdown: 0.79 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By: Tracy Carroll

Date: 4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G141
Sample ID: 044
Date (s): 4/3/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 57 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/3/2025 10:30 Static Water Level: 10.56 feet below TOC
Total Depth: 25.32 feet below TOC
Water Column: 14.76 feet

Purging Activities

Purged By: PY Purge Date: 4/3/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.76 ft. x 0.022 = 0.32 L x 3 Vol. = 0.96 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:30	0.0	190	purge start time						
10:39	1.7	↓	6.75	7,886.00	14.64	1.96	-43.00	13.77	
10:42	2.3		6.76	7,632.00	14.50	1.78	-35.90	9.45	
10:45	2.9		6.79	7,200.20	14.33	1.58	-32.30	6.91	
10:48	3.4		6.82	6,655.10	14.31	1.50	-28.20	5.63	
10:51	4.0		6.85	6,278.90	14.31	1.46	-24.70	4.58	

Sampling Activities

Sampled By: TC Sample Date/Time: 4/3/2025 10:51
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.85 pH 6,278.90 Spec. Cond. 14.31 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 11.40 feet below TOC Drawdown: 0.84 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By: Payton Yoch

Date: 4/3/2025



Field Data Sheet

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G202
Sample ID: 045
Date (s): 4/1/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 51 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 12:51 Static Water Level: 47.84 feet below TOC
Total Depth: 47.98 feet below TOC
Water Column: 0.14 feet

Purging Activities

Purged By: JC Purge Date: 4/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 0.14 ft. x 0.022 = 0.003 L x 3 Vol. = 0.009 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 10.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:51	0.0	238	purge start time						
12:57	1.4	↓	8.11	2,523.30	13.37	9.84	173.60	25.95	
13:00	2.1		7.95	2,530.70	13.75	7.38	176.50	25.15	
13:03	2.9		7.64	2,582.50	13.75	3.56	180.00	30.71	
13:06	3.6		7.57	2,592.50	13.83	1.85	179.20	129.97	
13:09	4.3		7.60	20.00	14.85	8.07	176.70	41.73	
13:12	5.0		7.45	2,633.60	13.87	1.43	173.80	98.89	
13:15	5.7		7.43	2,627.50	13.94	0.75	167.80	317.30	
13:18	6.4		7.42	2,612.80	13.94	0.55	161.00	367.01	
13:21	7.1		7.41	2,596.80	13.94	0.46	153.90	541.74	
13:24	7.9		7.40	2,581.10	13.95	0.40	146.90	132.02	
13:27	8.6		7.40	2,564.90	13.97	0.36	140.00	247.81	
13:30	9.3		7.39	2,550.10	13.99	0.32	133.40	154.60	
13:33	10.0		7.39	2,534.00	14.00	0.30	127.10	233.88	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/1/2025 13:33
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.39 pH 2,534.00 Spec. Cond. 14.00 Temp _____
Field Filtered: No Filter Type: _____
Water Level: 47.88 feet below TOC Drawdown: 0.04 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp

Date: 4/1/2025



Field Data Sheet

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G217S
Sample ID: 046
Date (s): 4/3/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 60 °F Wind Direction: ☐ N ☐ S ☒ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	X	
Protective Casing	<u>Good</u>		Well		X
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 4/3/2025 9:33 Static Water Level: 5.67 feet below TOC
Total Depth: 21.40 feet below TOC
Water Column: 15.73 feet

Purging Activities

Purged By: DC Purge Date: 4/3/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 15.73 ft. x 0.022 = 0.35 L x 3 Vol. = 1.05 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.50 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:33	0.0	214	purge start time						
9:39	1.3	↓	6.53	12,368.00	13.93	2.72	97.90	17.49	
9:42	1.9		6.53	12,367.50	13.34	2.35	97.50	21.50	
9:45	2.6		6.54	12,354.50	13.28	2.04	97.20	27.05	
9:48	3.2		6.54	12,346.20	13.42	1.90	97.00	33.71	
9:51	3.9		6.55	12,348.10	13.51	1.82	96.90	39.07	
9:54	4.5		6.55	12,347.20	13.60	1.76	96.80	56.43	

Sampling Activities

Sampled By: DC Sample Date/Time: 4/3/2025 9:54
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.55 pH 12,347.20 Spec. Cond. 13.60 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 12.56 feet below TOC Drawdown: 6.89 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: Brett Gillihan

Date: 4/3/2025



Field Data Sheet

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G221
Sample ID: 047
Date (s): 4/3/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 54 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/3/2025 9:32 Static Water Level: 25.30 feet below TOC
Total Depth: 86.90 feet below TOC
Water Column: 61.60 feet

Purging Activities

Purged By: PY Purge Date: 4/3/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 61.6 ft. x 0.022 = 1.36 L x 3 Vol. = 4.08 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 2.50 L
Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:35	0.0	139	purge start time						
9:41	0.8	↓	6.74	3,031.60	14.91	2.03	-60.10	2.72	
9:44	1.2		6.78	3,002.10	14.89	1.88	-62.60	2.73	
9:47	1.7		6.81	2,989.00	15.02	1.82	-61.50	2.67	
9:50	2.1		6.84	2,983.80	15.26	1.86	-57.60	2.60	
9:53	2.5		6.85	2,985.10	15.38	1.95	-53.70	2.69	

Sampling Activities

Sampled By: TC Sample Date/Time: 4/3/2025 9:53
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.85 pH 2,985.10 Spec. Cond. 15.38 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 29.27 feet below TOC Drawdown: 3.97 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By: 

Date: 4/3/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G225
Sample ID: 048
Date (s): 4/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 52 °F Wind Direction: ☐ N ☐ S ☒ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/7/2025 11:25 Static Water Level: 6.00 feet below TOC
Total Depth: 24.70 feet below TOC
Water Column: 18.70 feet

Purging Activities

Purged By: JC Purge Date: 4/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 18.7 ft. x 0.022 = 0.41 L x 3 Vol. = 1.23 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.50 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:25	0.0	237	purge start time						
11:29	0.9	↓	7.03	1,141.50	13.71	3.93	59.00	12.15	
11:32	1.7		6.94	1,141.40	13.82	3.44	59.90	18.49	
11:35	2.4		6.89	1,139.50	13.94	3.15	60.10	22.30	
11:38	3.1		6.86	1,139.60	13.98	2.98	60.00	32.74	
11:41	3.8		6.84	1,140.10	14.08	2.90	59.70	47.17	
11:44	4.5		6.82	1,126.30	15.12	2.96	58.90	55.76	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/7/2025 11:44
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.82 pH 1,126.30 Spec. Cond. 15.12 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.21 feet below TOC Drawdown: 4.21 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: Brett Gillihan

Date: 4/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G230
Sample ID: 049
Date (s): 4/2/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 77 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 13:14 Static Water Level: 47.39 feet below TOC
Total Depth: 81.03 feet below TOC
Water Column: 33.64 feet

Purging Activities

Purged By: JC Purge Date: 4/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 33.64 ft. x 0.022 = 0.74 L x 3 Vol. = 2.22 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:14	0.0	227	purge start time						
13:21	1.6	↓	7.38	3,262.90	16.50	0.61	109.60	45.29	
13:24	2.3		7.35	3,296.60	16.41	0.52	107.80	33.03	
13:27	3.0		7.34	3,266.00	16.37	0.47	105.30	70.90	
13:30	3.6		7.33	3,233.30	16.43	0.43	102.20	78.95	
13:33	4.3		7.32	3,201.70	16.32	0.39	98.80	182.20	
13:36	5.0		7.32	3,170.00	16.32	0.36	95.10	178.87	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/2/2025 13:36
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.32 pH 3,170.00 Spec. Cond. 16.32 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 47.69 feet below TOC Drawdown: 0.30 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756
-

Form Completed By: Justin Colp

Date: 4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G231
Sample ID: 050
Date (s): 4/7/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 44 °F Wind Direction: ☐ N ☐ S ☒ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/7/2025 10:20 Static Water Level: 46.72 feet below TOC
Total Depth: 79.76 feet below TOC
Water Column: 33.04 feet

Purging Activities

Purged By: PY Purge Date: 4/7/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 33.04 ft. x 0.022 = 0.73 L x 3 Vol. = 2.19 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 10.00 L
Physical appearance of purge water: Cloudy Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:29	0.0	323	purge start time						
10:45	5.2	↓	7.08	1,346.10	14.70	1.14	-129.10	232.44	
10:48	6.1		7.09	1,325.00	14.61	1.01	-129.90	217.37	
10:51	7.1		7.09	1,304.10	14.64	0.94	-130.30	197.04	
10:54	8.1		7.09	1,286.00	14.58	0.87	-131.10	179.03	
10:57	9.0		7.09	1,271.20	14.60	0.82	-131.50	168.63	
11:00	10.0		7.09	1,260.60	14.62	0.77	-131.90	166.63	

Sampling Activities

Sampled By: TC Sample Date/Time: 4/7/2025 11:00
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.09 pH 1,260.60 Spec. Cond. 14.62 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 46.72 feet below TOC Drawdown: 0.00 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By: 

Date: 4/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G232
Sample ID: 051
Date (s): 4/2/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 78 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	X	
Protective Casing	<u>Good</u>		Well		X
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 14:39 Static Water Level: 45.24 feet below TOC
Total Depth: 77.66 feet below TOC
Water Column: 32.42 feet

Purging Activities

Purged By: JC Purge Date: 4/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 32.42 ft. x 0.022 = 0.71 L x 3 Vol. = 2.13 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
14:39	0.0	250	purge start time						
14:42	0.7	↓	7.43	3,361.90	15.64	1.40	89.60	36.37	
14:45	1.5		7.36	3,184.00	15.53	1.40	89.80	45.10	
14:48	2.3		7.35	2,927.90	15.37	1.26	87.10	38.25	
14:51	3.0		7.35	2,818.00	15.36	1.36	85.00	35.26	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/2/2025 14:51
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.35 pH 2,818.00 Spec. Cond. 15.36 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 45.39 feet below TOC Drawdown: 0.15 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp

Date: 4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G233
Sample ID: 052
Date (s): 4/2/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 78 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>		Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 14:06 Static Water Level: 41.20 feet below TOC
Total Depth: 76.24 feet below TOC
Water Column: 35.04 feet

Purging Activities

Purged By: JC Purge Date: 4/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 35.04 ft. x 0.022 = 0.77 L x 3 Vol. = 2.31 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
14:06	0.0	333	purge start time						
14:12	2.0	↓	7.33	3,785.60	15.15	0.70	115.90	50.55	
14:15	3.0		7.31	3,691.90	14.91	0.48	111.50	65.58	
14:18	4.0		7.31	3,449.40	14.89	0.44	105.70	17.13	
14:21	5.0		7.31	3,274.30	14.70	0.45	100.00	12.92	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/2/2025 14:21
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.31 pH 3,274.30 Spec. Cond. 14.70 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 43.08 feet below TOC Drawdown: 1.88 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp

Date: 4/2/2025



Field Data Sheet

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G234
Sample ID: 053
Date (s): 4/3/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 61 °F Wind Direction: ☐ N ☐ S ☒ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/3/2025 10:40 Static Water Level: 43.04 feet below TOC
Total Depth: 73.81 feet below TOC
Water Column: 30.77 feet

