

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

October 7, 2025

Illinois Environmental Protection Agency
Bureau of Land – 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 3, 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).

As allowed in 35 I.A.C. § 845.650(e), an Alternative Source Demonstration² (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. The IEPA provided a written response on November 7, 2023³ 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. §§ 845.660(d), 845.670, and 845.680 as they apply to the exceedance(s) of the chloride GWPS at monitoring well APW15.

A Corrective Measures Assessment (CMA) for the CCR SI 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). 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.

¹ Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics or 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, and subsequently revised on September 4, 2025. 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), 2023. 35 I.A.C. § 845.650(E): *Alternative Source Demonstration, Primary Ash Pond, Newton Power Plant, Newton, Illinois, IEPA ID: W0798070001-01*. October 6, 2023.

³ 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.

Sincerely,

A handwritten signature in blue ink, appearing to read "Phil Morris".

Phil Morris, PE
Senior Director, Environmental

Enclosures

*Groundwater Monitoring Data and Detected Exceedances, Quarter 3, 2025, Primary Ash Pond, Newton
Power Plant, Newton, Illinois*

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

October 7, 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 August 8, 2025.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 3, 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 3, 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, and subsequently revised and submitted to IEPA³, constituent concentrations observed at compliance monitoring wells in Quarter 3, 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 Demonstration⁴ (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. The IEPA provided a written response on November 7, 2023⁵ 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. §§ 845.660(d), 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 Illinois Environmental Protection Agency (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), 2025. *Groundwater Monitoring Plan. Primary Ash Pond. Newton Power Plant. Newton, Illinois. September 4, 2025.*

⁴ 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: W0798070001-01. October 6, 2023.*

⁵ 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 3, 2025
Table 2	Evaluation of Compliance - Quarter 3, 2025

FIGURES

Figure 1	Monitoring Well Location Map
----------	------------------------------

ATTACHMENTS

Attachment A	Groundwater Elevation Data - Quarter 3, 2025
Attachment B	Laboratory Reports and Field Data Sheets - Quarter 3, 2025
Attachment C	Comparison to Background - Quarter 3, 2025