Purging Activities

Purged By: JC Purge Date: 4/3/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 30.77 ft. x 0.022 = 0.68 L x 3 Vol. = 2.04 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Cloudy Odor: None Color: It brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:41	0.0	263	purge start time						
10:48	1.8	↓	7.14	3,523.00	13.88	0.75	142.00	185.24	
10:51	2.6		7.13	3,387.80	13.86	0.47	139.50	189.53	
10:54	3.4		7.13	3,278.30	13.85	0.38	136.30	192.21	
10:57	4.2		7.12	3,180.70	13.88	0.34	132.90	164.36	
11:00	5.0		7.12	3,109.50	13.92	0.31	129.10	168.28	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/3/2025 11:00
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.12 pH 3,109.50 Spec. Cond. 13.92 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 43.24 feet below TOC Drawdown: 0.20 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp

Date: 4/3/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: L1R
Sample ID: 054
Date (s): 4/8/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 40 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/8/2025 11:08

Static Water Level: 55.37 feet below TOC
Total Depth: 60.11 feet below TOC
Water Column: 4.74 feet

Purging Activities

Purged By: TC Purge Date: 4/8/2025
Purge Method: Bailer Well Diameter: 2"
Purge Volume Calculation (L): 4.74 ft. x 0.022 = 0.1 L x 3 Vol. = 0.3 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): L
Physical appearance of purge water: Cloudy Odor: Moderate Color: Gray

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:08	0.0	N/A	purge start time						
11:12	0.5	↓	10.23	49,167.50	16.80	3.06	124.30	47.64	

Sampling Activities

Sampled By: TC Sample Date/Time: 4/8/2025 11:12
Sample Method: Bailer Purge Sample Equipment: Bailer
Sample Parameters: 10.23 pH 49,167.50 Spec. Cond. 16.80 Temp
Field Filtered: No Filter Type:
Water Level: 56.48 feet below TOC Drawdown: 1.11 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By:

Brett Gillihan

Date: 4/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: L201
Sample ID: 055
Date (s): 4/1/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 52 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 10:46

Static Water Level: 39.96 feet below TOC
Total Depth: feet below TOC
Water Column: feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: Tracy Carroll

Date: 4/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: L202
Sample ID: 056
Date (s): 4/1/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 52 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 11:28

Static Water Level: 45.20 feet below TOC
Total Depth: feet below TOC
Water Column: feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: Tracy Carroll

Date: 4/1/2025



ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Monitoring Point:	L203
Sample ID:	057
Date (s):	4/1/2025

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Temp: 52 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Pad		Locks Protective Casing Well	Yes	No
Casing				X
Protective Casing				X
Reference Mark/Identification				

Level Measurements			Static Water Level:	31.07	feet below TOC
Date/Time Measured:	4/1/2025	11:33	Total Depth:		feet below TOC
			Water Column:		feet

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

[illegible]

Sampled By: _____ Sample Date/Time: _____
 Sample Method: _____ Sample Equipment: _____
 Sample Parameters: _____ pH _____ Spec. Cond. _____ Temp _____
 Field Filtered: _____ Filter Type: _____
 Water Level: _____ feet below TOC Drawdown: _____ feet

Form Completed By: Juan Carroll Date: 4/1/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: L204
Sample ID: 058
Date (s): 4/1/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 52 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 11:42 Static Water Level: 45.62 feet below TOC
Total Depth: feet below TOC
Water Column: feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By:

Tracy Carroll

Date: 4/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: L205
Sample ID: 059
Date (s): 4/1/2025

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 52 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 11:37

Static Water Level: 18.39 feet below TOC
Total Depth: feet below TOC
Water Column: feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By:

Tracy Carroll

Date: 4/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: L301
Sample ID: 060
Date (s): 4/8/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 55 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☒ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Locks	Yes	No
Casing	Protective Casing		X
Protective Casing	Well		X
Reference Mark/Identification			

Groundwater Level Measurements

Date/Time Measured: _____ Static Water Level: _____ feet below TOC
Total Depth: _____ feet below TOC
Water Column: _____ feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: Bladder Pump Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:44	0.5	-	9.83	5,281.90	13.22	2.73	59.40	1.18	

Sampling Activities

Sampled By: TC Sample Date/Time: 4/8/2025 11:44
Sample Method: Direct Sample Sample Equipment: Bladder Pump
Sample Parameters: 9.83 pH 5,281.90 Spec. Cond. 13.22 Temp _____
Field Filtered: No Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: _____

Tracy Carroll

Date: 4/8/2025



ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Monitoring Point:	LREP
Sample ID:	061
Date (s):	4/8/2025

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Temp: 55 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☒ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Pad	_____
Casing	_____
Protective Casing	_____
Reference Mark/Identification	_____

Locks	Yes	No
Protective Casing		X
Well		X

Date/Time Measured: _____

Static Water Level: _____ feet below TOC
Total Depth: _____ feet below TOC
Water Column: _____ feet

Purged By: _____ BG _____ Purge Date: _____

Purge Method: _____ Direct Grab _____ Well Diameter: _____

Purge Volume Calculation (L): _____

Actual Purge Volume (L): _____

Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:29	0.5	-	10.50	17,525.60	18.25	6.43	84.30	1.88	

Sampled By:	TC	Sample Date/Time:	4/8/2025	11:29
Sample Method:	Direct Sample	Sample Equipment:	Direct Grab	
Sample Parameters:	10.50 pH	17,525.60 Spec. Cond.	18.25	Temp
Field Filtered:	No	Filter Type:		
Water Level:	feet below TOC	Drawdown:	feet	

- Field Meter: 34432
- Sampled directly from leachate holding tank

Date: 4/8/2025

Field Data Sheet

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: R217D
Sample ID: 062
Date (s): 4/3/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 61 °F Wind Direction: ☐ N ☐ S ☒ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing		X
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/3/2025 9:24 Static Water Level: 18.72 feet below TOC
Total Depth: 67.80 feet below TOC
Water Column: 49.08 feet

Purging Activities

Purged By: JC Purge Date: 4/3/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $49.08 \text{ ft.} \times 0.022 = 1.08 \text{ L} \times 3 \text{ Vol.} = 3.24 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Cloudy Odor: None Color: It brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:25	0.0	174	purge start time						
9:32	1.2	↓	6.33	8,193.90	14.60	3.14	155.90	33.50	
9:35	1.7		6.33	8,218.90	14.56	2.16	155.40	29.21	
9:38	2.3		6.37	8,249.00	14.37	1.70	155.30	27.70	
9:41	2.8		6.44	8,264.40	14.21	2.21	154.90	32.43	
9:44	3.3		6.48	8,275.50	14.03	2.55	154.80	49.91	
9:47	3.8		6.48	8,282.60	13.91	2.63	155.10	144.74	
9:50	4.3		6.46	8,284.50	13.95	2.29	155.80	261.94	
9:53	4.9		6.42	8,314.80	13.80	1.62	156.60	350.62	
9:56	5.4		6.39	8,302.40	13.54	0.97	157.00	352.97	
9:59	5.9		6.38	8,312.80	13.78	0.79	156.90	287.37	
10:02	6.4		6.38	8,314.70	14.16	0.78	156.40	274.90	
10:05	7.0		6.38	8,328.90	14.51	0.81	155.90	263.88	
10:08	7.5		6.38	8,340.60	14.78	0.83	155.20	252.89	
10:11	8.0		6.38	8,347.80	15.02	0.81	154.50	241.53	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/3/2025 10:11
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.38 pH 8,347.80 Spec. Cond. 15.02 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 20.18 feet below TOC Drawdown: 1.46 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: 

Date: 4/3/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: R219
Sample ID: 063
Date (s): 4/7/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 54 °F Wind Direction: ☐ N ☐ S ☒ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing		X
Protective Casing	<u>Good</u>	Well		X
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/7/2025 13:27 Static Water Level: 19.82 feet below TOC
Total Depth: 64.27 feet below TOC
Water Column: 44.45 feet

Purging Activities

Purged By: PY Purge Date: 4/7/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 44.45 ft. x 0.022 = 0.98 L x 3 Vol. = 2.94 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Cloudy Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:27	0.0	278	purge start time						
13:33	1.7	↓	7.23	1,828.10	14.56	0.55	-151.20	116.98	
13:36	2.5		7.22	1,823.30	14.71	0.45	-155.90	123.77	
13:39	3.3		7.22	1,814.30	14.71	0.41	-158.30	130.69	
13:42	4.2		7.21	1,812.30	14.98	0.38	-159.90	124.79	
13:45	5.0		7.21	1,809.70	15.18	0.36	-160.90	99.59	

Sampling Activities

Sampled By: TC Sample Date/Time: 4/7/2025 13:45
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.21 pH 1,809.70 Spec. Cond. 15.18 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 22.38 feet below TOC Drawdown: 2.56 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By: 

Date: 4/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: S101
Sample ID: 064
Date (s): _____

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 73 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Locks	Yes	No
Casing	Protective Casing		
Protective Casing	Well		
Reference Mark/Identification			

Groundwater Level Measurements

Date/Time Measured: _____ Static Water Level: _____ feet below TOC
Total Depth: _____ feet below TOC
Water Column: _____ feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:53	0.5	-	8.07	1,308.20	22.53	8.77	93.50	27.71	

Sampling Activities

Sampled By: PY Sample Date/Time: 4/2/2025 13:53
Sample Method: Direct Sample Sample Equipment: Peristaltic Pump
Sample Parameters: 8.07 pH 1,308.20 Spec. Cond. 22.53 Temp _____
Field Filtered: No Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By: _____

Date: 4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: S102
Sample ID: 065
Date (s): _____

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 73 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad _____ Locks

Yes	No

Casing _____ Protective Casing _____
Protective Casing _____ Well _____
Reference Mark/Identification _____

Groundwater Level Measurements

Date/Time Measured: _____ Static Water Level: _____ feet below TOC
Total Depth: _____ feet below TOC
Water Column: _____ feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:39	0.5	-	7.68	900.70	18.25	8.85	95.80	37.60	

Sampling Activities

Sampled By: PY Sample Date/Time: 4/2/2025 13:39
Sample Method: Direct Sample Sample Equipment: _____
Sample Parameters: 7.68 pH 900.70 Spec. Cond. 18.25 Temp _____
Field Filtered: No Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By: _____

Date: 4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: SG02
Sample ID: 066
Date (s): 4/1/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 52 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad _____
Casing _____
Protective Casing _____
Reference Mark/Identification _____

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 10:13

Static Water Level: 1.79 feet below TOC
Total Depth: _____ feet below TOC
Water Column: _____ feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: _____ Sample Date/Time: _____
Sample Method: _____ Sample Equipment: _____
Sample Parameters: _____ pH _____ Spec. Cond. _____ Temp _____
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: Payton Yoch

Date: 4/1/2025



Field Data Sheet

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: T101
Sample ID: 067
Date (s): 4/2/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 73 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing		X
Protective Casing	<u>Good</u>	Well		X
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 12:23 Static Water Level: 5.23 feet below TOC
Total Depth: 21.83 feet below TOC
Water Column: 16.60 feet