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW05	Background	E010	07/07/2025	Antimony, total	0.0004 U	mg/L
APW05	Background	E010	07/07/2025	Arsenic, total	0.00640	mg/L
APW05	Background	E010	07/07/2025	Barium, total	0.225	mg/L
APW05	Background	E010	07/07/2025	Beryllium, total	0.0002 U	mg/L
APW05	Background	E010	07/07/2025	Boron, total	0.103	mg/L
APW05	Background	E010	07/07/2025	Cadmium, total	0.0002 U	mg/L
APW05	Background	E010	07/07/2025	Calcium, total	52.9	mg/L
APW05	Background	E010	07/07/2025	Chloride, total	47.4	mg/L
APW05	Background	E010	07/07/2025	Chromium, total	0.00210 J+	mg/L
APW05	Background	E010	07/07/2025	Cobalt, total	0.0001 U	mg/L
APW05	Background	E010	07/07/2025	Dissolved Oxygen	5.96	mg/L
APW05	Background	E010	07/07/2025	Fluoride, total	0.5 UJ	mg/L
APW05	Background	E010	07/07/2025	Lead, total	0.0006 U	mg/L
APW05	Background	E010	07/07/2025	Lithium, total	0.00960	mg/L
APW05	Background	E010	07/07/2025	Mercury, total	0.00006 U	mg/L
APW05	Background	E010	07/07/2025	Molybdenum, total	0.0125	mg/L
APW05	Background	E010	07/07/2025	Oxidation Reduction Potential	132	mV
APW05	Background	E010	07/07/2025	pH (field)	7.6	SU
APW05	Background	E010	07/07/2025	Radium 226 + Radium 228, total	0.729	pCi/L
APW05	Background	E010	07/07/2025	Selenium, total	0.0006 U	mg/L
APW05	Background	E010	07/07/2025	Specific Conductance @ 25C (field)	1,040	micromhos/cm
APW05	Background	E010	07/07/2025	Sulfate, total	10.2	mg/L
APW05	Background	E010	07/07/2025	Temperature	18.8	degrees C
APW05	Background	E010	07/07/2025	Thallium, total	0.001 U	mg/L
APW05	Background	E010	07/07/2025	Total Dissolved Solids	616	mg/L
APW05	Background	E010	07/07/2025	Turbidity, field	2.00	NTU
APW06	Background	E010	07/07/2025	Antimony, total	0.0006 J	mg/L
APW06	Background	E010	07/07/2025	Arsenic, total	0.00370	mg/L
APW06	Background	E010	07/07/2025	Barium, total	0.224	mg/L
APW06	Background	E010	07/07/2025	Beryllium, total	0.0002 U	mg/L
APW06	Background	E010	07/07/2025	Boron, total	0.0833	mg/L
APW06	Background	E010	07/07/2025	Cadmium, total	0.0002 U	mg/L
APW06	Background	E010	07/07/2025	Calcium, total	58.6	mg/L
APW06	Background	E010	07/07/2025	Chloride, total	22.9	mg/L
APW06	Background	E010	07/07/2025	Chromium, total	0.0007 U	mg/L
APW06	Background	E010	07/07/2025	Cobalt, total	0.0002 J	mg/L
APW06	Background	E010	07/07/2025	Dissolved Oxygen	1.21	mg/L
APW06	Background	E010	07/07/2025	Fluoride, total	0.520 J+	mg/L
APW06	Background	E010	07/07/2025	Lead, total	0.0006 U	mg/L
APW06	Background	E010	07/07/2025	Lithium, total	0.0108	mg/L
APW06	Background	E010	07/07/2025	Mercury, total	0.00006 U	mg/L
APW06	Background	E010	07/07/2025	Molybdenum, total	0.00680	mg/L
APW06	Background	E010	07/07/2025	Oxidation Reduction Potential	-74.0	mV
APW06	Background	E010	07/07/2025	pH (field)	7.5	SU
APW06	Background	E010	07/07/2025	Radium 226 + Radium 228, total	0.609	pCi/L
APW06	Background	E010	07/07/2025	Selenium, total	0.0006 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW06	Background	E010	07/07/2025	Specific Conductance @ 25C (field)	890	micromhos/cm
APW06	Background	E010	07/07/2025	Sulfate, total	5.3 J	mg/L
APW06	Background	E010	07/07/2025	Temperature	20.0	degrees C
APW06	Background	E010	07/07/2025	Thallium, total	0.001 U	mg/L
APW06	Background	E010	07/07/2025	Total Dissolved Solids	554	mg/L
APW06	Background	E010	07/07/2025	Turbidity, field	2.00	NTU
APW02	Compliance	E010	07/07/2025	Antimony, total	0.0004 U	mg/L
APW02	Compliance	E010	07/07/2025	Arsenic, total	0.00180	mg/L
APW02	Compliance	E010	07/07/2025	Barium, total	0.0139	mg/L
APW02	Compliance	E010	07/07/2025	Beryllium, total	0.0002 U	mg/L
APW02	Compliance	E010	07/07/2025	Boron, total	0.127	mg/L
APW02	Compliance	E010	07/07/2025	Cadmium, total	0.0002 U	mg/L
APW02	Compliance	E010	07/07/2025	Calcium, total	527	mg/L
APW02	Compliance	E010	07/07/2025	Chloride, total	113	mg/L
APW02	Compliance	E010	07/07/2025	Chromium, total	0.00160 J+	mg/L
APW02	Compliance	E010	07/07/2025	Cobalt, total	0.0150	mg/L
APW02	Compliance	E010	07/07/2025	Dissolved Oxygen	1.22	mg/L
APW02	Compliance	E010	07/07/2025	Fluoride, total	0.5 UJ	mg/L
APW02	Compliance	E010	07/07/2025	Lead, total	0.00100 J	mg/L
APW02	Compliance	E010	07/07/2025	Lithium, total	0.117	mg/L
APW02	Compliance	E010	07/07/2025	Mercury, total	0.00006 U	mg/L
APW02	Compliance	E010	07/07/2025	Molybdenum, total	0.0012 J	mg/L
APW02	Compliance	E010	07/07/2025	Oxidation Reduction Potential	-135	mV
APW02	Compliance	E010	07/07/2025	pH (field)	6.5	SU
APW02	Compliance	E010	07/07/2025	Radium 226 + Radium 228, total	1.48	pCi/L
APW02	Compliance	E010	07/07/2025	Selenium, total	0.0006 U	mg/L
APW02	Compliance	E010	07/07/2025	Specific Conductance @ 25C (field)	5,370	micromhos/cm
APW02	Compliance	E010	07/07/2025	Sulfate, total	3,180	mg/L
APW02	Compliance	E010	07/07/2025	Temperature	23.1	degrees C
APW02	Compliance	E010	07/07/2025	Thallium, total	0.001 U	mg/L
APW02	Compliance	E010	07/07/2025	Total Dissolved Solids	5,650	mg/L
APW02	Compliance	E010	07/07/2025	Turbidity, field	78.0	NTU
APW03	Compliance	E010	07/07/2025	Antimony, total	0.0004 U	mg/L
APW03	Compliance	E010	07/07/2025	Arsenic, total	0.0004 J	mg/L
APW03	Compliance	E010	07/07/2025	Barium, total	0.0905	mg/L
APW03	Compliance	E010	07/07/2025	Beryllium, total	0.0002 U	mg/L
APW03	Compliance	E010	07/07/2025	Boron, total	0.414	mg/L
APW03	Compliance	E010	07/07/2025	Cadmium, total	0.0002 U	mg/L
APW03	Compliance	E010	07/07/2025	Calcium, total	91.7	mg/L
APW03	Compliance	E010	07/07/2025	Chloride, total	8.40	mg/L
APW03	Compliance	E010	07/07/2025	Chromium, total	0.0015 UJ	mg/L
APW03	Compliance	E010	07/07/2025	Cobalt, total	0.0002 J	mg/L
APW03	Compliance	E010	07/07/2025	Dissolved Oxygen	2.01	mg/L
APW03	Compliance	E010	07/07/2025	Fluoride, total	0.5 UJ	mg/L
APW03	Compliance	E010	07/07/2025	Lead, total	0.0006 U	mg/L
APW03	Compliance	E010	07/07/2025	Lithium, total	0.00930	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW03	Compliance	E010	07/07/2025	Mercury, total	0.00006 U	mg/L
APW03	Compliance	E010	07/07/2025	Molybdenum, total	0.0006 U	mg/L
APW03	Compliance	E010	07/07/2025	Oxidation Reduction Potential	48.0	mV
APW03	Compliance	E010	07/07/2025	pH (field)	6.7	SU
APW03	Compliance	E010	07/07/2025	Radium 226 + Radium 228, total	0.264	pCi/L
APW03	Compliance	E010	07/07/2025	Selenium, total	0.0006 U	mg/L
APW03	Compliance	E010	07/07/2025	Specific Conductance @ 25C (field)	992	micromhos/cm
APW03	Compliance	E010	07/07/2025	Sulfate, total	132	mg/L
APW03	Compliance	E010	07/07/2025	Temperature	21.7	degrees C
APW03	Compliance	E010	07/07/2025	Thallium, total	0.001 U	mg/L
APW03	Compliance	E010	07/07/2025	Total Dissolved Solids	674	mg/L
APW03	Compliance	E010	07/07/2025	Turbidity, field	2.00	NTU
APW04	Compliance	E010	07/07/2025	Antimony, total	0.0004 U	mg/L
APW04	Compliance	E010	07/07/2025	Arsenic, total	0.0004 U	mg/L
APW04	Compliance	E010	07/07/2025	Barium, total	0.0130	mg/L
APW04	Compliance	E010	07/07/2025	Beryllium, total	0.0002 U	mg/L
APW04	Compliance	E010	07/07/2025	Boron, total	0.0307	mg/L
APW04	Compliance	E010	07/07/2025	Cadmium, total	0.0002 U	mg/L
APW04	Compliance	E010	07/07/2025	Calcium, total	232	mg/L
APW04	Compliance	E010	07/07/2025	Chloride, total	34.0	mg/L
APW04	Compliance	E010	07/07/2025	Chromium, total	0.0007 U	mg/L
APW04	Compliance	E010	07/07/2025	Cobalt, total	0.0002 J	mg/L
APW04	Compliance	E010	07/07/2025	Dissolved Oxygen	2.01	mg/L
APW04	Compliance	E010	07/07/2025	Fluoride, total	0.5 UJ	mg/L
APW04	Compliance	E010	07/07/2025	Lead, total	0.0006 U	mg/L
APW04	Compliance	E010	07/07/2025	Lithium, total	0.0201	mg/L
APW04	Compliance	E010	07/07/2025	Mercury, total	0.00006 U	mg/L
APW04	Compliance	E010	07/07/2025	Molybdenum, total	0.0007 J	mg/L
APW04	Compliance	E010	07/07/2025	Oxidation Reduction Potential	139	mV
APW04	Compliance	E010	07/07/2025	pH (field)	6.7	SU
APW04	Compliance	E010	07/07/2025	Radium 226 + Radium 228, total	0.848	pCi/L
APW04	Compliance	E010	07/07/2025	Selenium, total	0.0006 U	mg/L
APW04	Compliance	E010	07/07/2025	Specific Conductance @ 25C (field)	2,290	micromhos/cm
APW04	Compliance	E010	07/07/2025	Sulfate, total	860	mg/L
APW04	Compliance	E010	07/07/2025	Temperature	19.9	degrees C
APW04	Compliance	E010	07/07/2025	Thallium, total	0.001 U	mg/L
APW04	Compliance	E010	07/07/2025	Total Dissolved Solids	1,920	mg/L
APW04	Compliance	E010	07/07/2025	Turbidity, field	16.0	NTU
APW05S	Compliance	E010	07/07/2025	Antimony, total	0.0004 U	mg/L
APW05S	Compliance	E010	07/07/2025	Arsenic, total	0.0004 J	mg/L
APW05S	Compliance	E010	07/07/2025	Barium, total	0.0293	mg/L
APW05S	Compliance	E010	07/07/2025	Beryllium, total	0.0002 U	mg/L
APW05S	Compliance	E010	07/07/2025	Boron, total	0.0499	mg/L
APW05S	Compliance	E010	07/07/2025	Cadmium, total	0.0002 U	mg/L
APW05S	Compliance	E010	07/07/2025	Calcium, total	389	mg/L
APW05S	Compliance	E010	07/07/2025	Chloride, total	162	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW05S	Compliance	E010	07/07/2025	Chromium, total	0.0015 UJ	mg/L
APW05S	Compliance	E010	07/07/2025	Cobalt, total	0.0003 J	mg/L
APW05S	Compliance	E010	07/07/2025	Dissolved Oxygen	1.75	mg/L
APW05S	Compliance	E010	07/07/2025	Fluoride, total	0.5 UJ	mg/L
APW05S	Compliance	E010	07/07/2025	Lead, total	0.0006 U	mg/L
APW05S	Compliance	E010	07/07/2025	Lithium, total	0.0386	mg/L
APW05S	Compliance	E010	07/07/2025	Mercury, total	0.00006 U	mg/L
APW05S	Compliance	E010	07/07/2025	Molybdenum, total	0.001 J	mg/L
APW05S	Compliance	E010	07/07/2025	Oxidation Reduction Potential	124	mV
APW05S	Compliance	E010	07/07/2025	pH (field)	6.7	SU
APW05S	Compliance	E010	07/07/2025	Radium 226 + Radium 228, total	0.989	pCi/L
APW05S	Compliance	E010	07/07/2025	Selenium, total	0.0006 U	mg/L
APW05S	Compliance	E010	07/07/2025	Specific Conductance @ 25C (field)	4,170	micromhos/cm
APW05S	Compliance	E010	07/07/2025	Sulfate, total	2,050	mg/L
APW05S	Compliance	E010	07/07/2025	Temperature	18.0	degrees C
APW05S	Compliance	E010	07/07/2025	Thallium, total	0.001 U	mg/L
APW05S	Compliance	E010	07/07/2025	Total Dissolved Solids	3,820	mg/L
APW05S	Compliance	E010	07/07/2025	Turbidity, field	8.30	NTU
APW07	Compliance	E010	07/09/2025	Antimony, total	0.0009 J	mg/L
APW07	Compliance	E010	07/09/2025	Arsenic, total	0.0115	mg/L
APW07	Compliance	E010	07/09/2025	Barium, total	0.473	mg/L
APW07	Compliance	E010	07/09/2025	Beryllium, total	0.0002 U	mg/L
APW07	Compliance	E010	07/09/2025	Boron, total	0.0959	mg/L
APW07	Compliance	E010	07/09/2025	Cadmium, total	0.0002 U	mg/L
APW07	Compliance	E010	07/09/2025	Calcium, total	99.1	mg/L
APW07	Compliance	E010	07/09/2025	Chloride, total	64.6	mg/L
APW07	Compliance	E010	07/09/2025	Chromium, total	0.00160 J+	mg/L
APW07	Compliance	E010	07/09/2025	Cobalt, total	0.0005 J	mg/L
APW07	Compliance	E010	07/09/2025	Dissolved Oxygen	0.590	mg/L
APW07	Compliance	E010	07/09/2025	Fluoride, total	0.5 UJ	mg/L
APW07	Compliance	E010	07/09/2025	Lead, total	0.0006 J	mg/L
APW07	Compliance	E010	07/09/2025	Lithium, total	0.00370	mg/L
APW07	Compliance	E010	07/09/2025	Mercury, total	0.00006 U	mg/L
APW07	Compliance	E010	07/09/2025	Molybdenum, total	0.00230	mg/L
APW07	Compliance	E010	07/09/2025	Oxidation Reduction Potential	-73.0	mV
APW07	Compliance	E010	07/09/2025	pH (field)	7.0	SU
APW07	Compliance	E010	07/09/2025	Radium 226 + Radium 228, total	1.65	pCi/L
APW07	Compliance	E010	07/09/2025	Selenium, total	0.0006 U	mg/L
APW07	Compliance	E010	07/09/2025	Specific Conductance @ 25C (field)	1,110	micromhos/cm
APW07	Compliance	E010	07/09/2025	Sulfate, total	17.3	mg/L
APW07	Compliance	E010	07/09/2025	Temperature	20.8	degrees C
APW07	Compliance	E010	07/09/2025	Thallium, total	0.001 J	mg/L
APW07	Compliance	E010	07/09/2025	Total Dissolved Solids	666	mg/L
APW07	Compliance	E010	07/09/2025	Turbidity, field	110	NTU
APW08	Compliance	E010	07/07/2025	Antimony, total	0.0004 U	mg/L
APW08	Compliance	E010	07/07/2025	Arsenic, total	0.0145	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW08	Compliance	E010	07/07/2025	Barium, total	0.432	mg/L
APW08	Compliance	E010	07/07/2025	Beryllium, total	0.0002 U	mg/L
APW08	Compliance	E010	07/07/2025	Boron, total	0.0885	mg/L
APW08	Compliance	E010	07/07/2025	Cadmium, total	0.0002 U	mg/L
APW08	Compliance	E010	07/07/2025	Calcium, total	112	mg/L
APW08	Compliance	E010	07/07/2025	Chloride, total	54.4	mg/L
APW08	Compliance	E010	07/07/2025	Chromium, total	0.0015 UJ	mg/L
APW08	Compliance	E010	07/07/2025	Cobalt, total	0.0005 J	mg/L
APW08	Compliance	E010	07/07/2025	Dissolved Oxygen	1.16	mg/L
APW08	Compliance	E010	07/07/2025	Fluoride, total	0.5 UJ	mg/L
APW08	Compliance	E010	07/07/2025	Lead, total	0.0006 U	mg/L
APW08	Compliance	E010	07/07/2025	Lithium, total	0.0029 J	mg/L
APW08	Compliance	E010	07/07/2025	Mercury, total	0.00006 U	mg/L
APW08	Compliance	E010	07/07/2025	Molybdenum, total	0.00410	mg/L
APW08	Compliance	E010	07/07/2025	Oxidation Reduction Potential	-83.0	mV
APW08	Compliance	E010	07/07/2025	pH (field)	7.1	SU
APW08	Compliance	E010	07/07/2025	Radium 226 + Radium 228, total	1.05	pCi/L
APW08	Compliance	E010	07/07/2025	Selenium, total	0.0006 U	mg/L
APW08	Compliance	E010	07/07/2025	Specific Conductance @ 25C (field)	1,170	micromhos/cm
APW08	Compliance	E010	07/07/2025	Sulfate, total	58.6	mg/L
APW08	Compliance	E010	07/07/2025	Temperature	18.0	degrees C
APW08	Compliance	E010	07/07/2025	Thallium, total	0.001 U	mg/L
APW08	Compliance	E010	07/07/2025	Total Dissolved Solids	718	mg/L
APW08	Compliance	E010	07/07/2025	Turbidity, field	19.0	NTU
APW09	Compliance	E010	07/07/2025	Antimony, total	0.0007 J	mg/L
APW09	Compliance	E010	07/07/2025	Arsenic, total	0.00930	mg/L
APW09	Compliance	E010	07/07/2025	Barium, total	0.352	mg/L
APW09	Compliance	E010	07/07/2025	Beryllium, total	0.0002 U	mg/L
APW09	Compliance	E010	07/07/2025	Boron, total	0.106	mg/L
APW09	Compliance	E010	07/07/2025	Cadmium, total	0.0002 U	mg/L
APW09	Compliance	E010	07/07/2025	Calcium, total	85.0	mg/L
APW09	Compliance	E010	07/07/2025	Chloride, total	141	mg/L
APW09	Compliance	E010	07/07/2025	Chromium, total	0.0015 UJ	mg/L
APW09	Compliance	E010	07/07/2025	Cobalt, total	0.0004 J	mg/L
APW09	Compliance	E010	07/07/2025	Dissolved Oxygen	1.66	mg/L
APW09	Compliance	E010	07/07/2025	Fluoride, total	0.5 UJ	mg/L
APW09	Compliance	E010	07/07/2025	Lead, total	0.0006 U	mg/L
APW09	Compliance	E010	07/07/2025	Lithium, total	0.00770	mg/L
APW09	Compliance	E010	07/07/2025	Mercury, total	0.00006 U	mg/L
APW09	Compliance	E010	07/07/2025	Molybdenum, total	0.00370	mg/L
APW09	Compliance	E010	07/07/2025	Oxidation Reduction Potential	39.0	mV
APW09	Compliance	E010	07/07/2025	pH (field)	7.4	SU
APW09	Compliance	E010	07/07/2025	Radium 226 + Radium 228, total	0.607	pCi/L
APW09	Compliance	E010	07/07/2025	Selenium, total	0.0006 U	mg/L
APW09	Compliance	E010	07/07/2025	Specific Conductance @ 25C (field)	1,460	micromhos/cm