Purging Activities

Purged By: PY Purge Date: 4/2/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 16.6 ft. x 0.022 = 0.37 L x 3 Vol. = 1.11 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.50 L
Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:26	0.0	250	purge start time						
12:32	1.5	↓	6.85	997.10	14.35	2.50	63.90	10.62	
12:35	2.3		6.83	994.00	14.13	2.20	68.70	5.58	
12:38	3.0		6.82	989.60	14.09	1.91	72.60	5.63	
12:41	3.8		6.81	989.10	15.39	1.92	75.10	4.74	
12:44	4.5		6.81	991.80	15.49	1.98	77.50	3.97	

Sampling Activities

Sampled By: PY Sample Date/Time: 4/2/2025 12:44
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.81 pH 991.80 Spec. Cond. 15.49 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 8.57 feet below TOC Drawdown: 3.34 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By:

Tracy Carroll

Date:

4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: T102
Sample ID: 068
Date (s): 4/2/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 73 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	X	
Protective Casing	<u>Good</u>		Well		X
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 13:00 Static Water Level: 5.01 feet below TOC
Total Depth: 21.49 feet below TOC
Water Column: 16.48 feet

Purging Activities

Purged By: PY Purge Date: 4/2/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 16.48 ft. x 0.022 = 0.36 L x 3 Vol. = 1.08 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.50 L
Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:00	0.0	275	purge start time						
13:11	3.0	↓	6.89	1,011.50	13.73	2.78	79.60	13.21	
13:14	3.8		6.88	1,014.90	13.86	2.55	86.80	12.42	
13:17	4.7		6.87	1,026.10	14.46	2.51	90.20	13.06	
13:20	5.5		6.87	1,040.00	15.07	2.49	92.90	13.32	

Sampling Activities

Sampled By: PY Sample Date/Time: 4/2/2025 13:20
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.87 pH 1,040.00 Spec. Cond. 15.07 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.78 feet below TOC Drawdown: 4.77 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By:

Tracy Carroll

Date: 4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: XSG01
Sample ID: 069
Date (s): 4/1/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 52 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad _____
Casing _____
Protective Casing _____
Reference Mark/Identification _____

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 10:20

Static Water Level: 11.18 feet below TOC
Total Depth: - feet below TOC
Water Column: #VALUE! feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: _____ Sample Date/Time: _____
Sample Method: _____ Sample Equipment: _____
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: Payton Yoch

Date: 4/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: Field Blank
Sample ID: 070
Date (s): _____

Field Team Members

Name: Tracy Carroll Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 55 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☒ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Locks	Yes	No
Casing	Protective Casing		
Protective Casing	Well		
Reference Mark/Identification			

Groundwater Level Measurements

Date/Time Measured: _____ Static Water Level: _____ feet below TOC
Total Depth: _____ feet below TOC
Water Column: _____ feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: Direct Grab Well Diameter: _____
Purge Volume Calculation (L): _____ **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): L
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: TC Sample Date/Time: 4/8/2025 12:05
Sample Method: Direct Sample Sample Equipment: Direct Grab
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- QA/QC Sample

Form Completed By: _____

Tracy Carroll

Date: 4/8/2025



Field Data Sheet

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: A214 Duplicate
Sample ID: 071
Date (s): 4/2/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 76 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 13:02 Static Water Level: 40.29 feet below TOC
Total Depth: 75.50 feet below TOC
Water Column: 35.21 feet

Purging Activities

Purged By: DC Purge Date: 4/2/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 35.21 ft. x 0.022 = 0.77 L x 3 Vol. = 2.31 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
13:02	0.0	216	purge start time						
13:27	5.4	↓	7.32	2,562.10	22.54	3.09	112.70	200.54	
13:30	6.1		7.31	2,577.70	22.57	2.76	113.40	180.78	
13:33	6.7		7.33	2,627.10	19.29	2.17	114.60	170.11	
13:36	7.4		7.33	2,631.60	18.74	1.71	113.90	168.05	
13:39	8.0		7.32	2,645.50	18.91	1.45	113.00	154.75	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/2/2025 13:39
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.32 pH 2,645.50 Spec. Cond. 18.91 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 40.87 feet below TOC Drawdown: 0.58 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432
-

Form Completed By:

Brett Gillihan

Date:

4/2/2025



Field Data Sheet

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW09 Duplicate
Sample ID: 072
Date (s): 4/2/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 68 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 9:06

Static Water Level: 26.41 feet below TOC
Total Depth: 65.00 feet below TOC
Water Column: 38.59 feet

Purging Activities

Purged By: DC Purge Date: 4/2/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 38.59 ft. x 0.022 = 0.85 L x 3 Vol. = 2.55 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:06	0.0	286	purge start time						
9:19	3.7	↓	7.23	2,912.10	14.95	1.31	136.40	201.77	
9:22	4.6		7.24	2,907.90	14.93	0.95	134.30	278.71	
9:25	5.4		7.26	2,905.70	14.99	0.77	132.40	284.19	
9:28	6.3		7.26	2,910.00	14.88	0.68	130.90	232.44	
9:31	7.1		7.27	2,917.30	14.89	0.62	129.50	247.27	
9:34	8.0		7.28	2,923.60	14.89	0.58	128.20	259.72	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/2/2025 9:34
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.28 pH 2,923.60 Spec. Cond. 14.89 Temp
Field Filtered: No Filter Type:
Water Level: 26.83 feet below TOC Drawdown: 0.42 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432

Form Completed By: Brett Gillihan

Date: 4/2/2025



Field Data Sheet

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: APW18 Duplicate
Sample ID: 073
Date (s): 4/1/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 49 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/1/2025 12:01 Static Water Level: 51.78 feet below TOC
Total Depth: 82.70 feet below TOC
Water Column: 30.92 feet

Purging Activities

Purged By: JC Purge Date: 4/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 30.92 ft. x 0.022 = 0.68 L x 3 Vol. = 2.04 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.50 L
Physical appearance of purge water: Clear Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:01	0.0	184	purge start time						
12:02	0.2	↓	7.36	2,049.60	14.07	3.13	219.70	6.11	
12:05	0.7		7.42	2,053.10	13.68	1.72	218.40	7.07	
12:08	1.3		7.50	2,058.90	13.41	1.23	212.50	7.62	
12:11	1.8		7.55	2,060.10	13.45	1.03	204.50	9.06	
12:14	2.4		7.58	2,060.60	13.39	0.91	196.60	13.97	
12:17	2.9		7.58	2,059.40	13.56	0.83	188.90	20.70	
12:20	3.5		7.59	2,062.80	13.74	0.77	180.90	25.02	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/1/2025 12:20
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.59 pH 2,062.80 Spec. Cond. 13.74 Temp _____
Field Filtered: No Filter Type: _____
Water Level: 51.80 feet below TOC Drawdown: 0.02 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp

Date: 4/1/2025



Field Data Sheet

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G116 Duplicate
Sample ID: 074
Date (s): 4/3/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 63 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

	Well Pad	Good	Locks	Yes	No
	Casing	Good	Protective Casing	X	
	Protective Casing	Good	Well		X
	Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/3/2025 10:16 Static Water Level: 6.19 feet below TOC
Total Depth: 21.80 feet below TOC
Water Column: 15.61 feet

Purging Activities

Purged By: DC Purge Date: 4/3/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 15.61 ft. x 0.022 = 0.34 L x 3 Vol. = 1.02 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:16	0.0	192	purge start time						
10:30	2.7	↓	6.83	1,766.20	14.78	3.08	66.20	9.33	
10:33	3.3		6.81	1,764.20	14.50	2.83	67.00	11.74	
10:36	3.8		6.81	1,761.40	13.97	2.57	67.70	9.12	
10:39	4.4		6.80	1,759.30	13.63	2.41	68.30	8.21	
10:42	5.0		6.79	1,758.10	13.46	2.29	68.80	8.08	

Sampling Activities

Sampled By: BG Sample Date/Time: 4/3/2025 10:42
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.79 pH 1,758.10 Spec. Cond. 13.46 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 6.87 feet below TOC Drawdown: 0.68 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 34432
-

Form Completed By:

Brett Gillihan

Date:

4/3/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G139 Duplicate
Sample ID: 075
Date (s): 4/2/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Tracy Carroll Affiliation: TekLab, Inc.

Weather Conditions

Temp: 81 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 4/2/2025 14:18 Static Water Level: 5.70 feet below TOC
Total Depth: 22.90 feet below TOC
Water Column: 17.20 feet

Purging Activities

Purged By: PY Purge Date: 4/2/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $17.2 \text{ ft.} \times 0.022 = 0.38 \text{ L} \times 3 \text{ Vol.} = 1.14 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
14:20	0.0	226	purge start time						
14:27	1.6	↓	6.76	9,026.80	16.95	3.20	-23.20	13.19	
14:30	2.3		6.78	8,862.40	16.64	2.87	-13.30	6.00	
14:33	2.9		6.78	8,852.90	16.54	2.63	3.20	4.70	
14:36	3.6		6.76	8,979.00	16.59	2.41	9.40	4.01	
14:39	4.3		6.64	10,367.30	16.15	2.19	-11.80	7.96	
14:42	5.0		6.69	9,348.90	16.14	2.05	-24.10	2.63	
14:45	5.6		6.76	8,895.20	16.06	1.91	-11.60	1.67	
14:48	6.3		6.78	8,803.00	15.95	1.76	-5.70	1.08	
14:51	7.0		6.80	8,690.50	15.98	1.66	5.70	1.36	

Sampling Activities

Sampled By: PY Sample Date/Time: 4/2/2025 14:51
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.80 pH 8,690.50 Spec. Cond. 15.98 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 6.49 feet below TOC Drawdown: 0.79 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 45280

Form Completed By: Tracy Carroll

Date: 4/2/2025



Field Data Sheet

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: G234 Duplicate
Sample ID: 076
Date (s): 4/3/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 61 °F Wind Direction: ☐ N ☐ S ☒ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 4/3/2025 10:40 Static Water Level: 43.04 feet below TOC
Total Depth: 73.81 feet below TOC
Water Column: 30.77 feet

Purging Activities

Purged By: JC Purge Date: 4/3/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 30.77 ft. x 0.022 = 0.68 L x 3 Vol. = 2.04 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Cloudy Odor: None Color: It brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:41	0.0	263	purge start time						
10:48	1.8	↓	7.14	3,523.00	13.88	0.75	142.00	185.24	
10:51	2.6		7.13	3,387.80	13.86	0.47	139.50	189.53	
10:54	3.4		7.13	3,278.30	13.85	0.38	136.30	192.21	
10:57	4.2		7.12	3,180.70	13.88	0.34	132.90	164.36	
11:00	5.0		7.12	3,109.50	13.92	0.31	129.10	168.28	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/3/2025 11:00
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.12 pH 3,109.50 Spec. Cond. 13.92 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 43.24 feet below TOC Drawdown: 0.20 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: Justin Colp

Date: 4/3/2025



Field Data Sheet

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: R217D Duplicate
Sample ID: 077
Date (s): 4/3/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 61 °F Wind Direction: ☐ N ☐ S ☒ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No	
Casing	Good		Protective Casing	X	
Protective Casing	Good		Well		X
Reference Mark/Identification	Yes				

Groundwater Level Measurements

Date/Time Measured: 4/3/2025 9:24 Static Water Level: 18.72 feet below TOC
Total Depth: 67.80 feet below TOC
Water Column: 49.08 feet

Purging Activities

Purged By: JC Purge Date: 4/3/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $49.08 \text{ ft.} \times 0.022 = 1.08 \text{ L} \times 3 \text{ Vol.} = 3.24 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Cloudy Odor: None Color: It brown

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:25	0.0	174	purge start time						
9:32	1.2	↓	6.33	8,193.90	14.60	3.14	155.90	33.50	
9:35	1.7		6.33	8,218.90	14.56	2.16	155.40	29.21	
9:38	2.3		6.37	8,249.00	14.37	1.70	155.30	27.70	
9:41	2.8		6.44	8,264.40	14.21	2.21	154.90	32.43	
9:44	3.3		6.48	8,275.50	14.03	2.55	154.80	49.91	
9:47	3.8		6.48	8,282.60	13.91	2.63	155.10	144.74	
9:50	4.3		6.46	8,284.50	13.95	2.29	155.80	261.94	
9:53	4.9		6.42	8,314.80	13.80	1.62	156.60	350.62	
9:56	5.4		6.39	8,302.40	13.54	0.97	157.00	352.97	
9:59	5.9		6.38	8,312.80	13.78	0.79	156.90	287.37	
10:02	6.4		6.38	8,314.70	14.16	0.78	156.40	274.90	
10:05	7.0		6.38	8,328.90	14.51	0.81	155.90	263.88	
10:08	7.5		6.38	8,340.60	14.78	0.83	155.20	252.89	
10:11	8.0		6.38	8,347.80	15.02	0.81	154.50	241.53	

Sampling Activities

Sampled By: JC Sample Date/Time: 4/3/2025 10:11
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.38 pH 8,347.80 Spec. Cond. 15.02 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 20.18 feet below TOC Drawdown: 1.46 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210756

Form Completed By: 

Date: 4/3/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: Equipment Blank 1
Sample ID: 078
Date (s): _____

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 76 °F Wind Direction: ☒ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Locks	Yes	No
Casing	Protective Casing		
Protective Casing	Well		
Reference Mark/Identification			

Groundwater Level Measurements

Date/Time Measured: _____ Static Water Level: _____ feet below TOC
Total Depth: _____ feet below TOC
Water Column: _____ feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: JC Sample Date/Time: 4/2/2025 16:30
Sample Method: Direct Sample Sample Equipment: Direct Grab
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- QA/QC Sample; collected from non-dedicated submersible pump

Form Completed By: _____

Date: 4/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: Equipment Blank 2
Sample ID: 079
Date (s): 4/7/2025

Field Team Members

Name: _____ Affiliation: _____
Name: _____ Affiliation: _____

Weather Conditions

Temp: _____ °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Locks	Yes	No
Casing	Protective Casing		
Protective Casing	Well		
Reference Mark/Identification			

Groundwater Level Measurements

Date/Time Measured: _____ Static Water Level: _____ feet below TOC
Total Depth: _____ feet below TOC
Water Column: _____ feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: JC Sample Date/Time: 4/7/2025 16:15
Sample Method: Direct Sample Sample Equipment: _____
Sample Parameters: pH Spec. Cond. _____ Temp _____
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- QA/QC Sample; collected from non-dedicated submersible pump

Form Completed By: _____

Date: _____



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW- 25Q2
Project Location: Newton, IL
W.O. Number (s): 25031355

Monitoring Point: Equipment Blank 3
Sample ID: 080
Date (s): _____

Field Team Members

Name: _____ Affiliation: _____
Name: _____ Affiliation: _____

Weather Conditions

Temp: _____ °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Locks	Yes	No
Casing	Protective Casing		
Protective Casing	Well		
Reference Mark/Identification			

Groundwater Level Measurements

Date/Time Measured: _____ Static Water Level: _____ feet below TOC
Total Depth: _____ feet below TOC
Water Column: _____ feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: _____ Sample Date/Time: _____
Sample Method: _____ Sample Equipment: _____
Sample Parameters: _____ pH _____ Spec. Cond. _____ Temp _____
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Not used

Form Completed By: _____ Date: _____



Site Sampling Event: NEW-25Q2
LIMS Workorder: 25031355
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Newton- 2Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 210756 Technician(s): justin colp Date: 4/1/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240312a	4.00	4/1/25 8:49
7.0 Buffer	wc240913b	7.00	4/1/25 8:45
10.0 Buffer	wc240625a	10.00	4/1/25 8:53
LCS/CCV (7.0 Buffer)			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103290	1412	4/1/25 8:58

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.43	4/1/25 8:59
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1-JC	LCS	4/1/25 9:02	19.9	7.02	1,409	0.13		
CCV-M-1-JC	CCV	4/1/25 12:38	20.6	7.06	1,399	0.09		
CCV-1-JC	CCV	4/1/25 15:18	21	7.08	1,385	0.05		

Comments: _____

Field Meter ID: Pine 210756 Technician(s): justin colp Date: 4/2/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240312a	4.00	4/2/25 8:26
7.0 Buffer	wc240913b	7.00	4/2/25 8:22
10.0 Buffer	wc240625a	10.00	4/2/25 8:31
LCS/CCV (7.0 Buffer)			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103290	1412	4/2/25 8:38

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.02	4/2/25 8:38
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-JC	LCS	4/2/25 8:41	18.5	7.03	1,410	0.02		
CCV-M-2-JC	CCV	4/2/25 11:56	19.6	7.05	1,399	0.19		
CCV-2-JC	CCV	4/2/25 15:18	20.4	7.06	1,382	0.26		

Comments: _____

Site Sampling Event: NEW-25Q2
LIMS Workorder: 25031355
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Newton- 2Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 210756 Technician(s): justin colp Date: 4/3/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc240312a	4.00	4/3/25 8:50
7.0 Buffer	wc240913b	7.00	4/3/25 8:47
10.0 Buffer	wc240625a	10.00	4/3/25 8:54
LCS/CCV (7.0 Buffer)			

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 μ S Std.	103290	1412	4/3/25 9:01

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.03	4/3/25 9:01
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity μ S	Turbidity NTU	ORP mV	D.O. %
LCS-3-JC	LCS	4/3/25 9:03	19.2	7.00	1,411	0.03		
CCV-3-JC	CCV	4/3/25 12:22	18.9	7.04	1,432	0.05		

Comments: _____

Site Sampling Event: NEW-25Q2
LIMS Workorder: 25031355
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Newton- 2Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 34432 Technician(s): B. Gillihan/ D. Crump Date: 4/2/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240312A	4.00	4/2/25 8:31
7.0 Buffer	WC240913B	7.00	4/2/25 8:28
10.0 Buffer	WC240625A	10.00	4/2/25 8:36
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103290	1412	4/2/25 8:38

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.04	4/2/25 8:40
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1-BG	LCS	4/2/25 8:39	18.3	7.01	1,412	0.04		
CCV-M-1-BG	CCV	4/2/25 11:26	19	7.04	1,416	0.06		
CCV-1-BG	CCV	4/2/25 15:10	20.9	7.02	1,420	0.04		

Comments: _____

Field Meter ID: Pine 34432 Technician(s): B. Gillihan/ D. Crump Date: 4/3/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240312A	4.00	4/3/25 8:51
7.0 Buffer	WC240913B	7.00	4/3/25 8:45
10.0 Buffer	WC240625A	10.00	4/3/25 8:53
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103290	1412	4/3/25 9:00

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.5	4/3/25 9:09
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-BG	LCS	4/3/25 9:09	19.4	7.00	1,412	0.5		
CCV-2-BG	CCV	4/3/25 12:20	19.1	7.01	1,419	0.6		

Comments: _____

Site Sampling Event: NEW-25Q2
LIMS Workorder: 25031355
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Newton- 2Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 34432 Technician(s): B. Gillihan/ J. Colp Date: 4/7/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240312A	4.00	4/7/25 9:24
7.0 Buffer	WC240913B	7.00	4/7/25 9:18
10.0 Buffer	WC240625A	10.00	4/7/25 9:28
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1413	4/7/25 9:30

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.4	4/7/25 9:36
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3-BG	LCS	4/7/25 11:45	19.3	7.02	1,413	0.4		
CCV-3-BG	CCV	4/7/25 16:07	18.9	7.03	1,406	0.5		

Comments: _____

Field Meter ID: Pine 34432 Technician(s): B. Gillihan/ T. Carroll Date: 4/8/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240312A	4.00	4/8/25 10:41
7.0 Buffer	WC240913B	7.00	4/8/25 10:47
10.0 Buffer	WC240625A	10.00	4/8/25 10:45
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	4/8/25 10:49

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.06	4/8/25 10:50
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-4-BG	LCS	4/8/25 10:51	9.4	7.02	1,413	1.12		
CCV-4-BG	CCV	4/8/25 12:01	11.5	7.02	1,400	0.96		

Comments: _____

Site Sampling Event: NEW-25Q2
LIMS Workorder: 25031355
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Newton- 2Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 45280 Technician(s): Tracy Carroll Date: 4/2/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240312A	4.00	4/2/25 8:37
7.0 Buffer	WC240913B	7.00	4/2/25 8:47
10.0 Buffer	WC240625A	10.00	4/2/25 8:39
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103290	1412	4/2/25 8:53

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-1-TC	LCS	4/2/25 8:54	18.5	7.05	1,412	1.2		
CCV-1-TC	CCV	4/2/25 15:18	19.8	7.10	1,443	1.25		

Comments:

Field Meter ID: Pine 42580 Technician(s): Tracy Carroll Date: 4/3/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240312A	4.00	4/3/25 8:59
7.0 Buffer	WC240913B	7.00	4/3/25 9:02
10.0 Buffer	WC240625A	10.00	4/3/25 8:58
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103290	1412	4/3/25 8:54

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-TC	LCS	4/3/25 9:02	19	6.97	1,414	1.09		
CCV-2-TC	CCV	4/3/25 12:23	18.8	7.01	1,464	1.99		

Comments:

Site Sampling Event: NEW-25Q2
LIMS Workorder: 25031355
Technician(s): DC, JC, TC, BG, PY

Field Calibration Log(s)
Newton- 2Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 2, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Field Temp SOP 1156 - SM 2550 B
Field pH SOP 1152 - SW-846 9040B - SM 4500-H B
Field Cond. SOP 1155 - SW-846 9050A - SM 2510 B

Field Meter ID: Pine 42580 Technician(s): Tracy Carroll Date: 4/7/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC240312A	4.00	4/7/25 9:55
7.0 Buffer	WC240913B	7.00	4/7/25 10:01
10.0 Buffer	WC240625A	10.00	4/7/25 9:57
LCS/CCV (7.0 Buffer)	WC240913C		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	103743	1412	4/7/25 10:02

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1		
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3-TC	LCS	4/7/25 10:04	15.9	7.05	1,412	0.72		
CCV-3-TC	CCV	4/7/25 16:09	18.8	7.08	1,430	1.66		

Comments:



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 34432
Description YSI PRO DSS Sonde-10M
Calibrated 3/28/2025 11:05:17AM

Manufacturer YSI
Model Number 626910-10
Serial Number/ Lot Number 17L101163
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications							
Group # 1				Range Acc % 0.0000			
Group Name PH				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.00			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.35	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	4.38	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.24	10.00	0.00%	Pass
Group # 2				Range Acc % 0.0000			
Group Name Turbidity				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.00			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	NTU	0.00	NTU	0.19	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	122.83	124.00	0.00%	Pass
Group # 3				Range Acc % 0.0000			
Group Name Conductivity				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.000			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	1.463	1.413	0.00%	Pass
Group # 4				Range Acc % 0.0000			
Group Name Redox (ORP)				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.0			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
240.0 / 240.0	mv	240.0	mv	229.2	240.0	0.00%	Pass
Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.0			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 34432
Description YSI PRO DSS Sonde-10M
Calibrated 3/28/2025 11:05:17AM

Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.0			
Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
100.0 / 100.0	%	100.0	%	91.7	99.6	-0.40%	Pass

Test Instruments Used During the Calibration					(As Of Cal Entry Date)	
Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date / Opened Date	Next Cal Date / Expiration Date
STL 1413 COND L#4GG1360	STL 1413 COND L#4GG1360	AquaPhoenix Scientific	31986	4GG1360		7/25/2025
STL ORP SOLUTION 240MV L#4GG0438	STL ORP SOLUTION 240MV L#4GG0438	AquaPhoenix Scientific	ORP Solution	4GG0438		4/25/2025
STL PH10 #4GK0200	STL PH10 #4GK0200	Absolute Accuracy	PH 10	4GK0200		11/25/2026
STL PH4 L#4GJ1193	STL pH4 L#4GJ1193	AquaPhoenix Scientific	pH 4	4GJ1193		10/25/2026
STL PH7 L#4GK0202	STL PH7 L#4GK0202	AquaPhoenix Scientific	PH7	4GK0202		11/25/2026

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

Pine Environmental Services, Inc.