APW09	Compliance	E010	07/07/2025	Sulfate, total	8.6 J	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW09	Compliance	E010	07/07/2025	Temperature	19.0	degrees C
APW09	Compliance	E010	07/07/2025	Thallium, total	0.001 U	mg/L
APW09	Compliance	E010	07/07/2025	Total Dissolved Solids	898	mg/L
APW09	Compliance	E010	07/07/2025	Turbidity, field	2.20	NTU
APW10	Compliance	E010	07/07/2025	Antimony, total	0.0004 U	mg/L
APW10	Compliance	E010	07/07/2025	Arsenic, total	0.00870	mg/L
APW10	Compliance	E010	07/07/2025	Barium, total	0.0316	mg/L
APW10	Compliance	E010	07/07/2025	Beryllium, total	0.0002 U	mg/L
APW10	Compliance	E010	07/07/2025	Boron, total	0.0786	mg/L
APW10	Compliance	E010	07/07/2025	Cadmium, total	0.0002 U	mg/L
APW10	Compliance	E010	07/07/2025	Calcium, total	153	mg/L
APW10	Compliance	E010	07/07/2025	Chloride, total	43.8	mg/L
APW10	Compliance	E010	07/07/2025	Chromium, total	0.00210 J+	mg/L
APW10	Compliance	E010	07/07/2025	Cobalt, total	0.0007 J	mg/L
APW10	Compliance	E010	07/07/2025	Dissolved Oxygen	1.23	mg/L
APW10	Compliance	E010	07/07/2025	Fluoride, total	0.5 UJ	mg/L
APW10	Compliance	E010	07/07/2025	Lead, total	0.0009 J	mg/L
APW10	Compliance	E010	07/07/2025	Lithium, total	0.0213	mg/L
APW10	Compliance	E010	07/07/2025	Mercury, total	0.00006 U	mg/L
APW10	Compliance	E010	07/07/2025	Molybdenum, total	0.00650	mg/L
APW10	Compliance	E010	07/07/2025	Oxidation Reduction Potential	137	mV
APW10	Compliance	E010	07/07/2025	pH (field)	7.2	SU
APW10	Compliance	E010	07/07/2025	Radium 226 + Radium 228, total	1.81	pCi/L
APW10	Compliance	E010	07/07/2025	Selenium, total	0.0006 U	mg/L
APW10	Compliance	E010	07/07/2025	Specific Conductance @ 25C (field)	1,630	micromhos/cm
APW10	Compliance	E010	07/07/2025	Sulfate, total	420	mg/L
APW10	Compliance	E010	07/07/2025	Temperature	18.7	degrees C
APW10	Compliance	E010	07/07/2025	Thallium, total	0.001 U	mg/L
APW10	Compliance	E010	07/07/2025	Total Dissolved Solids	1,180	mg/L
APW10	Compliance	E010	07/07/2025	Turbidity, field	11.0	NTU
APW11	Compliance	E010	07/07/2025	Antimony, total	0.0004 U	mg/L
APW11	Compliance	E010	07/07/2025	Arsenic, total	0.0146	mg/L
APW11	Compliance	E010	07/07/2025	Barium, total	0.0431	mg/L
APW11	Compliance	E010	07/07/2025	Beryllium, total	0.0002 U	mg/L
APW11	Compliance	E010	07/07/2025	Boron, total	0.0612	mg/L
APW11	Compliance	E010	07/07/2025	Cadmium, total	0.0002 U	mg/L
APW11	Compliance	E010	07/07/2025	Calcium, total	137	mg/L
APW11	Compliance	E010	07/07/2025	Chloride, total	24.4	mg/L
APW11	Compliance	E010	07/07/2025	Chromium, total	0.0015 UJ	mg/L
APW11	Compliance	E010	07/07/2025	Cobalt, total	0.0003 J	mg/L
APW11	Compliance	E010	07/07/2025	Dissolved Oxygen	2.07	mg/L
APW11	Compliance	E010	07/07/2025	Fluoride, total	0.5 UJ	mg/L
APW11	Compliance	E010	07/07/2025	Lead, total	0.0006 U	mg/L
APW11	Compliance	E010	07/07/2025	Lithium, total	0.0198	mg/L
APW11	Compliance	E010	07/07/2025	Mercury, total	0.00006 U	mg/L
APW11	Compliance	E010	07/07/2025	Molybdenum, total	0.00390	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW11	Compliance	E010	07/07/2025	Oxidation Reduction Potential	50.0	mV
APW11	Compliance	E010	07/07/2025	pH (field)	6.9	SU
APW11	Compliance	E010	07/07/2025	Radium 226 + Radium 228, total	0.975	pCi/L
APW11	Compliance	E010	07/07/2025	Selenium, total	0.0006 U	mg/L
APW11	Compliance	E010	07/07/2025	Specific Conductance @ 25C (field)	1,370	micromhos/cm
APW11	Compliance	E010	07/07/2025	Sulfate, total	298	mg/L
APW11	Compliance	E010	07/07/2025	Temperature	17.8	degrees C
APW11	Compliance	E010	07/07/2025	Thallium, total	0.001 U	mg/L
APW11	Compliance	E010	07/07/2025	Total Dissolved Solids	938	mg/L
APW11	Compliance	E010	07/07/2025	Turbidity, field	84.0	NTU
APW12	Compliance	E010	07/07/2025	Antimony, total	0.0004 U	mg/L
APW12	Compliance	E010	07/07/2025	Arsenic, total	0.0004 U	mg/L
APW12	Compliance	E010	07/07/2025	Barium, total	0.0279	mg/L
APW12	Compliance	E010	07/07/2025	Beryllium, total	0.0002 U	mg/L
APW12	Compliance	E010	07/07/2025	Boron, total	0.817	mg/L
APW12	Compliance	E010	07/07/2025	Cadmium, total	0.0002 U	mg/L
APW12	Compliance	E010	07/07/2025	Calcium, total	274	mg/L
APW12	Compliance	E010	07/07/2025	Chloride, total	24.7	mg/L
APW12	Compliance	E010	07/07/2025	Chromium, total	0.0015 UJ	mg/L
APW12	Compliance	E010	07/07/2025	Cobalt, total	0.0008 J	mg/L
APW12	Compliance	E010	07/07/2025	Dissolved Oxygen	0.790	mg/L
APW12	Compliance	E010	07/07/2025	Fluoride, total	0.5 UJ	mg/L
APW12	Compliance	E010	07/07/2025	Lead, total	0.0006 U	mg/L
APW12	Compliance	E010	07/07/2025	Lithium, total	0.0287	mg/L
APW12	Compliance	E010	07/07/2025	Mercury, total	0.00006 U	mg/L
APW12	Compliance	E010	07/07/2025	Molybdenum, total	0.0006 U	mg/L
APW12	Compliance	E010	07/07/2025	Oxidation Reduction Potential	130	mV
APW12	Compliance	E010	07/07/2025	pH (field)	6.3	SU
APW12	Compliance	E010	07/07/2025	Radium 226 + Radium 228, total	0.949	pCi/L
APW12	Compliance	E010	07/07/2025	Selenium, total	0.0006 U	mg/L
APW12	Compliance	E010	07/07/2025	Specific Conductance @ 25C (field)	2,310	micromhos/cm
APW12	Compliance	E010	07/07/2025	Sulfate, total	800	mg/L
APW12	Compliance	E010	07/07/2025	Temperature	15.7	degrees C
APW12	Compliance	E010	07/07/2025	Thallium, total	0.001 U	mg/L
APW12	Compliance	E010	07/07/2025	Total Dissolved Solids	1,920	mg/L
APW12	Compliance	E010	07/07/2025	Turbidity, field	1.70	NTU
APW13	Compliance	E010	07/07/2025	Antimony, total	0.0004 U	mg/L
APW13	Compliance	E010	07/07/2025	Arsenic, total	0.00440	mg/L
APW13	Compliance	E010	07/07/2025	Barium, total	0.0542	mg/L
APW13	Compliance	E010	07/07/2025	Beryllium, total	0.0002 U	mg/L
APW13	Compliance	E010	07/07/2025	Boron, total	0.112	mg/L
APW13	Compliance	E010	07/07/2025	Cadmium, total	0.0002 U	mg/L
APW13	Compliance	E010	07/07/2025	Calcium, total	130	mg/L
APW13	Compliance	E010	07/07/2025	Chloride, total	50.3	mg/L
APW13	Compliance	E010	07/07/2025	Chromium, total	0.0007 U	mg/L
APW13	Compliance	E010	07/07/2025	Cobalt, total	0.0001 J	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW13	Compliance	E010	07/07/2025	Dissolved Oxygen	0.880	mg/L
APW13	Compliance	E010	07/07/2025	Fluoride, total	0.5 UJ	mg/L
APW13	Compliance	E010	07/07/2025	Lead, total	0.0006 U	mg/L
APW13	Compliance	E010	07/07/2025	Lithium, total	0.0232	mg/L
APW13	Compliance	E010	07/07/2025	Mercury, total	0.00006 U	mg/L
APW13	Compliance	E010	07/07/2025	Molybdenum, total	0.00660	mg/L
APW13	Compliance	E010	07/07/2025	Oxidation Reduction Potential	-63.0	mV
APW13	Compliance	E010	07/07/2025	pH (field)	7.1	SU
APW13	Compliance	E010	07/07/2025	Radium 226 + Radium 228, total	1.24	pCi/L
APW13	Compliance	E010	07/07/2025	Selenium, total	0.0006 U	mg/L
APW13	Compliance	E010	07/07/2025	Specific Conductance @ 25C (field)	1,540	micromhos/cm
APW13	Compliance	E010	07/07/2025	Sulfate, total	259	mg/L
APW13	Compliance	E010	07/07/2025	Temperature	17.7	degrees C
APW13	Compliance	E010	07/07/2025	Thallium, total	0.001 U	mg/L
APW13	Compliance	E010	07/07/2025	Total Dissolved Solids	1,010	mg/L
APW13	Compliance	E010	07/07/2025	Turbidity, field	82.0	NTU
APW14	Compliance	E010	07/07/2025	Antimony, total	0.0004 U	mg/L
APW14	Compliance	E010	07/07/2025	Arsenic, total	0.00620	mg/L
APW14	Compliance	E010	07/07/2025	Barium, total	0.0510	mg/L
APW14	Compliance	E010	07/07/2025	Beryllium, total	0.0002 U	mg/L
APW14	Compliance	E010	07/07/2025	Boron, total	0.0943	mg/L
APW14	Compliance	E010	07/07/2025	Cadmium, total	0.0002 U	mg/L
APW14	Compliance	E010	07/07/2025	Calcium, total	148	mg/L
APW14	Compliance	E010	07/07/2025	Chloride, total	32.8	mg/L
APW14	Compliance	E010	07/07/2025	Chromium, total	0.0015 UJ	mg/L
APW14	Compliance	E010	07/07/2025	Cobalt, total	0.0002 J	mg/L
APW14	Compliance	E010	07/07/2025	Dissolved Oxygen	2.44	mg/L
APW14	Compliance	E010	07/07/2025	Fluoride, total	0.5 UJ	mg/L
APW14	Compliance	E010	07/07/2025	Lead, total	0.0006 U	mg/L
APW14	Compliance	E010	07/07/2025	Lithium, total	0.0183	mg/L
APW14	Compliance	E010	07/07/2025	Mercury, total	0.00006 U	mg/L
APW14	Compliance	E010	07/07/2025	Molybdenum, total	0.00380	mg/L
APW14	Compliance	E010	07/07/2025	Oxidation Reduction Potential	140	mV
APW14	Compliance	E010	07/07/2025	pH (field)	6.7	SU
APW14	Compliance	E010	07/07/2025	Radium 226 + Radium 228, total	0.469	pCi/L
APW14	Compliance	E010	07/07/2025	Selenium, total	0.0006 U	mg/L
APW14	Compliance	E010	07/07/2025	Specific Conductance @ 25C (field)	2,300	micromhos/cm
APW14	Compliance	E010	07/07/2025	Sulfate, total	262	mg/L
APW14	Compliance	E010	07/07/2025	Temperature	20.7	degrees C
APW14	Compliance	E010	07/07/2025	Thallium, total	0.001 U	mg/L
APW14	Compliance	E010	07/07/2025	Total Dissolved Solids	1,110	mg/L
APW14	Compliance	E010	07/07/2025	Turbidity, field	14.0	NTU
APW15	Compliance	E010	07/07/2025	Antimony, total	0.00170	mg/L
APW15	Compliance	E010	07/07/2025	Arsenic, total	0.0291	mg/L
APW15	Compliance	E010	07/07/2025	Barium, total	0.568	mg/L
APW15	Compliance	E010	07/07/2025	Beryllium, total	0.0002 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW15	Compliance	E010	07/07/2025	Boron, total	0.127	mg/L
APW15	Compliance	E010	07/07/2025	Cadmium, total	0.0002 U	mg/L
APW15	Compliance	E010	07/07/2025	Calcium, total	100	mg/L
APW15	Compliance	E010	07/07/2025	Chloride, total	277	mg/L
APW15	Compliance	E010	07/07/2025	Chromium, total	0.00370 J+	mg/L
APW15	Compliance	E010	07/07/2025	Cobalt, total	0.0009 J	mg/L
APW15	Compliance	E010	07/07/2025	Dissolved Oxygen	0.690	mg/L
APW15	Compliance	E010	07/07/2025	Fluoride, total	0.5 UJ	mg/L
APW15	Compliance	E010	07/07/2025	Lead, total	0.0009 J	mg/L
APW15	Compliance	E010	07/07/2025	Lithium, total	0.00510	mg/L
APW15	Compliance	E010	07/07/2025	Mercury, total	0.00006 U	mg/L
APW15	Compliance	E010	07/07/2025	Molybdenum, total	0.00390	mg/L
APW15	Compliance	E010	07/07/2025	Oxidation Reduction Potential	-85.0	mV
APW15	Compliance	E010	07/07/2025	pH (field)	6.9	SU
APW15	Compliance	E010	07/07/2025	Radium 226 + Radium 228, total	1.88	pCi/L
APW15	Compliance	E010	07/07/2025	Selenium, total	0.0006 U	mg/L
APW15	Compliance	E010	07/07/2025	Specific Conductance @ 25C (field)	1,820	micromhos/cm
APW15	Compliance	E010	07/07/2025	Sulfate, total	1.1 J	mg/L
APW15	Compliance	E010	07/07/2025	Temperature	20.2	degrees C
APW15	Compliance	E010	07/07/2025	Thallium, total	0.001 U	mg/L
APW15	Compliance	E010	07/07/2025	Total Dissolved Solids	1,200	mg/L
APW15	Compliance	E010	07/07/2025	Turbidity, field	39.0	NTU
APW16	Compliance	E010	07/07/2025	Antimony, total	0.0006 J	mg/L
APW16	Compliance	E010	07/07/2025	Arsenic, total	0.0241	mg/L
APW16	Compliance	E010	07/07/2025	Barium, total	0.584	mg/L
APW16	Compliance	E010	07/07/2025	Beryllium, total	0.0002 U	mg/L
APW16	Compliance	E010	07/07/2025	Boron, total	0.134	mg/L
APW16	Compliance	E010	07/07/2025	Cadmium, total	0.0002 U	mg/L
APW16	Compliance	E010	07/07/2025	Calcium, total	110	mg/L
APW16	Compliance	E010	07/07/2025	Chloride, total	67.6	mg/L
APW16	Compliance	E010	07/07/2025	Chromium, total	0.0015 UJ	mg/L
APW16	Compliance	E010	07/07/2025	Cobalt, total	0.0003 J	mg/L
APW16	Compliance	E010	07/07/2025	Dissolved Oxygen	0.740	mg/L
APW16	Compliance	E010	07/07/2025	Fluoride, total	0.810	mg/L
APW16	Compliance	E010	07/07/2025	Lead, total	0.0006 U	mg/L
APW16	Compliance	E010	07/07/2025	Lithium, total	0.0029 J	mg/L
APW16	Compliance	E010	07/07/2025	Mercury, total	0.00006 U	mg/L
APW16	Compliance	E010	07/07/2025	Molybdenum, total	0.0006 U	mg/L
APW16	Compliance	E010	07/07/2025	Oxidation Reduction Potential	-44.0	mV
APW16	Compliance	E010	07/07/2025	pH (field)	7.2	SU
APW16	Compliance	E010	07/07/2025	Radium 226 + Radium 228, total	1.97	pCi/L
APW16	Compliance	E010	07/07/2025	Selenium, total	0.0006 U	mg/L
APW16	Compliance	E010	07/07/2025	Specific Conductance @ 25C (field)	1,210	micromhos/cm
APW16	Compliance	E010	07/07/2025	Sulfate, total	1.7 J	mg/L
APW16	Compliance	E010	07/07/2025	Temperature	15.9	degrees C
APW16	Compliance	E010	07/07/2025	Thallium, total	0.001 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW16	Compliance	E010	07/07/2025	Total Dissolved Solids	830	mg/L
APW16	Compliance	E010	07/07/2025	Turbidity, field	50.0	NTU
APW17	Compliance	E010	07/07/2025	Antimony, total	0.0004 U	mg/L
APW17	Compliance	E010	07/07/2025	Arsenic, total	0.0240	mg/L
APW17	Compliance	E010	07/07/2025	Barium, total	0.539	mg/L
APW17	Compliance	E010	07/07/2025	Beryllium, total	0.0002 U	mg/L
APW17	Compliance	E010	07/07/2025	Boron, total	0.0835	mg/L
APW17	Compliance	E010	07/07/2025	Cadmium, total	0.0002 U	mg/L
APW17	Compliance	E010	07/07/2025	Calcium, total	116	mg/L
APW17	Compliance	E010	07/07/2025	Chloride, total	52.0	mg/L
APW17	Compliance	E010	07/07/2025	Chromium, total	0.0015 UJ	mg/L
APW17	Compliance	E010	07/07/2025	Cobalt, total	0.0001 J	mg/L
APW17	Compliance	E010	07/07/2025	Dissolved Oxygen	0.780	mg/L
APW17	Compliance	E010	07/07/2025	Fluoride, total	0.620 J+	mg/L
APW17	Compliance	E010	07/07/2025	Lead, total	0.0006 U	mg/L
APW17	Compliance	E010	07/07/2025	Lithium, total	0.0023 J	mg/L
APW17	Compliance	E010	07/07/2025	Mercury, total	0.00006 U	mg/L
APW17	Compliance	E010	07/07/2025	Molybdenum, total	0.00540	mg/L
APW17	Compliance	E010	07/07/2025	Oxidation Reduction Potential	-48.0	mV
APW17	Compliance	E010	07/07/2025	pH (field)	7.2	SU
APW17	Compliance	E010	07/07/2025	Radium 226 + Radium 228, total	2.02	pCi/L
APW17	Compliance	E010	07/07/2025	Selenium, total	0.0006 U	mg/L
APW17	Compliance	E010	07/07/2025	Specific Conductance @ 25C (field)	1,080	micromhos/cm
APW17	Compliance	E010	07/07/2025	Sulfate, total	64.0	mg/L
APW17	Compliance	E010	07/07/2025	Temperature	21.5	degrees C
APW17	Compliance	E010	07/07/2025	Thallium, total	0.001 U	mg/L
APW17	Compliance	E010	07/07/2025	Total Dissolved Solids	728	mg/L
APW17	Compliance	E010	07/07/2025	Turbidity, field	50.0	NTU
APW18	Compliance	E010	07/07/2025	Antimony, total	0.0004 U	mg/L
APW18	Compliance	E010	07/07/2025	Arsenic, total	0.00190	mg/L
APW18	Compliance	E010	07/07/2025	Barium, total	0.387	mg/L
APW18	Compliance	E010	07/07/2025	Beryllium, total	0.0002 U	mg/L
APW18	Compliance	E010	07/07/2025	Boron, total	0.115	mg/L
APW18	Compliance	E010	07/07/2025	Cadmium, total	0.0002 U	mg/L
APW18	Compliance	E010	07/07/2025	Calcium, total	81.9	mg/L
APW18	Compliance	E010	07/07/2025	Chloride, total	23.2	mg/L
APW18	Compliance	E010	07/07/2025	Chromium, total	0.00390 J+	mg/L
APW18	Compliance	E010	07/07/2025	Cobalt, total	0.0004 J	mg/L
APW18	Compliance	E010	07/07/2025	Dissolved Oxygen	0.720	mg/L
APW18	Compliance	E010	07/07/2025	Fluoride, total	0.650 J+	mg/L
APW18	Compliance	E010	07/07/2025	Lead, total	0.0006 U	mg/L
APW18	Compliance	E010	07/07/2025	Lithium, total	0.00600	mg/L
APW18	Compliance	E010	07/07/2025	Mercury, total	0.00006 U	mg/L
APW18	Compliance	E010	07/07/2025	Molybdenum, total	0.00450	mg/L
APW18	Compliance	E010	07/07/2025	Oxidation Reduction Potential	-97.0	mV
APW18	Compliance	E010	07/07/2025	pH (field)	7.6	SU