Instrument ID 45280
Description YSI ProDSS Sonde - 10M Cable
Calibrated 3/24/2025 10:52:15AM

Manufacturer YSI
Model Number ProDSS
Serial Number/ Lot Number 18L101932
Location Illinois
Department

State Certified
Status Pass
Temp °C 1

Humidity % 67

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Plus / Minus

Range Acc % 0.0000
Reading Acc % 0.0000
Plus/Minus 0.20

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.47	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	4.58	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.27	10.00	0.00%	Pass

Group # 2
Group Name Turbidity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	NTU	0.00	NTU	4.41	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	112.43	124.00	0.00%	Pass

Group # 3
Group Name Conductivity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	1.458	1.413	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.0

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
240.0 / 240.0	mv	240.0	mv	229.4	240.0	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.0

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
100.0 / 100.0	%	100.0	%	96.5	99.1	-0.90%	Pass



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

Pine Environmental Services, Inc.

Instrument ID 45280

Description YSI ProDSS Sonde - 10M Cable

Calibrated 3/24/2025 10:52:15AM

Test Instruments Used During the Calibration					(As Of Cal Entry Date)	
Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date/ Opened Date	Next Cal Date / Expiration Date
IL CON. 1.413	1413 Conductivity Standard 10/25	AquaPhoenix Scientific	code: 31986	4gj1343	1/9/2025	1/9/2026
IL NTU 124 TURB	IL NTU 124 TURB	YSI	607300	25b24019192	3/14/2025	2/14/2026
IL ORP.	IL ORP 240mV	Pine Environmental Services, Inc.	ORP 240mV	4gk1268		8/30/2025
IL PH 10.	IL PH 10	AquaPhoenix Scientific		4gj0207	3/4/2025	10/30/2026
IL PH 4	IL PH 4	Pine Environmental Services, Inc.		4gj1193	3/4/2025	9/4/2025
IL PH 7.	IL PH 7	AquaPhoenix Scientific	32025	4gl0066	3/4/2025	9/4/2026
IL, NTU 0 AUTO CAL	IL NTU 0 AUTO CAL	GFS	8483	24016212	3/24/2025	1/24/2026

Notes about this calibration

Calibration Result Calibration Successful

Who Calibrated Timothy Waychunas

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

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Please call 800-301-9663 for Technical Assistance**



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 210756
Description YSI Pro DSS
Calibrated 3/27/2025 7:10:27PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 22C103121
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications

Group # 1				Range Acc % 0.0000			
Group Name PH				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.00			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.70	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.75	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.40	10.05	0.50%	Pass
Group # 2				Range Acc % 0.0000			
Group Name Turbidity				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.00			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	NTU	0.00	NTU	0.39	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	98.80	124.00	0.00%	Pass
Group # 3				Range Acc % 0.0000			
Group Name Conductivity				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.000			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	1.498	1.413	0.00%	Pass
Group # 4				Range Acc % 0.0000			
Group Name Redox (ORP)				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.00			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
240.00 / 240.00	mv	240.00	mv	209.60	240.00	0.00%	Pass
Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.00			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 210756
Description YSI Pro DSS
Calibrated 3/27/2025 7:10:27PM

Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.00			
Nom In Val / In Val	In Type	Out Val	Out Type	Fnd As	Lft As	Dev%	Pass/Fail
100.00 / 100.00	%	100.00	%	96.90	99.80	-0.20%	Pass

Test Instruments Used During the Calibration					(As Of Cal Entry Date)	
Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date / Opened Date	Next Cal Date / Expiration Date
STL 126 NTU L#24G24012705	STL 126 NTU L#24G24012705	YSI	126 NTU	24G24012705		7/25/2025
STL 1413 COND L#4GG1360	STL 1413 COND L#4GG1360	AquaPhoenix Scientific	31986	4GG1360		7/25/2025
STL AUTOCAL LOT#24014218	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24014218		9/25/2025
STL ORP SOLUTION 240MV L#4GG0438	STL ORP SOLUTION 240MV L#4GG0438	AquaPhoenix Scientific	ORP Solution	4GG0438		4/25/2025
STL PH10 #4GK0200	STL PH10 #4GK0200	Absolute Accuracy	PH 10	4GK0200		11/25/2026
STL PH4 L#4GJ1193	STL pH4 L#4GJ1193	AquaPhoenix Scientific	pH 4	4GJ1193		10/25/2026
STL PH7 L#4GK0202	STL PH7 L#4GK0202	AquaPhoenix Scientific	PH7	4GK0202		11/25/2026

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
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**ATTACHMENT C
COMPARISON TO BACKGROUND
QUARTER 2, 2025**

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW02	UD	E009	Antimony, total	mg/L	02/17/21 - 04/01/25	18	94	CB around T-S line	0.0000749	0.003
APW02	UD	E009	Arsenic, total	mg/L	02/17/21 - 04/01/25	18	83	CI around median	0.001	0.0590
APW02	UD	E009	Barium, total	mg/L	02/17/21 - 04/01/25	18	0	CI around geomean	0.0092	0.300
APW02	UD	E009	Beryllium, total	mg/L	02/17/21 - 04/01/25	18	100	All ND - Last	0.001	0.001
APW02	UD	E009	Boron, total	mg/L	02/17/21 - 04/01/25	18	0	CI around geomean	0.0931	0.260
APW02	UD	E009	Cadmium, total	mg/L	02/17/21 - 04/01/25	18	100	All ND - Last	0.001	0.001
APW02	UD	E009	Chloride, total	mg/L	02/17/21 - 04/01/25	18	0	CB around linear reg	70.3	52.0
APW02	UD	E009	Chromium, total	mg/L	02/17/21 - 04/01/25	18	83	CB around T-S line	0.000506	0.0110
APW02	UD	E009	Cobalt, total	mg/L	02/17/21 - 04/01/25	18	89	CB around T-S line	0.000608	0.00430
APW02	UD	E009	Fluoride, total	mg/L	02/17/21 - 04/01/25	18	72	CI around median	0.23	0.633
APW02	UD	E009	Lead, total	mg/L	02/17/21 - 04/01/25	18	94	CI around median	0.001	0.00740
APW02	UD	E009	Lithium, total	mg/L	02/17/21 - 04/01/25	18	0	CI around geomean	0.0943	0.0300
APW02	UD	E009	Mercury, total	mg/L	02/17/21 - 04/01/25	18	100	All ND - Last	0.0002	0.0002
APW02	UD	E009	Molybdenum, total	mg/L	02/17/21 - 04/01/25	17	47	CB around linear reg	0.00152	0.0180
APW02	UD	E009	pH (field)	SU	02/17/21 - 04/01/25	24	0	CI around median	6.6/6.8	6.4/7.8
APW02	UD	E009	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 04/01/25	17	0	CI around mean	0.319	6.90
APW02	UD	E009	Selenium, total	mg/L	02/17/21 - 04/01/25	18	100	All ND - Last	0.001	0.001
APW02	UD	E009	Sulfate, total	mg/L	02/17/21 - 04/01/25	18	0	CI around median	2,900	35.8
APW02	UD	E009	Thallium, total	mg/L	02/17/21 - 04/01/25	18	100	All ND - Last	0.002	0.001
APW02	UD	E009	Total Dissolved Solids	mg/L	02/17/21 - 04/01/25	24	0	CI around median	4,800	628
APW03	UD	E009	Antimony, total	mg/L	02/18/21 - 04/02/25	18	94	CB around T-S line	0.0000401	0.003
APW03	UD	E009	Arsenic, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.0590
APW03	UD	E009	Barium, total	mg/L	02/18/21 - 04/02/25	18	0	CB around linear reg	0.0969	0.300
APW03	UD	E009	Beryllium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW03	UD	E009	Boron, total	mg/L	02/18/21 - 04/02/25	18	0	CI around geomean	0.399	0.260
APW03	UD	E009	Cadmium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW03	UD	E009	Chloride, total	mg/L	02/18/21 - 04/02/25	18	0	CI around mean	7.88	52.0

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW03	UD	E009	Chromium, total	mg/L	02/18/21 - 04/02/25	18	78	CB around T-S line	0.000534	0.0110
APW03	UD	E009	Cobalt, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.00430
APW03	UD	E009	Fluoride, total	mg/L	02/18/21 - 04/02/25	18	67	CI around median	0.25	0.633
APW03	UD	E009	Lead, total	mg/L	02/18/21 - 04/02/25	18	94	CI around median	0.001	0.00740
APW03	UD	E009	Lithium, total	mg/L	02/18/21 - 04/02/25	18	22	CB around linear reg	0.004	0.0300
APW03	UD	E009	Mercury, total	mg/L	02/18/21 - 04/02/25	18	94	CI around median	0.0002	0.0002
APW03	UD	E009	Molybdenum, total	mg/L	02/18/21 - 04/02/25	17	47	CI around mean	0.00114	0.0180
APW03	UD	E009	pH (field)	SU	02/18/21 - 04/02/25	24	0	CI around mean	6.8/7.1	6.4/7.8
APW03	UD	E009	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 04/02/25	17	0	CI around geomean	0.231	6.90
APW03	UD	E009	Selenium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW03	UD	E009	Sulfate, total	mg/L	02/18/21 - 04/02/25	18	0	CB around linear reg	79.1	35.8
APW03	UD	E009	Thallium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.002	0.001
APW03	UD	E009	Total Dissolved Solids	mg/L	02/18/21 - 04/02/25	24	0	CI around mean	622	628
APW04	UD	E009	Antimony, total	mg/L	02/18/21 - 04/02/25	18	94	CB around T-S line	0.0000498	0.003
APW04	UD	E009	Arsenic, total	mg/L	02/18/21 - 04/02/25	18	61	CI around median	0.001	0.0590
APW04	UD	E009	Barium, total	mg/L	02/18/21 - 04/02/25	18	0	CI around mean	0.0183	0.300
APW04	UD	E009	Beryllium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW04	UD	E009	Boron, total	mg/L	02/18/21 - 04/02/25	18	6	CI around median	0.025	0.260
APW04	UD	E009	Cadmium, total	mg/L	02/18/21 - 04/02/25	18	94	CI around median	0.001	0.001
APW04	UD	E009	Chloride, total	mg/L	02/18/21 - 04/02/25	18	0	CI around mean	31.4	52.0
APW04	UD	E009	Chromium, total	mg/L	02/18/21 - 04/02/25	18	78	CB around T-S line	0.000765	0.0110
APW04	UD	E009	Cobalt, total	mg/L	02/18/21 - 04/02/25	18	94	CB around T-S line	0.000493	0.00430
APW04	UD	E009	Fluoride, total	mg/L	02/18/21 - 04/02/25	18	72	CI around median	0.25	0.633
APW04	UD	E009	Lead, total	mg/L	02/18/21 - 04/02/25	18	78	CI around median	0.001	0.00740
APW04	UD	E009	Lithium, total	mg/L	02/18/21 - 04/02/25	18	17	CI around median	0.021	0.0300
APW04	UD	E009	Mercury, total	mg/L	02/18/21 - 04/02/25	18	94	CI around median	0.0002	0.0002
APW04	UD	E009	Molybdenum, total	mg/L	02/18/21 - 04/02/25	17	82	CB around T-S line	0.001	0.0180