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW18	Compliance	E010	07/07/2025	Radium 226 + Radium 228, total	1.67	pCi/L
APW18	Compliance	E010	07/07/2025	Selenium, total	0.0006 U	mg/L
APW18	Compliance	E010	07/07/2025	Specific Conductance @ 25C (field)	937	micromhos/cm
APW18	Compliance	E010	07/07/2025	Sulfate, total	47.9	mg/L
APW18	Compliance	E010	07/07/2025	Temperature	20.4	degrees C
APW18	Compliance	E010	07/07/2025	Thallium, total	0.001 U	mg/L
APW18	Compliance	E010	07/07/2025	Total Dissolved Solids	652	mg/L
APW18	Compliance	E010	07/07/2025	Turbidity, field	90.0	NTU

Notes:
C = Celsius
cm = centimeter
Events:
E010 = Quarter 3, 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 3, 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	E010	Antimony, total	mg/L	02/17/21 - 07/07/25	19	95	CB around T-S line	-0.0000557	0.006	Standard	No Exceedance
APW02	UD	E010	Arsenic, total	mg/L	02/17/21 - 07/07/25	19	79	CI around median	0.001	0.0590	Background	No Exceedance
APW02	UD	E010	Barium, total	mg/L	02/17/21 - 07/07/25	19	0	CI around geomean	0.00941	2.0	Standard	No Exceedance
APW02	UD	E010	Beryllium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW02	UD	E010	Boron, total	mg/L	02/17/21 - 07/07/25	19	0	CI around geomean	0.0948	2	Standard	No Exceedance
APW02	UD	E010	Cadmium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW02	UD	E010	Chloride, total	mg/L	02/17/21 - 07/07/25	19	0	CI around mean	94.1	200	Standard	No Exceedance
APW02	UD	E010	Chromium, total	mg/L	02/17/21 - 07/07/25	19	79	CB around T-S line	0.000281	0.1	Standard	No Exceedance
APW02	UD	E010	Cobalt, total	mg/L	02/17/21 - 07/07/25	19	84	CB around T-S line	0.000542	0.006	Standard	No Exceedance
APW02	UD	E010	Fluoride, total	mg/L	02/17/21 - 07/07/25	19	74	CI around median	0.23	4.0	Standard	No Exceedance
APW02	UD	E010	Lead, total	mg/L	02/17/21 - 07/07/25	19	90	CI around median	0.001	0.0075	Standard	No Exceedance
APW02	UD	E010	Lithium, total	mg/L	02/17/21 - 07/07/25	19	0	CI around median	0.098	0.04	Standard	Exceedance
APW02	UD	E010	Mercury, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW02	UD	E010	Molybdenum, total	mg/L	02/17/21 - 07/07/25	18	56	CB around T-S line	0.00107	0.1	Standard	No Exceedance
APW02	UD	E010	pH (field)	SU	02/17/21 - 07/07/25	25	0	CI around mean	6.6/6.8	6.4/9.0	Background/Standard	No Exceedance
APW02	UD	E010	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 07/07/25	18	0	CI around mean	0.358	6.90	Background	No Exceedance
APW02	UD	E010	Selenium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW02	UD	E010	Sulfate, total	mg/L	02/17/21 - 07/07/25	19	0	CI around median	2,900	400	Standard	Exceedance
APW02	UD	E010	Thallium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW02	UD	E010	Total Dissolved Solids	mg/L	02/17/21 - 07/07/25	25	0	CI around median	4,800	1,200	Standard	Exceedance
APW03	UD	E010	Antimony, total	mg/L	02/18/21 - 07/07/25	19	95	CB around T-S line	-0.0000911	0.006	Standard	No Exceedance
APW03	UD	E010	Arsenic, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.0590	Background	No Exceedance
APW03	UD	E010	Barium, total	mg/L	02/18/21 - 07/07/25	19	0	CB around linear reg	0.095	2.0	Standard	No Exceedance
APW03	UD	E010	Beryllium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW03	UD	E010	Boron, total	mg/L	02/18/21 - 07/07/25	19	0	CI around geomean	0.4	2	Standard	No Exceedance
APW03	UD	E010	Cadmium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW03	UD	E010	Chloride, total	mg/L	02/18/21 - 07/07/25	19	0	CI around mean	7.91	200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 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	E010	Chromium, total	mg/L	02/18/21 - 07/07/25	19	79	CB around T-S line	0.000396	0.1	Standard	No Exceedance
APW03	UD	E010	Cobalt, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW03	UD	E010	Fluoride, total	mg/L	02/18/21 - 07/07/25	19	68	CI around median	0.25	4.0	Standard	No Exceedance
APW03	UD	E010	Lead, total	mg/L	02/18/21 - 07/07/25	19	95	CI around median	0.001	0.0075	Standard	No Exceedance
APW03	UD	E010	Lithium, total	mg/L	02/18/21 - 07/07/25	19	21	CB around linear reg	0.00348	0.04	Standard	No Exceedance
APW03	UD	E010	Mercury, total	mg/L	02/18/21 - 07/07/25	19	95	CI around median	0.0002	0.002	Standard	No Exceedance
APW03	UD	E010	Molybdenum, total	mg/L	02/18/21 - 07/07/25	18	50	CI around mean	0.00114	0.1	Standard	No Exceedance
APW03	UD	E010	pH (field)	SU	02/18/21 - 07/07/25	25	0	CI around mean	6.8/7.1	6.4/9.0	Background/Standard	No Exceedance
APW03	UD	E010	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 07/07/25	18	0	CI around geomean	0.233	6.90	Background	No Exceedance
APW03	UD	E010	Selenium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW03	UD	E010	Sulfate, total	mg/L	02/18/21 - 07/07/25	19	0	CB around linear reg	78.6	400	Standard	No Exceedance
APW03	UD	E010	Thallium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW03	UD	E010	Total Dissolved Solids	mg/L	02/18/21 - 07/07/25	25	0	CI around mean	624	1,200	Standard	No Exceedance
APW04	UD	E010	Antimony, total	mg/L	02/18/21 - 07/07/25	19	95	CB around T-S line	-0.0000785	0.006	Standard	No Exceedance
APW04	UD	E010	Arsenic, total	mg/L	02/18/21 - 07/07/25	19	63	CI around median	0.001	0.0590	Background	No Exceedance
APW04	UD	E010	Barium, total	mg/L	02/18/21 - 07/07/25	19	0	CI around mean	0.0178	2.0	Standard	No Exceedance
APW04	UD	E010	Beryllium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW04	UD	E010	Boron, total	mg/L	02/18/21 - 07/07/25	19	10	CI around median	0.024	2	Standard	No Exceedance
APW04	UD	E010	Cadmium, total	mg/L	02/18/21 - 07/07/25	19	95	CI around median	0.001	0.005	Standard	No Exceedance
APW04	UD	E010	Chloride, total	mg/L	02/18/21 - 07/07/25	19	0	CI around mean	31.5	200	Standard	No Exceedance
APW04	UD	E010	Chromium, total	mg/L	02/18/21 - 07/07/25	19	79	CB around T-S line	0.000512	0.1	Standard	No Exceedance
APW04	UD	E010	Cobalt, total	mg/L	02/18/21 - 07/07/25	19	95	CB around T-S line	0.000444	0.006	Standard	No Exceedance
APW04	UD	E010	Fluoride, total	mg/L	02/18/21 - 07/07/25	19	74	CI around median	0.25	4.0	Standard	No Exceedance
APW04	UD	E010	Lead, total	mg/L	02/18/21 - 07/07/25	19	79	CI around median	0.001	0.0075	Standard	No Exceedance
APW04	UD	E010	Lithium, total	mg/L	02/18/21 - 07/07/25	19	16	CI around median	0.0202	0.04	Standard	No Exceedance
APW04	UD	E010	Mercury, total	mg/L	02/18/21 - 07/07/25	19	95	CI around median	0.0002	0.002	Standard	No Exceedance
APW04	UD	E010	Molybdenum, total	mg/L	02/18/21 - 07/07/25	18	89	CB around T-S line	0.001	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 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	E010	pH (field)	SU	02/18/21 - 07/07/25	25	0	CI around median	6.7/6.9	6.4/9.0	Background/Standard	No Exceedance
APW04	UD	E010	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 07/07/25	18	0	CI around mean	0.298	6.90	Background	No Exceedance
APW04	UD	E010	Selenium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW04	UD	E010	Sulfate, total	mg/L	02/18/21 - 07/07/25	19	0	CI around median	815	400	Standard	Exceedance
APW04	UD	E010	Thallium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW04	UD	E010	Total Dissolved Solids	mg/L	02/18/21 - 07/07/25	25	0	CI around median	1,700	1,200	Standard	Exceedance
APW05S	UD	E010	Antimony, total	mg/L	02/17/21 - 07/07/25	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW05S	UD	E010	Arsenic, total	mg/L	02/17/21 - 07/07/25	18	56	CI around median	0.001	0.0590	Background	No Exceedance
APW05S	UD	E010	Barium, total	mg/L	02/17/21 - 07/07/25	18	0	CB around T-S line	0.018	2.0	Standard	No Exceedance
APW05S	UD	E010	Beryllium, total	mg/L	02/17/21 - 07/07/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW05S	UD	E010	Boron, total	mg/L	02/17/21 - 07/07/25	18	0	CI around median	0.04	2	Standard	No Exceedance
APW05S	UD	E010	Cadmium, total	mg/L	02/17/21 - 07/07/25	18	94	CI around median	0.001	0.005	Standard	No Exceedance
APW05S	UD	E010	Chloride, total	mg/L	02/17/21 - 07/07/25	18	0	CB around T-S line	49	200	Standard	No Exceedance
APW05S	UD	E010	Chromium, total	mg/L	02/17/21 - 07/07/25	18	83	CB around T-S line	0.000206	0.1	Standard	No Exceedance
APW05S	UD	E010	Cobalt, total	mg/L	02/17/21 - 07/07/25	18	50	CB around T-S line	-0.00113	0.006	Standard	No Exceedance
APW05S	UD	E010	Fluoride, total	mg/L	02/17/21 - 07/07/25	18	22	CB around T-S line	0.373	4.0	Standard	No Exceedance
APW05S	UD	E010	Lead, total	mg/L	02/17/21 - 07/07/25	18	94	CI around median	0.001	0.0075	Standard	No Exceedance
APW05S	UD	E010	Lithium, total	mg/L	02/17/21 - 07/07/25	18	0	CI around median	0.037	0.04	Standard	No Exceedance
APW05S	UD	E010	Mercury, total	mg/L	02/17/21 - 07/07/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW05S	UD	E010	Molybdenum, total	mg/L	02/17/21 - 07/07/25	17	47	CI around median	0.0013	0.1	Standard	No Exceedance
APW05S	UD	E010	pH (field)	SU	02/17/21 - 07/07/25	18	0	CI around mean	6.6/6.9	6.4/9.0	Background/Standard	No Exceedance
APW05S	UD	E010	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 07/07/25	17	0	CI around geomean	0.277	6.90	Background	No Exceedance
APW05S	UD	E010	Selenium, total	mg/L	02/17/21 - 07/07/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW05S	UD	E010	Sulfate, total	mg/L	02/17/21 - 07/07/25	18	0	CI around median	1,790	400	Standard	Exceedance
APW05S	UD	E010	Thallium, total	mg/L	02/17/21 - 07/07/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW05S	UD	E010	Total Dissolved Solids	mg/L	02/17/21 - 07/07/25	18	0	CI around mean	3,370	1,200	Standard	Exceedance
APW07	UA	E010	Antimony, total	mg/L	12/15/15 - 07/09/25	20	100	All ND - Last	0.001	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 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	E010	Arsenic, total	mg/L	12/15/15 - 07/09/25	21	0	CB around linear reg	0.012	0.0590	Background	No Exceedance
APW07	UA	E010	Barium, total	mg/L	12/15/15 - 07/09/25	21	0	CB around T-S line	0.452	2.0	Standard	No Exceedance
APW07	UA	E010	Beryllium, total	mg/L	12/15/15 - 07/09/25	20	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW07	UA	E010	Boron, total	mg/L	12/15/15 - 07/09/25	31	0	CB around T-S line	0.0833	2	Standard	No Exceedance
APW07	UA	E010	Cadmium, total	mg/L	12/15/15 - 07/09/25	20	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW07	UA	E010	Chloride, total	mg/L	12/15/15 - 07/09/25	34	0	CB around T-S line	55.5	200	Standard	No Exceedance
APW07	UA	E010	Chromium, total	mg/L	12/15/15 - 07/09/25	21	48	CI around median	0.0031	0.1	Standard	No Exceedance
APW07	UA	E010	Cobalt, total	mg/L	12/15/15 - 07/09/25	20	75	CI around median	0.001	0.006	Standard	No Exceedance
APW07	UA	E010	Fluoride, total	mg/L	12/15/15 - 07/09/25	31	16	CI around mean	0.375	4.0	Standard	No Exceedance
APW07	UA	E010	Lead, total	mg/L	12/15/15 - 07/09/25	21	62	CI around median	0.001	0.0075	Standard	No Exceedance
APW07	UA	E010	Lithium, total	mg/L	12/15/15 - 07/09/25	21	62	CI around median	0.0042	0.04	Standard	No Exceedance
APW07	UA	E010	Mercury, total	mg/L	12/15/15 - 07/09/25	21	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW07	UA	E010	Molybdenum, total	mg/L	12/15/15 - 07/09/25	20	0	CI around mean	0.00306	0.1	Standard	No Exceedance
APW07	UA	E010	pH (field)	SU	12/15/15 - 07/09/25	33	0	CI around mean	7.1/7.3	6.4/9.0	Background/Standard	No Exceedance
APW07	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 07/09/25	21	0	CI around mean	1.5	6.90	Background	No Exceedance
APW07	UA	E010	Selenium, total	mg/L	12/15/15 - 07/09/25	21	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW07	UA	E010	Sulfate, total	mg/L	12/15/15 - 07/09/25	32	12	CB around T-S line	13.8	400	Standard	No Exceedance
APW07	UA	E010	Thallium, total	mg/L	12/15/15 - 07/09/25	20	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW07	UA	E010	Total Dissolved Solids	mg/L	12/15/15 - 07/09/25	31	0	CB around T-S line	563	1,200	Standard	No Exceedance
APW08	UA	E010	Antimony, total	mg/L	12/15/15 - 07/07/25	20	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW08	UA	E010	Arsenic, total	mg/L	12/15/15 - 07/07/25	21	0	CB around linear reg	0.0203	0.0590	Background	No Exceedance
APW08	UA	E010	Barium, total	mg/L	12/15/15 - 07/07/25	21	0	CB around T-S line	0.45	2.0	Standard	No Exceedance
APW08	UA	E010	Beryllium, total	mg/L	12/15/15 - 07/07/25	20	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW08	UA	E010	Boron, total	mg/L	12/15/15 - 07/07/25	31	0	CI around median	0.0838	2	Standard	No Exceedance
APW08	UA	E010	Cadmium, total	mg/L	12/15/15 - 07/07/25	20	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW08	UA	E010	Chloride, total	mg/L	12/15/15 - 07/07/25	33	0	CI around mean	55	200	Standard	No Exceedance
APW08	UA	E010	Chromium, total	mg/L	12/15/15 - 07/07/25	21	52	CI around median	0.0034	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 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	E010	Cobalt, total	mg/L	12/15/15 - 07/07/25	20	70	CI around median	0.001	0.006	Standard	No Exceedance
APW08	UA	E010	Fluoride, total	mg/L	12/15/15 - 07/07/25	31	19	CI around mean	0.377	4.0	Standard	No Exceedance
APW08	UA	E010	Lead, total	mg/L	12/15/15 - 07/07/25	21	62	CI around median	0.001	0.0075	Standard	No Exceedance
APW08	UA	E010	Lithium, total	mg/L	12/15/15 - 07/07/25	21	57	CI around median	0.0034	0.04	Standard	No Exceedance
APW08	UA	E010	Mercury, total	mg/L	12/15/15 - 07/07/25	21	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW08	UA	E010	Molybdenum, total	mg/L	12/15/15 - 07/07/25	20	0	CI around mean	0.00465	0.1	Standard	No Exceedance
APW08	UA	E010	pH (field)	SU	12/15/15 - 07/07/25	34	0	CI around mean	7.2/7.3	6.4/9.0	Background/Standard	No Exceedance
APW08	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 07/07/25	21	0	CI around geomean	0.957	6.90	Background	No Exceedance
APW08	UA	E010	Selenium, total	mg/L	12/15/15 - 07/07/25	21	95	CI around median	0.001	0.05	Standard	No Exceedance
APW08	UA	E010	Sulfate, total	mg/L	12/15/15 - 07/07/25	33	0	CB around linear reg	51.2	400	Standard	No Exceedance
APW08	UA	E010	Thallium, total	mg/L	12/15/15 - 07/07/25	20	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW08	UA	E010	Total Dissolved Solids	mg/L	12/15/15 - 07/07/25	31	0	CB around linear reg	624	1,200	Standard	No Exceedance
APW09	UA	E010	Antimony, total	mg/L	12/15/15 - 07/07/25	20	95	CB around T-S line	0.000541	0.006	Standard	No Exceedance
APW09	UA	E010	Arsenic, total	mg/L	12/15/15 - 07/07/25	21	0	CB around T-S line	0.0155	0.0590	Background	No Exceedance
APW09	UA	E010	Barium, total	mg/L	12/15/15 - 07/07/25	21	0	CI around mean	0.347	2.0	Standard	No Exceedance
APW09	UA	E010	Beryllium, total	mg/L	12/15/15 - 07/07/25	20	95	Most recent sample	0.001	0.004	Standard	No Exceedance
APW09	UA	E010	Boron, total	mg/L	12/15/15 - 07/07/25	31	0	CB around linear reg	0.101	2	Standard	No Exceedance
APW09	UA	E010	Cadmium, total	mg/L	12/15/15 - 07/07/25	20	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW09	UA	E010	Chloride, total	mg/L	12/15/15 - 07/07/25	33	0	CB around T-S line	130	200	Standard	No Exceedance
APW09	UA	E010	Chromium, total	mg/L	12/15/15 - 07/07/25	21	62	CI around median	0.0018	0.1	Standard	No Exceedance
APW09	UA	E010	Cobalt, total	mg/L	12/15/15 - 07/07/25	20	85	CI around median	0.001	0.006	Standard	No Exceedance
APW09	UA	E010	Fluoride, total	mg/L	12/15/15 - 07/07/25	32	16	CI around mean	0.433	4.0	Standard	No Exceedance
APW09	UA	E010	Lead, total	mg/L	12/15/15 - 07/07/25	21	57	CI around median	0.001	0.0075	Standard	No Exceedance
APW09	UA	E010	Lithium, total	mg/L	12/15/15 - 07/07/25	21	57	CI around median	0.0088	0.04	Standard	No Exceedance
APW09	UA	E010	Mercury, total	mg/L	12/15/15 - 07/07/25	21	90	CI around median	0.0002	0.002	Standard	No Exceedance
APW09	UA	E010	Molybdenum, total	mg/L	12/15/15 - 07/07/25	20	0	CB around linear reg	-0.00151	0.1	Standard	No Exceedance
APW09	UA	E010	pH (field)	SU	12/15/15 - 07/07/25	33	0	CI around median	7.4/7.5	6.4/9.0	Background/Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 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	E010	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 07/07/25	21	0	CI around geomean	0.972	6.90	Background	No Exceedance
APW09	UA	E010	Selenium, total	mg/L	12/15/15 - 07/07/25	21	95	CI around median	0.001	0.05	Standard	No Exceedance
APW09	UA	E010	Sulfate, total	mg/L	12/15/15 - 07/07/25	33	15	CI around geomean	4.2	400	Standard	No Exceedance
APW09	UA	E010	Thallium, total	mg/L	12/15/15 - 07/07/25	20	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW09	UA	E010	Total Dissolved Solids	mg/L	12/15/15 - 07/07/25	32	0	CB around T-S line	814	1,200	Standard	No Exceedance
APW10	UA	E010	Antimony, total	mg/L	12/16/15 - 07/07/25	22	96	CB around T-S line	0.000541	0.006	Standard	No Exceedance
APW10	UA	E010	Arsenic, total	mg/L	12/16/15 - 07/07/25	23	4	CI around mean	0.00662	0.0590	Background	No Exceedance
APW10	UA	E010	Barium, total	mg/L	12/16/15 - 07/07/25	23	0	CI around mean	0.029	2.0	Standard	No Exceedance
APW10	UA	E010	Beryllium, total	mg/L	12/16/15 - 07/07/25	22	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW10	UA	E010	Boron, total	mg/L	12/16/15 - 07/07/25	33	0	CI around median	0.0702	2	Standard	No Exceedance
APW10	UA	E010	Cadmium, total	mg/L	12/16/15 - 07/07/25	22	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW10	UA	E010	Chloride, total	mg/L	12/16/15 - 07/07/25	34	0	CB around linear reg	40.7	200	Standard	No Exceedance
APW10	UA	E010	Chromium, total	mg/L	12/16/15 - 07/07/25	23	78	CB around T-S line	0.00162	0.1	Standard	No Exceedance
APW10	UA	E010	Cobalt, total	mg/L	12/16/15 - 07/07/25	22	91	CB around T-S line	0.000784	0.006	Standard	No Exceedance
APW10	UA	E010	Fluoride, total	mg/L	12/16/15 - 07/07/25	33	27	CI around mean	0.264	4.0	Standard	No Exceedance
APW10	UA	E010	Lead, total	mg/L	12/16/15 - 07/07/25	23	87	CI around median	0.001	0.0075	Standard	No Exceedance
APW10	UA	E010	Lithium, total	mg/L	12/16/15 - 07/07/25	23	4	CI around mean	0.0203	0.04	Standard	No Exceedance
APW10	UA	E010	Mercury, total	mg/L	12/16/15 - 07/07/25	23	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW10	UA	E010	Molybdenum, total	mg/L	12/16/15 - 07/07/25	22	4	CB around T-S line	0.00454	0.1	Standard	No Exceedance
APW10	UA	E010	pH (field)	SU	12/16/15 - 07/07/25	36	0	CI around mean	7.1/7.2	6.4/9.0	Background/Standard	No Exceedance
APW10	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/16/15 - 07/07/25	23	0	CI around geomean	0.417	6.90	Background	No Exceedance
APW10	UA	E010	Selenium, total	mg/L	12/16/15 - 07/07/25	23	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW10	UA	E010	Sulfate, total	mg/L	12/16/15 - 07/07/25	35	0	CI around median	410	400	Standard	Exceedance
APW10	UA	E010	Thallium, total	mg/L	12/16/15 - 07/07/25	22	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW10	UA	E010	Total Dissolved Solids	mg/L	12/16/15 - 07/07/25	35	0	CB around T-S line	1,040	1,200	Standard	No Exceedance
APW11	UA	E010	Antimony, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW11	UA	E010	Arsenic, total	mg/L	02/18/21 - 07/07/25	19	0	CI around geomean	0.0026	0.0590	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 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	E010	Barium, total	mg/L	02/18/21 - 07/07/25	19	0	CB around T-S line	-0.068	2.0	Standard	No Exceedance
APW11	UA	E010	Beryllium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW11	UA	E010	Boron, total	mg/L	02/18/21 - 07/07/25	19	0	CI around median	0.0628	2	Standard	No Exceedance
APW11	UA	E010	Cadmium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW11	UA	E010	Chloride, total	mg/L	02/18/21 - 07/07/25	19	0	CB around T-S line	15.7	200	Standard	No Exceedance
APW11	UA	E010	Chromium, total	mg/L	02/18/21 - 07/07/25	19	68	CB around T-S line	-0.00116	0.1	Standard	No Exceedance
APW11	UA	E010	Cobalt, total	mg/L	02/18/21 - 07/07/25	19	74	CB around T-S line	0.000236	0.006	Standard	No Exceedance
APW11	UA	E010	Fluoride, total	mg/L	02/18/21 - 07/07/25	19	47	CB around T-S line	0.348	4.0	Standard	No Exceedance
APW11	UA	E010	Lead, total	mg/L	02/18/21 - 07/07/25	19	63	CI around median	0.001	0.0075	Standard	No Exceedance
APW11	UA	E010	Lithium, total	mg/L	02/18/21 - 07/07/25	19	5	CI around mean	0.02	0.04	Standard	No Exceedance
APW11	UA	E010	Mercury, total	mg/L	02/18/21 - 07/07/25	19	84	CI around median	0.0002	0.002	Standard	No Exceedance
APW11	UA	E010	Molybdenum, total	mg/L	02/18/21 - 07/07/25	18	0	CB around T-S line	-0.00707	0.1	Standard	No Exceedance
APW11	UA	E010	pH (field)	SU	02/18/21 - 07/07/25	19	0	CI around median	7.0/7.2	6.4/9.0	Background/Standard	No Exceedance
APW11	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 07/07/25	18	0	CI around geomean	0.676	6.90	Background	No Exceedance
APW11	UA	E010	Selenium, total	mg/L	02/18/21 - 07/07/25	19	84	CI around median	0.001	0.05	Standard	No Exceedance
APW11	UA	E010	Sulfate, total	mg/L	02/18/21 - 07/07/25	19	0	CI around median	270	400	Standard	No Exceedance
APW11	UA	E010	Thallium, total	mg/L	02/18/21 - 07/07/25	19	95	CB around T-S line	0.001	0.002	Standard	No Exceedance
APW11	UA	E010	Total Dissolved Solids	mg/L	02/18/21 - 07/07/25	19	0	CI around mean	816	1,200	Standard	No Exceedance
APW12	UD	E010	Antimony, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW12	UD	E010	Arsenic, total	mg/L	02/17/21 - 07/07/25	19	47	CB around linear reg	0.000411	0.0590	Background	No Exceedance
APW12	UD	E010	Barium, total	mg/L	02/17/21 - 07/07/25	19	0	CB around linear reg	0.0224	2.0	Standard	No Exceedance
APW12	UD	E010	Beryllium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW12	UD	E010	Boron, total	mg/L	02/17/21 - 07/07/25	19	0	CB around linear reg	0.808	2	Standard	No Exceedance
APW12	UD	E010	Cadmium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW12	UD	E010	Chloride, total	mg/L	02/17/21 - 07/07/25	19	0	CI around mean	24	200	Standard	No Exceedance
APW12	UD	E010	Chromium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
APW12	UD	E010	Cobalt, total	mg/L	02/17/21 - 07/07/25	19	32	CB around linear reg	-0.00157	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 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	E010	Fluoride, total	mg/L	02/17/21 - 07/07/25	19	74	CI around median	0.22	4.0	Standard	No Exceedance
APW12	UD	E010	Lead, total	mg/L	02/17/21 - 07/07/25	19	95	CI around median	0.001	0.0075	Standard	No Exceedance
APW12	UD	E010	Lithium, total	mg/L	02/17/21 - 07/07/25	19	0	CI around geomean	0.028	0.04	Standard	No Exceedance
APW12	UD	E010	Mercury, total	mg/L	02/17/21 - 07/07/25	19	95	CI around median	0.0002	0.002	Standard	No Exceedance
APW12	UD	E010	Molybdenum, total	mg/L	02/17/21 - 07/07/25	18	72	CI around median	0.0012	0.1	Standard	No Exceedance
APW12	UD	E010	pH (field)	SU	02/17/21 - 07/07/25	19	0	CI around median	6.3/6.5	6.4/9.0	Background/Standard	No Exceedance
APW12	UD	E010	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 07/07/25	18	0	CI around mean	0.368	6.90	Background	No Exceedance
APW12	UD	E010	Selenium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW12	UD	E010	Sulfate, total	mg/L	02/17/21 - 07/07/25	19	0	CB around T-S line	480	400	Standard	Exceedance
APW12	UD	E010	Thallium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW12	UD	E010	Total Dissolved Solids	mg/L	02/17/21 - 07/07/25	19	0	CB around linear reg	1,810	1,200	Standard	Exceedance
APW13	UA	E010	Antimony, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW13	UA	E010	Arsenic, total	mg/L	02/22/21 - 07/07/25	19	0	CI around mean	0.00392	0.0590	Background	No Exceedance
APW13	UA	E010	Barium, total	mg/L	02/22/21 - 07/07/25	19	0	CI around median	0.051	2.0	Standard	No Exceedance
APW13	UA	E010	Beryllium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW13	UA	E010	Boron, total	mg/L	02/22/21 - 07/07/25	19	0	CI around mean	0.11	2	Standard	No Exceedance
APW13	UA	E010	Cadmium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW13	UA	E010	Chloride, total	mg/L	02/22/21 - 07/07/25	19	0	CI around geomean	48.9	200	Standard	No Exceedance
APW13	UA	E010	Chromium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
APW13	UA	E010	Cobalt, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW13	UA	E010	Fluoride, total	mg/L	02/22/21 - 07/07/25	19	26	CB around linear reg	0.404	4.0	Standard	No Exceedance
APW13	UA	E010	Lead, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
APW13	UA	E010	Lithium, total	mg/L	02/22/21 - 07/07/25	19	0	CB around linear reg	0.014	0.04	Standard	No Exceedance
APW13	UA	E010	Mercury, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW13	UA	E010	Molybdenum, total	mg/L	02/22/21 - 07/07/25	18	0	CB around linear reg	0.00312	0.1	Standard	No Exceedance
APW13	UA	E010	pH (field)	SU	02/22/21 - 07/07/25	19	0	CI around median	7.1/7.3	6.4/9.0	Background/Standard	No Exceedance
APW13	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 07/07/25	18	0	CI around mean	0.424	6.90	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 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	E010	Selenium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW13	UA	E010	Sulfate, total	mg/L	02/22/21 - 07/07/25	19	0	CB around linear reg	255	400	Standard	No Exceedance
APW13	UA	E010	Thallium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW13	UA	E010	Total Dissolved Solids	mg/L	02/22/21 - 07/07/25	19	0	CB around linear reg	907	1,200	Standard	No Exceedance
APW14	UA	E010	Antimony, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW14	UA	E010	Arsenic, total	mg/L	02/22/21 - 07/07/25	19	5	CI around mean	0.00546	0.0590	Background	No Exceedance
APW14	UA	E010	Barium, total	mg/L	02/22/21 - 07/07/25	19	5	CB around linear reg	0.0169	2.0	Standard	No Exceedance
APW14	UA	E010	Beryllium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW14	UA	E010	Boron, total	mg/L	02/22/21 - 07/07/25	19	5	CI around median	0.0888	2	Standard	No Exceedance
APW14	UA	E010	Cadmium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW14	UA	E010	Chloride, total	mg/L	02/22/21 - 07/07/25	19	0	CB around linear reg	30.9	200	Standard	No Exceedance
APW14	UA	E010	Chromium, total	mg/L	02/22/21 - 07/07/25	19	90	CB around T-S line	-0.000179	0.1	Standard	No Exceedance
APW14	UA	E010	Cobalt, total	mg/L	02/22/21 - 07/07/25	19	95	CB around T-S line	0.000388	0.006	Standard	No Exceedance
APW14	UA	E010	Fluoride, total	mg/L	02/22/21 - 07/07/25	19	37	CI around mean	0.291	4.0	Standard	No Exceedance
APW14	UA	E010	Lead, total	mg/L	02/22/21 - 07/07/25	19	84	CI around median	0.001	0.0075	Standard	No Exceedance
APW14	UA	E010	Lithium, total	mg/L	02/22/21 - 07/07/25	19	16	CB around linear reg	0.00457	0.04	Standard	No Exceedance
APW14	UA	E010	Mercury, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW14	UA	E010	Molybdenum, total	mg/L	02/22/21 - 07/07/25	18	6	CB around T-S line	-0.0135	0.1	Standard	No Exceedance
APW14	UA	E010	pH (field)	SU	02/22/21 - 07/07/25	19	0	CB around T-S line	6.8/7.1	6.4/9.0	Background/Standard	No Exceedance
APW14	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 07/07/25	18	0	CI around mean	0.503	6.90	Background	No Exceedance
APW14	UA	E010	Selenium, total	mg/L	02/22/21 - 07/07/25	19	95	Most recent sample	0.001	0.05	Standard	No Exceedance
APW14	UA	E010	Sulfate, total	mg/L	02/22/21 - 07/07/25	19	0	CI around mean	325	400	Standard	No Exceedance
APW14	UA	E010	Thallium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW14	UA	E010	Total Dissolved Solids	mg/L	02/22/21 - 07/07/25	19	0	CB around linear reg	971	1,200	Standard	No Exceedance
APW15	UA	E010	Antimony, total	mg/L	02/23/21 - 07/07/25	19	95	CB around T-S line	-0.000106	0.006	Standard	No Exceedance
APW15	UA	E010	Arsenic, total	mg/L	02/23/21 - 07/07/25	19	0	CB around linear reg	0.0273	0.0590	Background	No Exceedance
APW15	UA	E010	Barium, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	0.563	2.0	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 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	E010	Beryllium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW15	UA	E010	Boron, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	0.126	2	Standard	No Exceedance
APW15	UA	E010	Cadmium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW15	UA	E010	Chloride, total	mg/L	02/23/21 - 07/07/25	19	0	CI around median	230	200	Standard	Exceedance
APW15	UA	E010	Chromium, total	mg/L	02/23/21 - 07/07/25	19	42	CI around geomean	0.00295	0.1	Standard	No Exceedance
APW15	UA	E010	Cobalt, total	mg/L	02/23/21 - 07/07/25	19	53	CB around T-S line	0.000988	0.006	Standard	No Exceedance
APW15	UA	E010	Fluoride, total	mg/L	02/23/21 - 07/07/25	19	21	CI around median	0.48	4.0	Standard	No Exceedance
APW15	UA	E010	Lead, total	mg/L	02/23/21 - 07/07/25	19	37	CI around median	0.001	0.0075	Standard	No Exceedance
APW15	UA	E010	Lithium, total	mg/L	02/23/21 - 07/07/25	19	42	CB around linear reg	0.000604	0.04	Standard	No Exceedance
APW15	UA	E010	Mercury, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW15	UA	E010	Molybdenum, total	mg/L	02/23/21 - 07/07/25	18	0	CB around linear reg	0.000484	0.1	Standard	No Exceedance
APW15	UA	E010	pH (field)	SU	02/23/21 - 07/07/25	19	0	CI around mean	7.0/7.2	6.4/9.0	Background/Standard	No Exceedance
APW15	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 07/07/25	18	0	CI around mean	1.84	6.90	Background	No Exceedance
APW15	UA	E010	Selenium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW15	UA	E010	Sulfate, total	mg/L	02/23/21 - 07/07/25	19	79	CB around T-S line	1	400	Standard	No Exceedance
APW15	UA	E010	Thallium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW15	UA	E010	Total Dissolved Solids	mg/L	02/23/21 - 07/07/25	19	0	CI around median	1,000	1,200	Standard	No Exceedance
APW16	UA	E010	Antimony, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW16	UA	E010	Arsenic, total	mg/L	02/23/21 - 07/07/25	19	0	CB around linear reg	0.0237	0.0590	Background	No Exceedance
APW16	UA	E010	Barium, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	0.554	2.0	Standard	No Exceedance
APW16	UA	E010	Beryllium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW16	UA	E010	Boron, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	0.13	2	Standard	No Exceedance
APW16	UA	E010	Cadmium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW16	UA	E010	Chloride, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	66.4	200	Standard	No Exceedance
APW16	UA	E010	Chromium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
APW16	UA	E010	Cobalt, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW16	UA	E010	Fluoride, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	0.674	4.0	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 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	E010	Lead, total	mg/L	02/23/21 - 07/07/25	19	95	Most recent sample	0.001	0.0075	Standard	No Exceedance
APW16	UA	E010	Lithium, total	mg/L	02/23/21 - 07/07/25	19	79	CB around T-S line	-0.00612	0.04	Standard	No Exceedance
APW16	UA	E010	Mercury, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW16	UA	E010	Molybdenum, total	mg/L	02/23/21 - 07/07/25	18	72	CI around median	0.0012	0.1	Standard	No Exceedance
APW16	UA	E010	pH (field)	SU	02/23/21 - 07/07/25	19	0	CI around mean	7.2/7.5	6.4/9.0	Background/Standard	No Exceedance
APW16	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 07/07/25	18	0	CI around geomean	1.6	6.90	Background	No Exceedance
APW16	UA	E010	Selenium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW16	UA	E010	Sulfate, total	mg/L	02/23/21 - 07/07/25	19	79	CB around T-S line	1	400	Standard	No Exceedance
APW16	UA	E010	Thallium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW16	UA	E010	Total Dissolved Solids	mg/L	02/23/21 - 07/07/25	19	0	CI around median	720	1,200	Standard	No Exceedance
APW17	UA	E010	Antimony, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW17	UA	E010	Arsenic, total	mg/L	02/23/21 - 07/07/25	19	0	CB around linear reg	0.0197	0.0590	Background	No Exceedance
APW17	UA	E010	Barium, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	0.556	2.0	Standard	No Exceedance
APW17	UA	E010	Beryllium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW17	UA	E010	Boron, total	mg/L	02/23/21 - 07/07/25	19	0	CI around geomean	0.0816	2	Standard	No Exceedance
APW17	UA	E010	Cadmium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW17	UA	E010	Chloride, total	mg/L	02/23/21 - 07/07/25	19	0	CI around median	52	200	Standard	No Exceedance
APW17	UA	E010	Chromium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
APW17	UA	E010	Cobalt, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW17	UA	E010	Fluoride, total	mg/L	02/23/21 - 07/07/25	19	10	CI around mean	0.425	4.0	Standard	No Exceedance
APW17	UA	E010	Lead, total	mg/L	02/23/21 - 07/07/25	19	95	CI around median	0.001	0.0075	Standard	No Exceedance
APW17	UA	E010	Lithium, total	mg/L	02/23/21 - 07/07/25	19	90	CB around T-S line	-0.00607	0.04	Standard	No Exceedance
APW17	UA	E010	Mercury, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW17	UA	E010	Molybdenum, total	mg/L	02/23/21 - 07/07/25	18	0	CI around median	0.0049	0.1	Standard	No Exceedance
APW17	UA	E010	pH (field)	SU	02/23/21 - 07/07/25	19	0	CI around mean	7.2/7.5	6.4/9.0	Background/Standard	No Exceedance
APW17	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 07/07/25	18	0	CI around mean	1.29	6.90	Background	No Exceedance
APW17	UA	E010	Selenium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.05	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 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	E010	Sulfate, total	mg/L	02/23/21 - 07/07/25	19	5	CB around T-S line	65.4	400	Standard	No Exceedance
APW17	UA	E010	Thallium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW17	UA	E010	Total Dissolved Solids	mg/L	02/23/21 - 07/07/25	19	0	CB around linear reg	683	1,200	Standard	No Exceedance
APW18	UA	E010	Antimony, total	mg/L	02/23/21 - 07/07/25	19	95	CB around T-S line	-0.000284	0.006	Standard	No Exceedance
APW18	UA	E010	Arsenic, total	mg/L	02/23/21 - 07/07/25	19	5	CI around mean	0.00178	0.0590	Background	No Exceedance
APW18	UA	E010	Barium, total	mg/L	02/23/21 - 07/07/25	19	0	CB around linear reg	0.342	2.0	Standard	No Exceedance
APW18	UA	E010	Beryllium, total	mg/L	02/23/21 - 07/07/25	19	95	CI around median	0.001	0.004	Standard	No Exceedance
APW18	UA	E010	Boron, total	mg/L	02/23/21 - 07/07/25	19	0	CI around median	0.11	2	Standard	No Exceedance
APW18	UA	E010	Cadmium, total	mg/L	02/23/21 - 07/07/25	19	95	CI around median	0.001	0.005	Standard	No Exceedance
APW18	UA	E010	Chloride, total	mg/L	02/23/21 - 07/07/25	19	0	CB around T-S line	-12	200	Standard	No Exceedance
APW18	UA	E010	Chromium, total	mg/L	02/23/21 - 07/07/25	19	74	CB around T-S line	-0.00157	0.1	Standard	No Exceedance
APW18	UA	E010	Cobalt, total	mg/L	02/23/21 - 07/07/25	19	84	CB around T-S line	-0.00035	0.006	Standard	No Exceedance
APW18	UA	E010	Fluoride, total	mg/L	02/23/21 - 07/07/25	19	5	CI around median	0.54	4.0	Standard	No Exceedance
APW18	UA	E010	Lead, total	mg/L	02/23/21 - 07/07/25	19	68	CB around T-S line	-0.00471	0.0075	Standard	No Exceedance
APW18	UA	E010	Lithium, total	mg/L	02/23/21 - 07/07/25	19	53	CB around T-S line	-0.000637	0.04	Standard	No Exceedance
APW18	UA	E010	Mercury, total	mg/L	02/23/21 - 07/07/25	19	95	CI around median	0.0002	0.002	Standard	No Exceedance
APW18	UA	E010	Molybdenum, total	mg/L	02/23/21 - 07/07/25	18	0	CB around T-S line	-0.0277	0.1	Standard	No Exceedance
APW18	UA	E010	pH (field)	SU	02/23/21 - 07/07/25	19	0	CI around mean	7.5/7.7	6.4/9.0	Background/Standard	No Exceedance
APW18	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 07/07/25	18	0	CI around mean	1.41	6.90	Background	No Exceedance
APW18	UA	E010	Selenium, total	mg/L	02/23/21 - 07/07/25	19	95	CI around median	0.001	0.05	Standard	No Exceedance
APW18	UA	E010	Sulfate, total	mg/L	02/23/21 - 07/07/25	19	10	CI around median	4.8	400	Standard	No Exceedance
APW18	UA	E010	Thallium, total	mg/L	02/23/21 - 07/07/25	19	90	CB around T-S line	0.001	0.002	Standard	No Exceedance
APW18	UA	E010	Total Dissolved Solids	mg/L	02/23/21 - 07/07/25	19	0	CI around median	535	1,200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 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) 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:

E010 = Quarter 3, 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 linear reg = Confidence band around linear regression

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

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 3, 2025
PRIMARY ASH POND
NEWTON POWER PLANT
NEWTON, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



ATTACHMENTS

**ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 3, 2025**

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 3, 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	07/01/2025	5.42	528.14
APW03	Compliance	07/01/2025	8.91	523.54
APW04	Compliance	07/01/2025	4.68	520.57
APW05	Background	07/01/2025	15.71	528.64
APW05S	Compliance	07/01/2025	11.46	533.06
APW06	Background	07/01/2025	19.44	526.99
APW07	Compliance	07/01/2025	46.61	491.80
APW08	Compliance	07/01/2025	37.49	491.85
APW09	Compliance	07/01/2025	26.55	505.34
APW10	Compliance	07/01/2025	17.95	506.68
APW11	Compliance	07/01/2025	24.84	514.35
APW12	Compliance	07/01/2025	15.27	531.67
APW13	Compliance	07/01/2025	32.66	505.82
APW14	Compliance	07/01/2025	21.18	505.73
APW15	Compliance	07/01/2025	21.18	504.15
APW16	Compliance	07/01/2025	40.12	491.76
APW17	Compliance	07/01/2025	41.15	491.77
APW18	Compliance	07/01/2025	51.69	491.99
XSG01	Water Level	07/01/2025	DM²	DM²
SG02	Water Level	07/01/2025	1.76	504.25

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 3, 2025**

August 08, 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-10438
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: NEW-25Q3

WorkOrder: 25061769

Dear Eric Bauer:

TEKLAB, INC received 24 samples for NEW_845_501 on 7/17/2025 2:30:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,



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



Report Contents

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-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	31
Quality Control Results	32
Receiving Check List	125
Chain of Custody	Appended

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-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 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-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: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

Cooler Receipt Temp: 3.7 °C

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

Dates/times of measurement for depth-only wells are per SAR3 and SAR4. EAH 7/9/25

Equipment Blank 3 was not required. EAH 7/10/25

Per Eric Bauer's request, only NEW_845_501 data is included in this report. EAH 8/8/25

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 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-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-10438	NELAP	7/31/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2026	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2026	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2026	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 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-004
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: APW02
Collection Date: 07/07/2025 12:28

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.92	ft	1	07/07/2025 12:28	R368197
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		78	NTU	1	07/07/2025 12:28	R368197
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-135	mV	1	07/07/2025 12:28	R368197
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		5370	µS/cm	1	07/07/2025 12:28	R368197
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		23.1	°C	1	07/07/2025 12:28	R368197
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.22	mg/L	1	07/07/2025 12:28	R368197
SW-846 9040B FIELD									
pH	*	0	1.00		6.48		1	07/07/2025 12:28	R368197
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		655	mg/L	1	07/10/2025 11:48	R367921
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/10/2025 11:48	R367921
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	27	33		5650	mg/L	1.67	07/09/2025 13:18	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.13	mg/L	10	07/09/2025 12:09	R367903
Chloride	NELAP	1.00	5.00		113	mg/L	10	07/09/2025 12:09	R367903
Sulfate	NELAP	0.99	10.0		3180	mg/L	10	07/09/2025 12:09	R367903
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	S	527	mg/L	1	07/10/2025 16:39	241640
Magnesium	NELAP	0.006	0.050	S	478	mg/L	1	07/10/2025 16:39	241640
Potassium	NELAP	0.400	1.00		6.34	mg/L	10	07/11/2025 19:13	241640
Sodium	NELAP	0.018	0.050	S	437	mg/L	1	07/10/2025 16:39	241640
<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		< 1.0	µg/L	5	07/10/2025 10:23	241640
Arsenic	NELAP	0.4	1.0		1.8	µg/L	5	07/14/2025 17:41	241750
Barium	NELAP	0.7	1.0		13.9	µg/L	5	07/10/2025 10:23	241640
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 10:23	241640
Boron	NELAP	9.2	25.0		127	µg/L	5	07/10/2025 10:23	241640
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 10:23	241640
Chromium	NELAP	0.7	1.5		1.6	µg/L	5	07/10/2025 10:23	241640
Cobalt	NELAP	0.1	1.0		15.0	µg/L	5	07/10/2025 10:23	241640
Lead	NELAP	0.6	1.0	J	1.0	µg/L	5	07/10/2025 10:23	241640
Lithium	*	1.4	3.0		117	µg/L	5	07/10/2025 10:23	241640
Molybdenum	NELAP	0.6	1.5	J	1.2	µg/L	5	07/10/2025 10:23	241640
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 10:23	241640
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/10/2025 10:23	241640
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/09/2025 13:31	241644



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-005
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: APW03
Collection Date: 07/07/2025 10:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		9.47	ft	1	07/07/2025 10:47	R368197
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.0	NTU	1	07/07/2025 10:47	R368197
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		48	mV	1	07/07/2025 10:47	R368197
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		992	µS/cm	1	07/07/2025 10:47	R368197
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		21.7	°C	1	07/07/2025 10:47	R368197
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.01	mg/L	1	07/07/2025 10:47	R368197
SW-846 9040B FIELD									
pH	*	0	1.00		6.66		1	07/07/2025 10:47	R368197
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		383	mg/L	1	07/10/2025 13:32	R367921
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/10/2025 13:32	R367921
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		674	mg/L	1	07/09/2025 13:18	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.19	mg/L	10	07/09/2025 12:22	R367903
Chloride	NELAP	1.00	5.00		8.40	mg/L	10	07/09/2025 12:22	R367903
Sulfate	NELAP	0.99	10.0		132	mg/L	10	07/09/2025 12:22	R367903
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		91.7	mg/L	1	07/10/2025 16:44	241640
Magnesium	NELAP	0.006	0.050		50.4	mg/L	1	07/10/2025 16:44	241640
Potassium	NELAP	0.040	0.100		0.348	mg/L	1	07/10/2025 16:44	241640
Sodium	NELAP	0.018	0.050		66.7	mg/L	1	07/10/2025 16:44	241640
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	07/10/2025 9:58	241640
Arsenic	NELAP	0.4	1.0	J	0.4	µg/L	5	07/14/2025 17:16	241750
Barium	NELAP	0.7	1.0		90.5	µg/L	5	07/10/2025 9:58	241640
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 9:58	241640
Boron	NELAP	9.2	25.0		414	µg/L	5	07/10/2025 9:58	241640
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 9:58	241640
Chromium	NELAP	0.7	1.5	J	0.8	µg/L	5	07/10/2025 9:58	241640
Cobalt	NELAP	0.1	1.0	J	0.2	µg/L	5	07/10/2025 9:58	241640
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 9:58	241640
Lithium	*	1.4	3.0		9.3	µg/L	5	07/10/2025 9:58	241640
Molybdenum	NELAP	0.6	1.5		< 1.5	µg/L	5	07/10/2025 9:58	241640
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 9:58	241640
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/10/2025 9:58	241640
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/09/2025 13:33	241644



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-006
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: APW04
Collection Date: 07/07/2025 12:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.08	ft	1	07/07/2025 12:33	R368197
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		16	NTU	1	07/07/2025 12:33	R368197
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		139	mV	1	07/07/2025 12:33	R368197
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2290	µS/cm	1	07/07/2025 12:33	R368197
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		19.9	°C	1	07/07/2025 12:33	R368197
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.01	mg/L	1	07/07/2025 12:33	R368197
SW-846 9040B FIELD									
pH	*	0	1.00		6.66		1	07/07/2025 12:33	R368197
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		517	mg/L	1	07/10/2025 12:59	R367921
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/10/2025 12:59	R367921
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	20	25		1920	mg/L	1.25	07/09/2025 13:18	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.12	mg/L	10	07/09/2025 12:34	R367903
Chloride	NELAP	1.00	5.00		34.0	mg/L	10	07/09/2025 12:34	R367903
Sulfate	NELAP	0.99	10.0		860	mg/L	10	07/09/2025 12:34	R367903
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		232	mg/L	1	07/10/2025 16:45	241640
Magnesium	NELAP	0.006	0.050		181	mg/L	1	07/10/2025 16:45	241640
Potassium	NELAP	0.040	0.100		1.03	mg/L	1	07/10/2025 16:45	241640
Sodium	NELAP	0.018	0.050		95.9	mg/L	1	07/10/2025 16:45	241640
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	07/10/2025 10:05	241640
Arsenic	NELAP	0.4	1.0		< 1.0	µg/L	5	07/14/2025 17:22	241750
Barium	NELAP	0.7	1.0		13.0	µg/L	5	07/10/2025 10:05	241640
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 10:05	241640
Boron	NELAP	9.2	25.0		30.7	µg/L	5	07/10/2025 10:05	241640
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 10:05	241640
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	07/10/2025 10:05	241640
Cobalt	NELAP	0.1	1.0	J	0.2	µg/L	5	07/10/2025 10:05	241640
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 10:05	241640
Lithium	*	1.4	3.0		20.1	µg/L	5	07/10/2025 10:05	241640
Molybdenum	NELAP	0.6	1.5	J	0.7	µg/L	5	07/10/2025 10:05	241640
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 10:05	241640
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/10/2025 10:05	241640
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/09/2025 13:35	241644



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-007
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: APW05
Collection Date: 07/07/2025 14:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		15.77	ft	1	07/07/2025 14:31	R368197
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.0	NTU	1	07/07/2025 14:31	R368197
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		132	mV	1	07/07/2025 14:31	R368197
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1040	µS/cm	1	07/07/2025 14:31	R368197
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.8	°C	1	07/07/2025 14:31	R368197
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		5.96	mg/L	1	07/07/2025 14:31	R368197
SW-846 9040B FIELD									
pH	*	0	1.00		7.62		1	07/07/2025 14:31	R368197
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		453	mg/L	1	07/10/2025 12:12	R367921
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/10/2025 12:12	R367921
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		616	mg/L	1	07/09/2025 13:18	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.47	mg/L	10	07/09/2025 12:47	R367903
Chloride	NELAP	1.00	5.00		47.4	mg/L	10	07/09/2025 12:47	R367903
Sulfate	NELAP	0.99	10.0		10.2	mg/L	10	07/09/2025 12:47	R367903
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		52.9	mg/L	1	07/10/2025 16:55	241640
Magnesium	NELAP	0.006	0.050		27.7	mg/L	1	07/10/2025 16:55	241640
Potassium	NELAP	0.040	0.100		2.05	mg/L	1	07/10/2025 16:55	241640
Sodium	NELAP	0.018	0.050		132	mg/L	1	07/10/2025 16:55	241640
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	07/10/2025 10:11	241640
Arsenic	NELAP	0.4	1.0		6.4	µg/L	5	07/14/2025 17:28	241750
Barium	NELAP	0.7	1.0		225	µg/L	5	07/10/2025 10:11	241640
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 10:11	241640
Boron	NELAP	9.2	25.0		103	µg/L	5	07/10/2025 10:11	241640
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 10:11	241640
Chromium	NELAP	0.7	1.5		2.1	µg/L	5	07/10/2025 10:11	241640
Cobalt	NELAP	0.1	1.0		< 1.0	µg/L	5	07/10/2025 10:11	241640
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 10:11	241640
Lithium	*	1.4	3.0		9.6	µg/L	5	07/10/2025 10:11	241640
Molybdenum	NELAP	0.6	1.5		12.5	µg/L	5	07/10/2025 10:11	241640
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 10:11	241640
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/10/2025 10:11	241640
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/09/2025 13:42	241644



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-008
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: APW05S
Collection Date: 07/07/2025 13:59

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		11.91	ft	1	07/07/2025 13:59	R368197
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		8.3	NTU	1	07/07/2025 13:59	R368197
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		124	mV	1	07/07/2025 13:59	R368197
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		4170	µS/cm	1	07/07/2025 13:59	R368197
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.0	°C	1	07/07/2025 13:59	R368197
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.75	mg/L	1	07/07/2025 13:59	R368197
SW-846 9040B FIELD									
pH	*	0	1.00		6.72		1	07/07/2025 13:59	R368197
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		540	mg/L	1	07/10/2025 11:24	R367921
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/10/2025 11:24	R367921
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	27	33		3820	mg/L	1.67	07/09/2025 13:18	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.32	mg/L	10	07/09/2025 13:00	R367903
Chloride	NELAP	1.00	5.00		162	mg/L	10	07/09/2025 13:00	R367903
Sulfate	NELAP	0.99	10.0		2050	mg/L	10	07/09/2025 13:00	R367903
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		389	mg/L	1	07/10/2025 16:56	241640
Magnesium	NELAP	0.006	0.050		295	mg/L	1	07/10/2025 16:56	241640
Potassium	NELAP	0.040	0.100		2.10	mg/L	1	07/10/2025 16:56	241640
Sodium	NELAP	0.018	0.050		268	mg/L	1	07/10/2025 16:56	241640
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	07/10/2025 10:17	241640
Arsenic	NELAP	0.4	1.0	J	0.4	µg/L	5	07/14/2025 17:35	241750
Barium	NELAP	0.7	1.0		29.3	µg/L	5	07/10/2025 10:17	241640
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 10:17	241640
Boron	NELAP	9.2	25.0		49.9	µg/L	5	07/10/2025 10:17	241640
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 10:17	241640
Chromium	NELAP	0.7	1.5	J	0.9	µg/L	5	07/10/2025 10:17	241640
Cobalt	NELAP	0.1	1.0	J	0.3	µg/L	5	07/10/2025 10:17	241640
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 10:17	241640
Lithium	*	1.4	3.0		38.6	µg/L	5	07/10/2025 10:17	241640
Molybdenum	NELAP	0.6	1.5	J	1.0	µg/L	5	07/10/2025 10:17	241640
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 10:17	241640
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/10/2025 10:17	241640
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/09/2025 13:45	241644