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW04	UD	E009	pH (field)	SU	02/18/21 - 04/02/25	24	0	CI around median	6.7/6.9	6.4/7.8
APW04	UD	E009	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 04/02/25	17	0	CI around mean	0.265	6.90
APW04	UD	E009	Selenium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW04	UD	E009	Sulfate, total	mg/L	02/18/21 - 04/02/25	18	0	CB around T-S line	657	35.8
APW04	UD	E009	Thallium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.002	0.001
APW04	UD	E009	Total Dissolved Solids	mg/L	02/18/21 - 04/02/25	24	0	CI around median	1,700	628
APW05S	UD	E009	Antimony, total	mg/L	02/17/21 - 04/01/25	17	100	All ND - Last	0.001	0.003
APW05S	UD	E009	Arsenic, total	mg/L	02/17/21 - 04/01/25	17	53	CI around median	0.001	0.0590
APW05S	UD	E009	Barium, total	mg/L	02/17/21 - 04/01/25	17	0	CB around T-S line	0.0179	0.300
APW05S	UD	E009	Beryllium, total	mg/L	02/17/21 - 04/01/25	17	100	All ND - Last	0.001	0.001
APW05S	UD	E009	Boron, total	mg/L	02/17/21 - 04/01/25	17	0	CI around median	0.039	0.260
APW05S	UD	E009	Cadmium, total	mg/L	02/17/21 - 04/01/25	17	94	CI around median	0.001	0.001
APW05S	UD	E009	Chloride, total	mg/L	02/17/21 - 04/01/25	17	0	CB around T-S line	37.1	52.0
APW05S	UD	E009	Chromium, total	mg/L	02/17/21 - 04/01/25	17	82	CB around T-S line	0.00032	0.0110
APW05S	UD	E009	Cobalt, total	mg/L	02/17/21 - 04/01/25	17	47	CB around T-S line	-0.00139	0.00430
APW05S	UD	E009	Fluoride, total	mg/L	02/17/21 - 04/01/25	17	18	CB around T-S line	0.362	0.633
APW05S	UD	E009	Lead, total	mg/L	02/17/21 - 04/01/25	17	94	CI around median	0.001	0.00740
APW05S	UD	E009	Lithium, total	mg/L	02/17/21 - 04/01/25	17	0	CI around median	0.0366	0.0300
APW05S	UD	E009	Mercury, total	mg/L	02/17/21 - 04/01/25	17	100	All ND - Last	0.0002	0.0002
APW05S	UD	E009	Molybdenum, total	mg/L	02/17/21 - 04/01/25	16	38	CI around median	0.0013	0.0180
APW05S	UD	E009	pH (field)	SU	02/17/21 - 04/01/25	17	0	CI around mean	6.6/6.9	6.4/7.8
APW05S	UD	E009	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 04/01/25	16	0	CI around geomean	0.26	6.90
APW05S	UD	E009	Selenium, total	mg/L	02/17/21 - 04/01/25	17	100	All ND - Last	0.001	0.001
APW05S	UD	E009	Sulfate, total	mg/L	02/17/21 - 04/01/25	17	0	CI around median	1,700	35.8
APW05S	UD	E009	Thallium, total	mg/L	02/17/21 - 04/01/25	17	100	All ND - Last	0.002	0.001
APW05S	UD	E009	Total Dissolved Solids	mg/L	02/17/21 - 04/01/25	17	0	CI around mean	3,350	628
APW07	UA	E009	Antimony, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.003

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW07	UA	E009	Arsenic, total	mg/L	12/15/15 - 04/02/25	20	0	CB around linear reg	0.0122	0.0590
APW07	UA	E009	Barium, total	mg/L	12/15/15 - 04/02/25	20	0	CB around T-S line	0.456	0.300
APW07	UA	E009	Beryllium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.001
APW07	UA	E009	Boron, total	mg/L	12/15/15 - 04/02/25	30	0	CI around median	0.0769	0.260
APW07	UA	E009	Cadmium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.001
APW07	UA	E009	Chloride, total	mg/L	12/15/15 - 04/02/25	33	0	CB around T-S line	55.4	52.0
APW07	UA	E009	Chromium, total	mg/L	12/15/15 - 04/02/25	20	50	CI around median	0.0031	0.0110
APW07	UA	E009	Cobalt, total	mg/L	12/15/15 - 04/02/25	19	74	CI around median	0.001	0.00430
APW07	UA	E009	Fluoride, total	mg/L	12/15/15 - 04/02/25	30	13	CI around mean	0.355	0.633
APW07	UA	E009	Lead, total	mg/L	12/15/15 - 04/02/25	20	60	CI around median	0.001	0.00740
APW07	UA	E009	Lithium, total	mg/L	12/15/15 - 04/02/25	20	65	CI around median	0.0042	0.0300
APW07	UA	E009	Mercury, total	mg/L	12/15/15 - 04/02/25	20	100	All ND - Last	0.0002	0.0002
APW07	UA	E009	Molybdenum, total	mg/L	12/15/15 - 04/02/25	19	0	CI around mean	0.00313	0.0180
APW07	UA	E009	pH (field)	SU	12/15/15 - 04/02/25	32	0	CI around mean	7.2/7.3	6.4/7.8
APW07	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 04/02/25	20	0	CI around mean	1.49	6.90
APW07	UA	E009	Selenium, total	mg/L	12/15/15 - 04/02/25	20	100	All ND - Last	0.001	0.001
APW07	UA	E009	Sulfate, total	mg/L	12/15/15 - 04/02/25	31	13	CB around T-S line	13	35.8
APW07	UA	E009	Thallium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.002	0.001
APW07	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 04/02/25	30	0	CB around T-S line	563	628
APW08	UA	E009	Antimony, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.003
APW08	UA	E009	Arsenic, total	mg/L	12/15/15 - 04/02/25	20	0	CB around linear reg	0.0218	0.0590
APW08	UA	E009	Barium, total	mg/L	12/15/15 - 04/02/25	20	0	CB around T-S line	0.463	0.300
APW08	UA	E009	Beryllium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.001
APW08	UA	E009	Boron, total	mg/L	12/15/15 - 04/02/25	30	0	CI around median	0.083	0.260
APW08	UA	E009	Cadmium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.001
APW08	UA	E009	Chloride, total	mg/L	12/15/15 - 04/02/25	32	0	CI around mean	55	52.0
APW08	UA	E009	Chromium, total	mg/L	12/15/15 - 04/02/25	20	50	CI around geomean	0.00215	0.0110

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW08	UA	E009	Cobalt, total	mg/L	12/15/15 - 04/02/25	19	68	CI around median	0.001	0.00430
APW08	UA	E009	Fluoride, total	mg/L	12/15/15 - 04/02/25	30	17	CI around mean	0.377	0.633
APW08	UA	E009	Lead, total	mg/L	12/15/15 - 04/02/25	20	60	CI around median	0.001	0.00740
APW08	UA	E009	Lithium, total	mg/L	12/15/15 - 04/02/25	20	55	CI around median	0.0034	0.0300
APW08	UA	E009	Mercury, total	mg/L	12/15/15 - 04/02/25	20	100	All ND - Last	0.0002	0.0002
APW08	UA	E009	Molybdenum, total	mg/L	12/15/15 - 04/02/25	19	0	CI around mean	0.00469	0.0180
APW08	UA	E009	pH (field)	SU	12/15/15 - 04/02/25	33	0	CI around mean	7.2/7.4	6.4/7.8
APW08	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 04/02/25	20	0	CI around geomean	0.952	6.90
APW08	UA	E009	Selenium, total	mg/L	12/15/15 - 04/02/25	20	95	CI around median	0.001	0.001
APW08	UA	E009	Sulfate, total	mg/L	12/15/15 - 04/02/25	32	0	CB around linear reg	50.2	35.8
APW08	UA	E009	Thallium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.002	0.001
APW08	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 04/02/25	30	0	CB around linear reg	614	628
APW09	UA	E009	Antimony, total	mg/L	12/15/15 - 04/02/25	19	95	CB around T-S line	0.000591	0.003
APW09	UA	E009	Arsenic, total	mg/L	12/15/15 - 04/02/25	20	0	CB around linear reg	0.0259	0.0590
APW09	UA	E009	Barium, total	mg/L	12/15/15 - 04/02/25	20	0	CB around linear reg	0.401	0.300
APW09	UA	E009	Beryllium, total	mg/L	12/15/15 - 04/02/25	19	95	Most recent sample	0.001	0.001
APW09	UA	E009	Boron, total	mg/L	12/15/15 - 04/02/25	30	0	CB around linear reg	0.1	0.260
APW09	UA	E009	Cadmium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.001
APW09	UA	E009	Chloride, total	mg/L	12/15/15 - 04/02/25	32	0	CB around T-S line	129	52.0
APW09	UA	E009	Chromium, total	mg/L	12/15/15 - 04/02/25	20	60	CI around median	0.0018	0.0110
APW09	UA	E009	Cobalt, total	mg/L	12/15/15 - 04/02/25	19	84	CI around median	0.001	0.00430
APW09	UA	E009	Fluoride, total	mg/L	12/15/15 - 04/02/25	31	13	CB around linear reg	0.248	0.633
APW09	UA	E009	Lead, total	mg/L	12/15/15 - 04/02/25	20	55	CI around median	0.001	0.00740
APW09	UA	E009	Lithium, total	mg/L	12/15/15 - 04/02/25	20	60	CI around median	0.0088	0.0300
APW09	UA	E009	Mercury, total	mg/L	12/15/15 - 04/02/25	20	90	CI around median	0.0002	0.0002
APW09	UA	E009	Molybdenum, total	mg/L	12/15/15 - 04/02/25	19	0	CB around linear reg	-0.00154	0.0180
APW09	UA	E009	pH (field)	SU	12/15/15 - 04/02/25	32	0	CI around median	7.4/7.5	6.4/7.8