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-009
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: APW06
Collection Date: 07/07/2025 13:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		19.56	ft	1	07/07/2025 13:12	R368197
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.0	NTU	1	07/07/2025 13:12	R368197
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-74	mV	1	07/07/2025 13:12	R368197
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		890	µS/cm	1	07/07/2025 13:12	R368197
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		20.0	°C	1	07/07/2025 13:12	R368197
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.21	mg/L	1	07/07/2025 13:12	R368197
SW-846 9040B FIELD									
pH	*	0	1.00		7.49		1	07/07/2025 13:12	R368197
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		438	mg/L	1	07/10/2025 11:15	R367921
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/10/2025 11:15	R367921
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		554	mg/L	1	07/09/2025 13:18	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.52	mg/L	10	07/09/2025 13:12	R367903
Chloride	NELAP	1.00	5.00		22.9	mg/L	10	07/09/2025 13:12	R367903
Sulfate	NELAP	0.99	10	J	5.3	mg/L	10	07/09/2025 13:12	R367903
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		58.6	mg/L	1	07/10/2025 16:58	241640
Magnesium	NELAP	0.006	0.050		26.2	mg/L	1	07/10/2025 16:58	241640
Potassium	NELAP	0.040	0.100		1.61	mg/L	1	07/10/2025 16:58	241640
Sodium	NELAP	0.018	0.050		113	mg/L	1	07/10/2025 16:58	241640
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0	J	0.6	µg/L	5	07/10/2025 11:08	241640
Arsenic	NELAP	0.4	1.0		3.7	µg/L	5	07/14/2025 18:38	241750
Barium	NELAP	0.7	1.0		224	µg/L	5	07/10/2025 11:08	241640
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 11:08	241640
Boron	NELAP	9.2	25.0		83.3	µg/L	5	07/10/2025 11:08	241640
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 11:08	241640
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	07/10/2025 11:08	241640
Cobalt	NELAP	0.1	1.0	J	0.2	µg/L	5	07/10/2025 11:08	241640
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 11:08	241640
Lithium	*	1.4	3.0		10.8	µg/L	5	07/10/2025 11:08	241640
Molybdenum	NELAP	0.6	1.5		6.8	µg/L	5	07/10/2025 11:08	241640
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 11:08	241640
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/10/2025 11:08	241640
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/09/2025 13:52	241644



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-010
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: APW07
Collection Date: 07/09/2025 10:28

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		41.70	ft	1	07/09/2025 10:28	R368197
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		110	NTU	1	07/09/2025 10:28	R368197
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-73	mV	1	07/09/2025 10:28	R368197
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1110	µS/cm	1	07/09/2025 10:28	R368197
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		20.8	°C	1	07/09/2025 10:28	R368197
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.59	mg/L	1	07/09/2025 10:28	R368197
SW-846 9040B FIELD									
pH	*	0	1.00		7.04		1	07/09/2025 10:28	R368197
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		484	mg/L	1	07/15/2025 10:59	R368134
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/15/2025 10:59	R368134
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		666	mg/L	1	07/10/2025 11:34	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.40	mg/L	10	07/10/2025 17:43	R367939
Chloride	NELAP	1.00	5.00		64.6	mg/L	10	07/10/2025 17:43	R367939
Sulfate	NELAP	0.99	10.0		17.3	mg/L	10	07/10/2025 17:43	R367939
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		99.1	mg/L	1	07/15/2025 19:35	241709
Magnesium	NELAP	0.006	0.050		36.8	mg/L	1	07/15/2025 19:35	241709
Potassium	NELAP	0.040	0.100		1.97	mg/L	1	07/11/2025 21:33	241709
Sodium	NELAP	0.018	0.050		101	mg/L	1	07/16/2025 16:38	241709
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0	J	0.9	µg/L	5	07/11/2025 23:59	241709
Arsenic	NELAP	0.4	1.0		11.5	µg/L	5	07/14/2025 16:13	241709
Barium	NELAP	0.7	1.0		473	µg/L	5	07/11/2025 23:59	241709
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/11/2025 23:59	241709
Boron	NELAP	9.2	25.0		95.9	µg/L	5	07/11/2025 23:59	241709
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/11/2025 23:59	241709
Chromium	NELAP	0.7	1.5		1.6	µg/L	5	07/11/2025 23:59	241709
Cobalt	NELAP	0.1	1.0	J	0.5	µg/L	5	07/11/2025 23:59	241709
Lead	NELAP	0.6	1.0	J	0.6	µg/L	5	07/11/2025 23:59	241709
Lithium	*	1.4	3.0		3.7	µg/L	5	07/11/2025 23:59	241709
Molybdenum	NELAP	0.6	1.5		2.3	µg/L	5	07/11/2025 23:59	241709
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/11/2025 23:59	241709
Thallium	NELAP	1.0	2.0	J	1.0	µg/L	5	07/11/2025 23:59	241709
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/10/2025 17:56	241711



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-011
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: APW08
Collection Date: 07/07/2025 14:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		36.64	ft	1	07/07/2025 14:08	R368197
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		19	NTU	1	07/07/2025 14:08	R368197
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-83	mV	1	07/07/2025 14:08	R368197
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1170	µS/cm	1	07/07/2025 14:08	R368197
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.0	°C	1	07/07/2025 14:08	R368197
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.16	mg/L	1	07/07/2025 14:08	R368197
SW-846 9040B FIELD									
pH	*	0	1.00		7.09		1	07/07/2025 14:08	R368197
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		493	mg/L	1	07/10/2025 12:04	R367921
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/10/2025 12:04	R367921
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		718	mg/L	1	07/09/2025 13:47	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.43	mg/L	10	07/09/2025 13:25	R367903
Chloride	NELAP	1.00	5.00		54.4	mg/L	10	07/09/2025 13:25	R367903
Sulfate	NELAP	0.99	10.0		58.6	mg/L	10	07/09/2025 13:25	R367903
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		112	mg/L	1	07/10/2025 17:00	241640
Magnesium	NELAP	0.006	0.050		44.0	mg/L	1	07/10/2025 17:00	241640
Potassium	NELAP	0.040	0.100		2.04	mg/L	1	07/10/2025 17:00	241640
Sodium	NELAP	0.018	0.050		91.0	mg/L	1	07/10/2025 17:00	241640
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	07/10/2025 11:14	241640
Arsenic	NELAP	0.4	1.0		14.5	µg/L	5	07/14/2025 18:44	241750
Barium	NELAP	0.7	1.0		432	µg/L	5	07/10/2025 11:14	241640
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 11:14	241640
Boron	NELAP	9.2	25.0		88.5	µg/L	5	07/10/2025 11:14	241640
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 11:14	241640
Chromium	NELAP	0.7	1.5	J	1.3	µg/L	5	07/10/2025 11:14	241640
Cobalt	NELAP	0.1	1.0	J	0.5	µg/L	5	07/10/2025 11:14	241640
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 11:14	241640
Lithium	*	1.4	3.0	J	2.9	µg/L	5	07/10/2025 11:14	241640
Molybdenum	NELAP	0.6	1.5		4.1	µg/L	5	07/10/2025 11:14	241640
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 11:14	241640
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/10/2025 11:14	241640
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/09/2025 15:52	241644



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-012
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: APW09
Collection Date: 07/07/2025 11:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		26.81	ft	1	07/07/2025 11:22	R368197
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.2	NTU	1	07/07/2025 11:22	R368197
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		39	mV	1	07/07/2025 11:22	R368197
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1460	µS/cm	1	07/07/2025 11:22	R368197
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		19.0	°C	1	07/07/2025 11:22	R368197
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.66	mg/L	1	07/07/2025 11:22	R368197
SW-846 9040B FIELD									
pH	*	0	1.00		7.39		1	07/07/2025 11:22	R368197
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		570	mg/L	1	07/15/2025 10:24	R368134
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/15/2025 10:24	R368134
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	23	29		898	mg/L	1.43	07/09/2025 13:47	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.49	mg/L	10	07/09/2025 14:28	R367903
Chloride	NELAP	1.00	5.00		141	mg/L	10	07/09/2025 14:28	R367903
Sulfate	NELAP	0.99	10	J	8.6	mg/L	10	07/09/2025 14:28	R367903
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		85.0	mg/L	1	07/10/2025 17:01	241640
Magnesium	NELAP	0.006	0.050		39.5	mg/L	1	07/10/2025 17:01	241640
Potassium	NELAP	0.040	0.100		2.39	mg/L	1	07/10/2025 17:01	241640
Sodium	NELAP	0.018	0.050		206	mg/L	1	07/10/2025 17:01	241640
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0	J	0.7	µg/L	5	07/10/2025 11:20	241640
Arsenic	NELAP	0.4	1.0		9.3	µg/L	5	07/14/2025 18:50	241750
Barium	NELAP	0.7	1.0		352	µg/L	5	07/10/2025 11:20	241640
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 11:20	241640
Boron	NELAP	9.2	25.0		106	µg/L	5	07/10/2025 11:20	241640
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 11:20	241640
Chromium	NELAP	0.7	1.5	J	0.8	µg/L	5	07/10/2025 11:20	241640
Cobalt	NELAP	0.1	1.0	J	0.4	µg/L	5	07/10/2025 11:20	241640
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 11:20	241640
Lithium	*	1.4	3.0		7.7	µg/L	5	07/10/2025 11:20	241640
Molybdenum	NELAP	0.6	1.5		3.7	µg/L	5	07/10/2025 11:20	241640
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 11:20	241640
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/10/2025 11:20	241640
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/09/2025 13:56	241644



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-013
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: APW10
Collection Date: 07/07/2025 11:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		17.98	ft	1	07/07/2025 11:58	R368197
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		11	NTU	1	07/07/2025 11:58	R368197
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		137	mV	1	07/07/2025 11:58	R368197
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1630	µS/cm	1	07/07/2025 11:58	R368197
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.7	°C	1	07/07/2025 11:58	R368197
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.23	mg/L	1	07/07/2025 11:58	R368197
SW-846 9040B FIELD									
pH	*	0	1.00		7.16		1	07/07/2025 11:58	R368197
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		417	mg/L	1	07/10/2025 10:28	R367921
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/10/2025 10:28	R367921
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	23	29		1180	mg/L	1.43	07/09/2025 13:47	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.29	mg/L	10	07/09/2025 14:41	R367903
Chloride	NELAP	1.00	5.00		43.8	mg/L	10	07/09/2025 14:41	R367903
Sulfate	NELAP	0.99	10.0		420	mg/L	10	07/09/2025 14:41	R367903
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		153	mg/L	1	07/10/2025 17:03	241640
Magnesium	NELAP	0.006	0.050		70.1	mg/L	1	07/10/2025 17:03	241640
Potassium	NELAP	0.040	0.100		1.91	mg/L	1	07/10/2025 17:03	241640
Sodium	NELAP	0.018	0.050		126	mg/L	1	07/10/2025 17:03	241640
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	07/10/2025 11:26	241640
Arsenic	NELAP	0.4	1.0		8.7	µg/L	5	07/14/2025 18:56	241750
Barium	NELAP	0.7	1.0		31.6	µg/L	5	07/10/2025 11:26	241640
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 11:26	241640
Boron	NELAP	9.2	25.0		78.6	µg/L	5	07/10/2025 11:26	241640
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 11:26	241640
Chromium	NELAP	0.7	1.5		2.1	µg/L	5	07/12/2025 3:08	241750
Cobalt	NELAP	0.1	1.0	J	0.7	µg/L	5	07/10/2025 11:26	241640
Lead	NELAP	0.6	1.0	J	0.9	µg/L	5	07/10/2025 11:26	241640
Lithium	*	1.4	3.0		21.3	µg/L	5	07/10/2025 11:26	241640
Molybdenum	NELAP	0.6	1.5		6.5	µg/L	5	07/10/2025 11:26	241640
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 11:26	241640
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/10/2025 11:26	241640
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/09/2025 13:59	241644



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-014
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: APW11
Collection Date: 07/07/2025 10:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		24.76	ft	1	07/07/2025 10:42	R368197
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		84	NTU	1	07/07/2025 10:42	R368197
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		50	mV	1	07/07/2025 10:42	R368197
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1370	µS/cm	1	07/07/2025 10:42	R368197
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.8	°C	1	07/07/2025 10:42	R368197
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.07	mg/L	1	07/07/2025 10:42	R368197
SW-846 9040B FIELD									
pH	*	0	1.00		6.90		1	07/07/2025 10:42	R368197
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		406	mg/L	1	07/10/2025 13:47	R367921
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/10/2025 13:47	R367921
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	20	25		938	mg/L	1.25	07/09/2025 13:47	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.33	mg/L	10	07/09/2025 14:54	R367903
Chloride	NELAP	1.00	5.00		24.4	mg/L	10	07/09/2025 14:54	R367903
Sulfate	NELAP	0.99	10.0		298	mg/L	10	07/09/2025 14:54	R367903
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		137	mg/L	1	07/10/2025 17:04	241640
Magnesium	NELAP	0.006	0.050		58.5	mg/L	1	07/10/2025 17:04	241640
Potassium	NELAP	0.040	0.100		1.68	mg/L	1	07/10/2025 17:04	241640
Sodium	NELAP	0.018	0.050		95.4	mg/L	1	07/10/2025 17:04	241640
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	07/10/2025 11:33	241640
Arsenic	NELAP	0.4	1.0		14.6	µg/L	5	07/14/2025 19:03	241750
Barium	NELAP	0.7	1.0		43.1	µg/L	5	07/10/2025 11:33	241640
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 11:33	241640
Boron	NELAP	9.2	25.0		61.2	µg/L	5	07/10/2025 11:33	241640
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 11:33	241640
Chromium	NELAP	0.7	1.5	J	1.3	µg/L	5	07/10/2025 11:33	241640
Cobalt	NELAP	0.1	1.0	J	0.3	µg/L	5	07/10/2025 11:33	241640
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 11:33	241640
Lithium	*	1.4	3.0		19.8	µg/L	5	07/10/2025 11:33	241640
Molybdenum	NELAP	0.6	1.5		3.9	µg/L	5	07/10/2025 11:33	241640
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 11:33	241640
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/10/2025 11:33	241640
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/09/2025 14:01	241644



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-015
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: APW12
Collection Date: 07/07/2025 11:14

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		15.49	ft	1	07/07/2025 11:14	R368197
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		1.7	NTU	1	07/07/2025 11:14	R368197
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		130	mV	1	07/07/2025 11:14	R368197
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2310	µS/cm	1	07/07/2025 11:14	R368197
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.7	°C	1	07/07/2025 11:14	R368197
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.79	mg/L	1	07/07/2025 11:14	R368197
SW-846 9040B FIELD									
pH	*	0	1.00		6.30		1	07/07/2025 11:14	R368197
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		581	mg/L	1	07/10/2025 12:20	R367921
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/10/2025 12:20	R367921
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	27	33		1920	mg/L	1.67	07/09/2025 14:22	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.11	mg/L	10	07/09/2025 15:07	R367903
Chloride	NELAP	1.00	5.00		24.7	mg/L	10	07/09/2025 15:07	R367903
Sulfate	NELAP	0.99	10.0		800	mg/L	10	07/09/2025 15:07	R367903
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	S	274	mg/L	1	07/10/2025 17:17	241640
Magnesium	NELAP	0.006	0.050	S	125	mg/L	1	07/10/2025 17:17	241640
Potassium	NELAP	0.040	0.100		1.31	mg/L	1	07/10/2025 17:17	241640
Sodium	NELAP	0.018	0.050	S	151	mg/L	1	07/10/2025 17:17	241640
<i>Matrix spike control limits are not applicable due to high sample/spike ratio.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	07/10/2025 11:51	241640
Arsenic	NELAP	0.4	1.0		< 1.0	µg/L	5	07/12/2025 5:14	241751
Barium	NELAP	0.7	1.0		27.9	µg/L	5	07/10/2025 11:51	241640
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 11:51	241640
Boron	NELAP	9.2	25.0		817	µg/L	5	07/10/2025 11:51	241640
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 11:51	241640
Chromium	NELAP	0.7	1.5	J	0.7	µg/L	5	07/10/2025 11:51	241640
Cobalt	NELAP	0.1	1.0	J	0.8	µg/L	5	07/10/2025 11:51	241640
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 11:51	241640
Lithium	*	1.4	3.0		28.7	µg/L	5	07/10/2025 11:51	241640
Molybdenum	NELAP	0.6	1.5		< 1.5	µg/L	5	07/10/2025 11:51	241640
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 11:51	241640
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/10/2025 11:51	241640
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/09/2025 14:03	241644



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-016
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: APW13
Collection Date: 07/07/2025 13:13