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW09	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 04/02/25	20	0	CI around geomean	1.01	6.90
APW09	UA	E009	Selenium, total	mg/L	12/15/15 - 04/02/25	20	95	CI around median	0.001	0.001
APW09	UA	E009	Sulfate, total	mg/L	12/15/15 - 04/02/25	32	12	CI around geomean	5.97	35.8
APW09	UA	E009	Thallium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.002	0.001
APW09	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 04/02/25	31	0	CB around T-S line	797	628
APW10	UA	E009	Antimony, total	mg/L	12/16/15 - 04/02/25	21	95	CB around T-S line	0.000586	0.003
APW10	UA	E009	Arsenic, total	mg/L	12/16/15 - 04/02/25	22	4	CI around mean	0.00652	0.0590
APW10	UA	E009	Barium, total	mg/L	12/16/15 - 04/02/25	22	0	CI around mean	0.0288	0.300
APW10	UA	E009	Beryllium, total	mg/L	12/16/15 - 04/02/25	21	100	All ND - Last	0.001	0.001
APW10	UA	E009	Boron, total	mg/L	12/16/15 - 04/02/25	32	0	CI around median	0.0702	0.260
APW10	UA	E009	Cadmium, total	mg/L	12/16/15 - 04/02/25	21	100	All ND - Last	0.001	0.001
APW10	UA	E009	Chloride, total	mg/L	12/16/15 - 04/02/25	33	0	CB around linear reg	40.7	52.0
APW10	UA	E009	Chromium, total	mg/L	12/16/15 - 04/02/25	22	82	CB around T-S line	0.00171	0.0110
APW10	UA	E009	Cobalt, total	mg/L	12/16/15 - 04/02/25	21	90	CB around T-S line	0.000797	0.00430
APW10	UA	E009	Fluoride, total	mg/L	12/16/15 - 04/02/25	32	25	CI around mean	0.263	0.633
APW10	UA	E009	Lead, total	mg/L	12/16/15 - 04/02/25	22	86	CI around median	0.001	0.00740
APW10	UA	E009	Lithium, total	mg/L	12/16/15 - 04/02/25	22	4	CI around mean	0.0202	0.0300
APW10	UA	E009	Mercury, total	mg/L	12/16/15 - 04/02/25	22	100	All ND - Last	0.0002	0.0002
APW10	UA	E009	Molybdenum, total	mg/L	12/16/15 - 04/02/25	21	5	CB around T-S line	0.00431	0.0180
APW10	UA	E009	pH (field)	SU	12/16/15 - 04/02/25	35	0	CI around mean	7.1/7.2	6.4/7.8
APW10	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/16/15 - 04/02/25	22	0	CI around geomean	0.4	6.90
APW10	UA	E009	Selenium, total	mg/L	12/16/15 - 04/02/25	22	100	All ND - Last	0.001	0.001
APW10	UA	E009	Sulfate, total	mg/L	12/16/15 - 04/02/25	34	0	CI around median	410	35.8
APW10	UA	E009	Thallium, total	mg/L	12/16/15 - 04/02/25	21	100	All ND - Last	0.002	0.001
APW10	UA	E009	Total Dissolved Solids	mg/L	12/16/15 - 04/02/25	34	0	CB around T-S line	1,040	628
APW11	UA	E009	Antimony, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.003
APW11	UA	E009	Arsenic, total	mg/L	02/18/21 - 04/02/25	18	0	CI around mean	0.0027	0.0590

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW11	UA	E009	Barium, total	mg/L	02/18/21 - 04/02/25	18	0	CB around T-S line	-0.122	0.300
APW11	UA	E009	Beryllium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW11	UA	E009	Boron, total	mg/L	02/18/21 - 04/02/25	18	0	CI around median	0.063	0.260
APW11	UA	E009	Cadmium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW11	UA	E009	Chloride, total	mg/L	02/18/21 - 04/02/25	18	0	CB around T-S line	16.2	52.0
APW11	UA	E009	Chromium, total	mg/L	02/18/21 - 04/02/25	18	67	CB around T-S line	-0.00252	0.0110
APW11	UA	E009	Cobalt, total	mg/L	02/18/21 - 04/02/25	18	72	CB around T-S line	0.000294	0.00430
APW11	UA	E009	Fluoride, total	mg/L	02/18/21 - 04/02/25	18	44	CB around T-S line	0.309	0.633
APW11	UA	E009	Lead, total	mg/L	02/18/21 - 04/02/25	18	61	CI around median	0.001	0.00740
APW11	UA	E009	Lithium, total	mg/L	02/18/21 - 04/02/25	18	6	CI around mean	0.02	0.0300
APW11	UA	E009	Mercury, total	mg/L	02/18/21 - 04/02/25	18	83	CI around median	0.0002	0.0002
APW11	UA	E009	Molybdenum, total	mg/L	02/18/21 - 04/02/25	17	0	CB around T-S line	-0.00687	0.0180
APW11	UA	E009	pH (field)	SU	02/18/21 - 04/02/25	18	0	CI around median	7.0/7.2	6.4/7.8
APW11	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 04/02/25	17	0	CI around geomean	0.659	6.90
APW11	UA	E009	Selenium, total	mg/L	02/18/21 - 04/02/25	18	83	CI around median	0.001	0.001
APW11	UA	E009	Sulfate, total	mg/L	02/18/21 - 04/02/25	18	0	CI around median	270	35.8
APW11	UA	E009	Thallium, total	mg/L	02/18/21 - 04/02/25	18	94	CB around T-S line	0.001	0.001
APW11	UA	E009	Total Dissolved Solids	mg/L	02/18/21 - 04/02/25	18	0	CI around mean	812	628
APW12	UD	E009	Antimony, total	mg/L	02/17/21 - 04/02/25	18	100	All ND - Last	0.001	0.003
APW12	UD	E009	Arsenic, total	mg/L	02/17/21 - 04/02/25	18	44	CB around linear reg	0.000422	0.0590
APW12	UD	E009	Barium, total	mg/L	02/17/21 - 04/02/25	18	0	CB around linear reg	0.0232	0.300
APW12	UD	E009	Beryllium, total	mg/L	02/17/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW12	UD	E009	Boron, total	mg/L	02/17/21 - 04/02/25	18	0	CB around linear reg	0.794	0.260
APW12	UD	E009	Cadmium, total	mg/L	02/17/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW12	UD	E009	Chloride, total	mg/L	02/17/21 - 04/02/25	18	0	CI around mean	23.9	52.0
APW12	UD	E009	Chromium, total	mg/L	02/17/21 - 04/02/25	18	100	All ND - Last	0.0015	0.0110
APW12	UD	E009	Cobalt, total	mg/L	02/17/21 - 04/02/25	18	28	CB around linear reg	-0.00153	0.00430

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW12	UD	E009	Fluoride, total	mg/L	02/17/21 - 04/02/25	18	72	CI around median	0.22	0.633
APW12	UD	E009	Lead, total	mg/L	02/17/21 - 04/02/25	18	94	CI around median	0.001	0.00740
APW12	UD	E009	Lithium, total	mg/L	02/17/21 - 04/02/25	18	0	CI around geomean	0.0279	0.0300
APW12	UD	E009	Mercury, total	mg/L	02/17/21 - 04/02/25	18	94	CI around median	0.0002	0.0002
APW12	UD	E009	Molybdenum, total	mg/L	02/17/21 - 04/02/25	17	65	CI around median	0.001	0.0180
APW12	UD	E009	pH (field)	SU	02/17/21 - 04/02/25	18	0	CI around median	6.3/6.5	6.4/7.8
APW12	UD	E009	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 04/02/25	17	0	CI around mean	0.335	6.90
APW12	UD	E009	Selenium, total	mg/L	02/17/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW12	UD	E009	Sulfate, total	mg/L	02/17/21 - 04/02/25	18	0	CB around T-S line	639	35.8
APW12	UD	E009	Thallium, total	mg/L	02/17/21 - 04/02/25	18	100	All ND - Last	0.002	0.001
APW12	UD	E009	Total Dissolved Solids	mg/L	02/17/21 - 04/02/25	18	0	CB around linear reg	1,760	628
APW13	UA	E009	Antimony, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.003
APW13	UA	E009	Arsenic, total	mg/L	02/22/21 - 04/02/25	18	0	CI around mean	0.00389	0.0590
APW13	UA	E009	Barium, total	mg/L	02/22/21 - 04/02/25	18	0	CI around median	0.051	0.300
APW13	UA	E009	Beryllium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW13	UA	E009	Boron, total	mg/L	02/22/21 - 04/02/25	18	0	CI around mean	0.11	0.260
APW13	UA	E009	Cadmium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW13	UA	E009	Chloride, total	mg/L	02/22/21 - 04/02/25	18	0	CI around geomean	48.8	52.0
APW13	UA	E009	Chromium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.0015	0.0110
APW13	UA	E009	Cobalt, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.00430
APW13	UA	E009	Fluoride, total	mg/L	02/22/21 - 04/02/25	18	22	CI around mean	0.363	0.633
APW13	UA	E009	Lead, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.00740
APW13	UA	E009	Lithium, total	mg/L	02/22/21 - 04/02/25	18	0	CI around mean	0.0264	0.0300
APW13	UA	E009	Mercury, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.0002	0.0002
APW13	UA	E009	Molybdenum, total	mg/L	02/22/21 - 04/02/25	17	0	CB around linear reg	0.00314	0.0180
APW13	UA	E009	pH (field)	SU	02/22/21 - 04/02/25	18	0	CI around mean	7.0/7.3	6.4/7.8
APW13	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 04/02/25	17	0	CI around mean	0.391	6.90

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW13	UA	E009	Selenium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW13	UA	E009	Sulfate, total	mg/L	02/22/21 - 04/02/25	18	0	CB around linear reg	253	35.8
APW13	UA	E009	Thallium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.002	0.001
APW13	UA	E009	Total Dissolved Solids	mg/L	02/22/21 - 04/02/25	18	0	CB around linear reg	888	628
APW14	UA	E009	Antimony, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.003
APW14	UA	E009	Arsenic, total	mg/L	02/22/21 - 04/02/25	18	6	CI around mean	0.00541	0.0590
APW14	UA	E009	Barium, total	mg/L	02/22/21 - 04/02/25	18	6	CB around linear reg	0.0173	0.300
APW14	UA	E009	Beryllium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW14	UA	E009	Boron, total	mg/L	02/22/21 - 04/02/25	18	6	CI around median	0.0888	0.260
APW14	UA	E009	Cadmium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW14	UA	E009	Chloride, total	mg/L	02/22/21 - 04/02/25	18	0	CB around linear reg	32.4	52.0
APW14	UA	E009	Chromium, total	mg/L	02/22/21 - 04/02/25	18	89	CB around T-S line	-0.000118	0.0110
APW14	UA	E009	Cobalt, total	mg/L	02/22/21 - 04/02/25	18	94	CB around T-S line	0.000443	0.00430
APW14	UA	E009	Fluoride, total	mg/L	02/22/21 - 04/02/25	18	33	CI around mean	0.29	0.633
APW14	UA	E009	Lead, total	mg/L	02/22/21 - 04/02/25	18	83	CI around median	0.001	0.00740
APW14	UA	E009	Lithium, total	mg/L	02/22/21 - 04/02/25	18	17	CB around linear reg	0.00462	0.0300
APW14	UA	E009	Mercury, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.0002	0.0002
APW14	UA	E009	Molybdenum, total	mg/L	02/22/21 - 04/02/25	17	6	CB around linear reg	0.000232	0.0180
APW14	UA	E009	pH (field)	SU	02/22/21 - 04/02/25	18	0	CB around T-S line	6.9/7.1	6.4/7.8
APW14	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 04/02/25	17	0	CI around mean	0.507	6.90
APW14	UA	E009	Selenium, total	mg/L	02/22/21 - 04/02/25	18	94	Most recent sample	0.001	0.001
APW14	UA	E009	Sulfate, total	mg/L	02/22/21 - 04/02/25	18	0	CB around linear reg	361	35.8
APW14	UA	E009	Thallium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.002	0.001
APW14	UA	E009	Total Dissolved Solids	mg/L	02/22/21 - 04/02/25	18	0	CI around mean	931	628
APW15	UA	E009	Antimony, total	mg/L	02/23/21 - 04/02/25	18	100	All ND - Last	0.001	0.003
APW15	UA	E009	Arsenic, total	mg/L	02/23/21 - 04/02/25	18	0	CB around linear reg	0.0269	0.0590
APW15	UA	E009	Barium, total	mg/L	02/23/21 - 04/02/25	18	0	CI around mean	0.563	0.300

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW15	UA	E009	Beryllium, total	mg/L	02/23/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW15	UA	E009	Boron, total	mg/L	02/23/21 - 04/02/25	18	0	CI around mean	0.126	0.260
APW15	UA	E009	Cadmium, total	mg/L	02/23/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW15	UA	E009	Chloride, total	mg/L	02/23/21 - 04/02/25	18	0	CI around median	230	52.0
APW15	UA	E009	Chromium, total	mg/L	02/23/21 - 04/02/25	18	44	CI around geomean	0.00278	0.0110
APW15	UA	E009	Cobalt, total	mg/L	02/23/21 - 04/02/25	18	50	CB around linear reg	0.00105	0.00430
APW15	UA	E009	Fluoride, total	mg/L	02/23/21 - 04/02/25	18	17	CI around median	0.48	0.633
APW15	UA	E009	Lead, total	mg/L	02/23/21 - 04/02/25	18	33	CI around median	0.001	0.00740
APW15	UA	E009	Lithium, total	mg/L	02/23/21 - 04/02/25	18	44	CB around linear reg	0.00126	0.0300
APW15	UA	E009	Mercury, total	mg/L	02/23/21 - 04/02/25	18	100	All ND - Last	0.0002	0.0002
APW15	UA	E009	Molybdenum, total	mg/L	02/23/21 - 04/02/25	17	0	CB around linear reg	0.0007	0.0180
APW15	UA	E009	pH (field)	SU	02/23/21 - 04/02/25	18	0	CI around mean	7.0/7.2	6.4/7.8
APW15	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 04/02/25	17	0	CI around mean	1.83	6.90
APW15	UA	E009	Selenium, total	mg/L	02/23/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW15	UA	E009	Sulfate, total	mg/L	02/23/21 - 04/02/25	18	72	CB around T-S line	1	35.8
APW15	UA	E009	Thallium, total	mg/L	02/23/21 - 04/02/25	18	100	All ND - Last	0.002	0.001
APW15	UA	E009	Total Dissolved Solids	mg/L	02/23/21 - 04/02/25	18	0	CI around median	1,000	628
APW16	UA	E009	Antimony, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.003
APW16	UA	E009	Arsenic, total	mg/L	02/23/21 - 04/01/25	18	0	CB around linear reg	0.0233	0.0590
APW16	UA	E009	Barium, total	mg/L	02/23/21 - 04/01/25	18	0	CI around mean	0.552	0.300
APW16	UA	E009	Beryllium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.001
APW16	UA	E009	Boron, total	mg/L	02/23/21 - 04/01/25	18	0	CI around mean	0.129	0.260
APW16	UA	E009	Cadmium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.001
APW16	UA	E009	Chloride, total	mg/L	02/23/21 - 04/01/25	18	0	CI around mean	66.3	52.0
APW16	UA	E009	Chromium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.0015	0.0110
APW16	UA	E009	Cobalt, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.00430
APW16	UA	E009	Fluoride, total	mg/L	02/23/21 - 04/01/25	18	0	CI around mean	0.668	0.633

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW16	UA	E009	Lead, total	mg/L	02/23/21 - 04/01/25	18	94	Most recent sample	0.001	0.00740
APW16	UA	E009	Lithium, total	mg/L	02/23/21 - 04/01/25	18	78	CB around T-S line	-0.00541	0.0300
APW16	UA	E009	Mercury, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.0002	0.0002
APW16	UA	E009	Molybdenum, total	mg/L	02/23/21 - 04/01/25	17	71	CI around median	0.001	0.0180
APW16	UA	E009	pH (field)	SU	02/23/21 - 04/01/25	18	0	CI around mean	7.3/7.5	6.4/7.8
APW16	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 04/01/25	17	0	CI around geomean	1.58	6.90
APW16	UA	E009	Selenium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.001
APW16	UA	E009	Sulfate, total	mg/L	02/23/21 - 04/01/25	18	78	CB around T-S line	1	35.8
APW16	UA	E009	Thallium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.002	0.001
APW16	UA	E009	Total Dissolved Solids	mg/L	02/23/21 - 04/01/25	18	0	CI around median	720	628
APW17	UA	E009	Antimony, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.003
APW17	UA	E009	Arsenic, total	mg/L	02/23/21 - 04/01/25	18	0	CB around linear reg	0.019	0.0590
APW17	UA	E009	Barium, total	mg/L	02/23/21 - 04/01/25	18	0	CI around mean	0.557	0.300
APW17	UA	E009	Beryllium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.001
APW17	UA	E009	Boron, total	mg/L	02/23/21 - 04/01/25	18	0	CI around geomean	0.0815	0.260
APW17	UA	E009	Cadmium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.001
APW17	UA	E009	Chloride, total	mg/L	02/23/21 - 04/01/25	18	0	CI around median	52.2	52.0
APW17	UA	E009	Chromium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.0015	0.0110
APW17	UA	E009	Cobalt, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.00430
APW17	UA	E009	Fluoride, total	mg/L	02/23/21 - 04/01/25	18	11	CI around mean	0.415	0.633
APW17	UA	E009	Lead, total	mg/L	02/23/21 - 04/01/25	18	94	CI around median	0.001	0.00740
APW17	UA	E009	Lithium, total	mg/L	02/23/21 - 04/01/25	18	89	CB around T-S line	-0.00544	0.0300
APW17	UA	E009	Mercury, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.0002	0.0002
APW17	UA	E009	Molybdenum, total	mg/L	02/23/21 - 04/01/25	17	0	CI around median	0.0048	0.0180
APW17	UA	E009	pH (field)	SU	02/23/21 - 04/01/25	18	0	CI around mean	7.2/7.5	6.4/7.8
APW17	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 04/01/25	17	0	CI around mean	1.24	6.90
APW17	UA	E009	Selenium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.001

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW17	UA	E009	Sulfate, total	mg/L	02/23/21 - 04/01/25	18	6	CB around T-S line	64.6	35.8
APW17	UA	E009	Thallium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.002	0.001
APW17	UA	E009	Total Dissolved Solids	mg/L	02/23/21 - 04/01/25	18	0	CB around linear reg	674	628
APW18	UA	E009	Antimony, total	mg/L	02/23/21 - 04/01/25	18	94	CB around T-S line	-0.0000292	0.003
APW18	UA	E009	Arsenic, total	mg/L	02/23/21 - 04/01/25	18	6	CI around mean	0.00178	0.0590
APW18	UA	E009	Barium, total	mg/L	02/23/21 - 04/01/25	18	0	CI around median	0.34	0.300
APW18	UA	E009	Beryllium, total	mg/L	02/23/21 - 04/01/25	18	94	CI around median	0.001	0.001
APW18	UA	E009	Boron, total	mg/L	02/23/21 - 04/01/25	18	0	CI around geomean	0.108	0.260
APW18	UA	E009	Cadmium, total	mg/L	02/23/21 - 04/01/25	18	94	CI around median	0.001	0.001
APW18	UA	E009	Chloride, total	mg/L	02/23/21 - 04/01/25	18	0	CB around T-S line	-26.5	52.0
APW18	UA	E009	Chromium, total	mg/L	02/23/21 - 04/01/25	18	78	CB around T-S line	-0.00315	0.0110
APW18	UA	E009	Cobalt, total	mg/L	02/23/21 - 04/01/25	18	83	CB around T-S line	-0.000449	0.00430
APW18	UA	E009	Fluoride, total	mg/L	02/23/21 - 04/01/25	18	6	CB around linear reg	-2.84	0.633
APW18	UA	E009	Lead, total	mg/L	02/23/21 - 04/01/25	18	67	CB around T-S line	-0.00549	0.00740
APW18	UA	E009	Lithium, total	mg/L	02/23/21 - 04/01/25	18	56	CB around T-S line	0.000549	0.0300
APW18	UA	E009	Mercury, total	mg/L	02/23/21 - 04/01/25	18	94	CI around median	0.0002	0.0002
APW18	UA	E009	Molybdenum, total	mg/L	02/23/21 - 04/01/25	17	0	CB around T-S line	-0.0295	0.0180
APW18	UA	E009	pH (field)	SU	02/23/21 - 04/01/25	18	0	CI around mean	7.5/7.8	6.4/7.8
APW18	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 04/01/25	17	0	CI around mean	1.39	6.90
APW18	UA	E009	Selenium, total	mg/L	02/23/21 - 04/01/25	18	94	CI around median	0.001	0.001
APW18	UA	E009	Sulfate, total	mg/L	02/23/21 - 04/01/25	18	11	CI around median	4.8	35.8
APW18	UA	E009	Thallium, total	mg/L	02/23/21 - 04/01/25	18	89	CB around T-S line	0.001	0.001
APW18	UA	E009	Total Dissolved Solids	mg/L	02/23/21 - 04/01/25	18	0	CI around median	535	628

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Notes:

Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value

Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or Groundwater Protection Standards (GWPSs) as described in the proposed groundwater monitoring program which was submitted to the Illinois Environmental Protection Agency (IEPA) on October 25, 2021 as part of Illinois Power Generating Company’s (IPGC’s) operating permit application for the Primary Ash Pond. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and, therefore, IPGC has not identified any actual exceedances.

Events:

E009 = Quarter 2, 2025 sampling event

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

UD = Upper Drift

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

SU = standard units

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

Statistical Calculation = method used to calculate the statistical result:

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

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

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

CB around linear reg = Confidence band around linear regression

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

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

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

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.

NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.

NS³ = The location was not accessible; therefore, a sample was not collected.

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

NS⁵ = The location was damaged; therefore, a sample was not collected.

NS⁶ = Sampling pump could not yield a sample.

NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.

NS⁸ = A sample was not collected.

PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.

For pH, the values presented are the lower / upper limits of the background determination