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		32.43	ft	1	07/07/2025 13:13	R368197
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		82	NTU	1	07/07/2025 13:13	R368197
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-63	mV	1	07/07/2025 13:13	R368197
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1540	µS/cm	1	07/07/2025 13:13	R368197
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.7	°C	1	07/07/2025 13:13	R368197
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.88	mg/L	1	07/07/2025 13:13	R368197
SW-846 9040B FIELD									
pH	*	0	1.00		7.06		1	07/07/2025 13:13	R368197
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		475	mg/L	1	07/10/2025 13:39	R367921
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/10/2025 13:39	R367921
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	20	25		1010	mg/L	1.25	07/09/2025 14:22	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.40	mg/L	10	07/09/2025 15:19	R367903
Chloride	NELAP	1.00	5.00		50.3	mg/L	10	07/09/2025 15:19	R367903
Sulfate	NELAP	0.99	10.0		259	mg/L	10	07/09/2025 15:19	R367903
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		130	mg/L	1	07/10/2025 17:22	241640
Magnesium	NELAP	0.006	0.050		61.6	mg/L	1	07/10/2025 17:22	241640
Potassium	NELAP	0.040	0.100		1.94	mg/L	1	07/10/2025 17:22	241640
Sodium	NELAP	0.018	0.050		136	mg/L	1	07/10/2025 17:22	241640
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	07/10/2025 11:39	241640
Arsenic	NELAP	0.4	1.0		4.4	µg/L	5	07/14/2025 19:09	241750
Barium	NELAP	0.7	1.0		54.2	µg/L	5	07/10/2025 11:39	241640
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 11:39	241640
Boron	NELAP	9.2	25.0		112	µg/L	5	07/10/2025 11:39	241640
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 11:39	241640
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	07/10/2025 11:39	241640
Cobalt	NELAP	0.1	1.0	J	0.1	µg/L	5	07/10/2025 11:39	241640
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 11:39	241640
Lithium	*	1.4	3.0		23.2	µg/L	5	07/10/2025 11:39	241640
Molybdenum	NELAP	0.6	1.5		6.6	µg/L	5	07/10/2025 11:39	241640
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 11:39	241640
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/10/2025 11:39	241640
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/09/2025 14:15	241644



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-017
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: APW14
Collection Date: 07/07/2025 12:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		21.18	ft	1	07/07/2025 12:24	R368197
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		14	NTU	1	07/07/2025 12:24	R368197
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		140	mV	1	07/07/2025 12:24	R368197
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2300	µS/cm	1	07/07/2025 12:24	R368197
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		20.7	°C	1	07/07/2025 12:24	R368197
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.44	mg/L	1	07/07/2025 12:24	R368197
SW-846 9040B FIELD									
pH	*	0	1.00		6.66		1	07/07/2025 12:24	R368197
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		447	mg/L	1	07/10/2025 11:40	R367921
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/10/2025 11:40	R367921
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	20	25		1110	mg/L	1.25	07/09/2025 14:22	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.34	mg/L	10	07/09/2025 15:32	R367903
Chloride	NELAP	1.00	5.00		32.8	mg/L	10	07/09/2025 15:32	R367903
Sulfate	NELAP	0.99	10.0		262	mg/L	10	07/09/2025 15:32	R367903
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		148	mg/L	1	07/10/2025 17:24	241640
Magnesium	NELAP	0.006	0.050		69.0	mg/L	1	07/10/2025 17:24	241640
Potassium	NELAP	0.040	0.100		1.66	mg/L	1	07/10/2025 17:24	241640
Sodium	NELAP	0.018	0.050		138	mg/L	1	07/10/2025 17:24	241640
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	07/10/2025 11:45	241640
Arsenic	NELAP	0.4	1.0		6.2	µg/L	5	07/14/2025 19:15	241750
Barium	NELAP	0.7	1.0		51.0	µg/L	5	07/10/2025 11:45	241640
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 11:45	241640
Boron	NELAP	9.2	25.0		94.3	µg/L	5	07/10/2025 11:45	241640
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 11:45	241640
Chromium	NELAP	0.7	1.5	J	1.3	µg/L	5	07/10/2025 11:45	241640
Cobalt	NELAP	0.1	1.0	J	0.2	µg/L	5	07/10/2025 11:45	241640
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 11:45	241640
Lithium	*	1.4	3.0		18.3	µg/L	5	07/10/2025 11:45	241640
Molybdenum	NELAP	0.6	1.5		3.8	µg/L	5	07/10/2025 11:45	241640
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 11:45	241640
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/10/2025 11:45	241640
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/09/2025 14:17	241644



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-018
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: APW15
Collection Date: 07/07/2025 11:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		21.29	ft	1	07/07/2025 11:33	R368197
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		39	NTU	1	07/07/2025 11:33	R368197
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-85	mV	1	07/07/2025 11:33	R368197
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1820	µS/cm	1	07/07/2025 11:33	R368197
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		20.2	°C	1	07/07/2025 11:33	R368197
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.69	mg/L	1	07/07/2025 11:33	R368197
SW-846 9040B FIELD									
pH	*	0	1.00		6.91		1	07/07/2025 11:33	R368197
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		708	mg/L	1	07/10/2025 13:55	R367921
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/10/2025 13:55	R367921
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	32	40		1200	mg/L	2	07/09/2025 14:24	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.47	mg/L	10	07/09/2025 15:45	R367903
Chloride	NELAP	1.00	5.00		277	mg/L	10	07/09/2025 15:45	R367903
Sulfate	NELAP	0.99	10	J	1.1	mg/L	10	07/09/2025 15:45	R367903
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		100	mg/L	1	07/10/2025 17:25	241640
Magnesium	NELAP	0.006	0.050		39.0	mg/L	1	07/10/2025 17:25	241640
Potassium	NELAP	0.040	0.100		3.48	mg/L	1	07/10/2025 17:25	241640
Sodium	NELAP	0.018	0.050		308	mg/L	1	07/10/2025 17:25	241640
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		1.7	µg/L	5	07/10/2025 12:54	241640
Arsenic	NELAP	0.4	1.0		29.1	µg/L	5	07/12/2025 3:33	241751
Barium	NELAP	0.7	1.0		568	µg/L	5	07/10/2025 12:54	241640
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 12:54	241640
Boron	NELAP	9.2	25.0		127	µg/L	5	07/10/2025 12:54	241640
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 12:54	241640
Chromium	NELAP	0.7	1.5		3.7	µg/L	5	07/10/2025 12:54	241640
Cobalt	NELAP	0.1	1.0	J	0.9	µg/L	5	07/10/2025 12:54	241640
Lead	NELAP	0.6	1.0	J	0.9	µg/L	5	07/10/2025 12:54	241640
Lithium	*	1.4	3.0		5.1	µg/L	5	07/10/2025 12:54	241640
Molybdenum	NELAP	0.6	1.5		3.9	µg/L	5	07/10/2025 12:54	241640
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 12:54	241640
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/10/2025 12:54	241640
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/09/2025 14:20	241644



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-019
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: APW16
Collection Date: 07/07/2025 10:52

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		40.26	ft	1	07/07/2025 10:52	R368197
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		50	NTU	1	07/07/2025 10:52	R368197
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-44	mV	1	07/07/2025 10:52	R368197
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1210	µS/cm	1	07/07/2025 10:52	R368197
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.9	°C	1	07/07/2025 10:52	R368197
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.74	mg/L	1	07/07/2025 10:52	R368197
SW-846 9040B FIELD									
pH	*	0	1.00		7.20		1	07/07/2025 10:52	R368197
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		635	mg/L	1	07/10/2025 13:14	R367921
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/10/2025 13:14	R367921
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		830	mg/L	1	07/09/2025 14:24	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.81	mg/L	10	07/09/2025 15:57	R367903
Chloride	NELAP	1.00	5.00		67.6	mg/L	10	07/09/2025 15:57	R367903
Sulfate	NELAP	0.99	10	J	1.7	mg/L	10	07/09/2025 15:57	R367903
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		110	mg/L	1	07/10/2025 17:27	241640
Magnesium	NELAP	0.006	0.050		46.9	mg/L	1	07/10/2025 17:27	241640
Potassium	NELAP	0.040	0.100		2.17	mg/L	1	07/10/2025 17:27	241640
Sodium	NELAP	0.018	0.050		151	mg/L	1	07/10/2025 17:27	241640
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0	J	0.6	µg/L	5	07/10/2025 13:01	241640
Arsenic	NELAP	0.4	1.0		24.1	µg/L	5	07/12/2025 3:39	241751
Barium	NELAP	0.7	1.0		584	µg/L	5	07/10/2025 13:01	241640
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 13:01	241640
Boron	NELAP	9.2	25.0		134	µg/L	5	07/10/2025 13:01	241640
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 13:01	241640
Chromium	NELAP	0.7	1.5	J	1.0	µg/L	5	07/10/2025 13:01	241640
Cobalt	NELAP	0.1	1.0	J	0.3	µg/L	5	07/10/2025 13:01	241640
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 13:01	241640
Lithium	*	1.4	3.0	J	2.9	µg/L	5	07/10/2025 13:01	241640
Molybdenum	NELAP	0.6	1.5		< 1.5	µg/L	5	07/10/2025 13:01	241640
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 13:01	241640
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/10/2025 13:01	241640
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/09/2025 14:22	241644



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-020
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: APW17
Collection Date: 07/07/2025 13:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		41.26	ft	1	07/07/2025 13:10	R368197
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		50	NTU	1	07/07/2025 13:10	R368197
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-48	mV	1	07/07/2025 13:10	R368197
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1080	µS/cm	1	07/07/2025 13:10	R368197
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		21.5	°C	1	07/07/2025 13:10	R368197
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.78	mg/L	1	07/07/2025 13:10	R368197
SW-846 9040B FIELD									
pH	*	0	1.00		7.22		1	07/07/2025 13:10	R368197
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		517	mg/L	1	07/10/2025 12:28	R367921
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/10/2025 12:28	R367921
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		728	mg/L	1	07/09/2025 14:24	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.62	mg/L	10	07/09/2025 16:10	R367903
Chloride	NELAP	1.00	5.00		52.0	mg/L	10	07/09/2025 16:10	R367903
Sulfate	NELAP	0.99	10.0		64.0	mg/L	10	07/09/2025 16:10	R367903
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		116	mg/L	1	07/10/2025 17:28	241640
Magnesium	NELAP	0.006	0.050		46.9	mg/L	1	07/10/2025 17:28	241640
Potassium	NELAP	0.040	0.100		1.91	mg/L	1	07/10/2025 17:28	241640
Sodium	NELAP	0.018	0.050		89.8	mg/L	1	07/10/2025 17:28	241640
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	07/10/2025 13:07	241640
Arsenic	NELAP	0.4	1.0		24.0	µg/L	5	07/12/2025 3:46	241751
Barium	NELAP	0.7	1.0		539	µg/L	5	07/10/2025 13:07	241640
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 13:07	241640
Boron	NELAP	9.2	25.0		83.5	µg/L	5	07/10/2025 13:07	241640
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 13:07	241640
Chromium	NELAP	0.7	1.5	J	1.0	µg/L	5	07/10/2025 13:07	241640
Cobalt	NELAP	0.1	1.0	J	0.1	µg/L	5	07/10/2025 13:07	241640
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 13:07	241640
Lithium	*	1.4	3.0	J	2.3	µg/L	5	07/10/2025 13:07	241640
Molybdenum	NELAP	0.6	1.5		5.4	µg/L	5	07/10/2025 13:07	241640
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 13:07	241640
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/10/2025 13:07	241640
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/09/2025 14:24	241644



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-021
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: APW18
Collection Date: 07/07/2025 14:16

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		51.84	ft	1	07/07/2025 14:16	R368197
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		90	NTU	1	07/07/2025 14:16	R368197
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-97	mV	1	07/07/2025 14:16	R368197
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		937	µS/cm	1	07/07/2025 14:16	R368197
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		20.4	°C	1	07/07/2025 14:16	R368197
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.72	mg/L	1	07/07/2025 14:16	R368197
SW-846 9040B FIELD									
pH	*	0	1.00		7.56		1	07/07/2025 14:16	R368197
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		502	mg/L	1	07/10/2025 12:37	R367921
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/10/2025 12:37	R367921
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		652	mg/L	1	07/09/2025 14:24	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.65	mg/L	10	07/09/2025 16:22	R367903
Chloride	NELAP	1.00	5.00		23.2	mg/L	10	07/09/2025 16:22	R367903
Sulfate	NELAP	0.99	10.0		47.9	mg/L	10	07/09/2025 16:22	R367903
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		81.9	mg/L	1	07/10/2025 17:30	241640
Magnesium	NELAP	0.006	0.050		38.3	mg/L	1	07/10/2025 17:30	241640
Potassium	NELAP	0.040	0.100		1.94	mg/L	1	07/10/2025 17:30	241640
Sodium	NELAP	0.018	0.050		106	mg/L	1	07/10/2025 17:30	241640
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	07/10/2025 13:13	241640
Arsenic	NELAP	0.4	1.0		1.9	µg/L	5	07/12/2025 3:52	241751
Barium	NELAP	0.7	1.0		387	µg/L	5	07/10/2025 13:13	241640
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 13:13	241640
Boron	NELAP	9.2	25.0		115	µg/L	5	07/10/2025 13:13	241640
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 13:13	241640
Chromium	NELAP	0.7	1.5		3.9	µg/L	5	07/10/2025 13:13	241640
Cobalt	NELAP	0.1	1.0	J	0.4	µg/L	5	07/10/2025 13:13	241640
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 13:13	241640
Lithium	*	1.4	3.0		6.0	µg/L	5	07/10/2025 13:13	241640
Molybdenum	NELAP	0.6	1.5		4.5	µg/L	5	07/10/2025 13:13	241640
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 13:13	241640
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/10/2025 13:13	241640
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/09/2025 14:27	241644



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-071
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: SG02
Collection Date: 07/01/2025 11:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		1.76	ft	1	07/01/2025 11:15	R368197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-072
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: XSG01
Collection Date: 07/01/2025 11:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		Dry	ft	1	07/01/2025 11:32	R368197



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-073
Matrix: AQUEOUS

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: Field Blank
Collection Date: 07/09/2025 13:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		1	mg/L	1	07/16/2025 11:54	R368204
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/16/2025 11:54	R368204
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		< 20	mg/L	1	07/10/2025 11:34	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.08	mg/L	10	07/14/2025 12:06	R368075
Chloride	NELAP	1.00	5.00		ND	mg/L	10	07/14/2025 12:06	R368075
Sulfate	NELAP	0.99	10.0		ND	mg/L	10	07/14/2025 12:06	R368075
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		< 0.100	mg/L	1	07/11/2025 21:55	241709
Magnesium	NELAP	0.006	0.050	J	0.006	mg/L	1	07/15/2025 19:56	241709
Potassium	NELAP	0.040	0.100		< 0.100	mg/L	1	07/11/2025 21:55	241709
Sodium	NELAP	0.018	0.050		< 0.050	mg/L	1	07/15/2025 19:56	241709
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	07/12/2025 0:12	241709
Arsenic	NELAP	0.4	1.0		< 1.0	µg/L	5	07/14/2025 16:19	241709
Barium	NELAP	0.7	1.0		< 1.0	µg/L	5	07/12/2025 0:12	241709
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/12/2025 0:12	241709
Boron	NELAP	9.2	25.0		< 25.0	µg/L	5	07/12/2025 0:12	241709
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/12/2025 0:12	241709
Chromium	NELAP	0.7	1.5	J	0.7	µg/L	5	07/12/2025 0:12	241709
Cobalt	NELAP	0.1	1.0		< 1.0	µg/L	5	07/12/2025 0:12	241709
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	07/12/2025 0:12	241709
Lithium	*	1.4	3.0		< 3.0	µg/L	5	07/12/2025 0:12	241709
Molybdenum	NELAP	0.6	1.5		< 1.5	µg/L	5	07/12/2025 0:12	241709
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/12/2025 0:12	241709
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/12/2025 0:12	241709
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/10/2025 18:24	241711



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-075
Matrix: GROUNDWATER

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: APW10 Duplicate
Collection Date: 07/07/2025 11:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		17.98	ft	1	07/07/2025 11:58	R368197
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		11	NTU	1	07/07/2025 11:58	R368197
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		137	mV	1	07/07/2025 11:58	R368197
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1630	µS/cm	1	07/07/2025 11:58	R368197
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.7	°C	1	07/07/2025 11:58	R368197
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.23	mg/L	1	07/07/2025 11:58	R368197
SW-846 9040B FIELD									
pH	*	0	1.00		7.16		1	07/07/2025 11:58	R368197
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		397	mg/L	1	07/10/2025 11:56	R367921
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/10/2025 11:56	R367921
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	23	29		1160	mg/L	1.43	07/09/2025 14:24	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.30	mg/L	10	07/09/2025 18:54	R367903
Chloride	NELAP	1.00	5.00		44.2	mg/L	10	07/09/2025 18:54	R367903
Sulfate	NELAP	0.99	10.0		423	mg/L	10	07/09/2025 18:54	R367903
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		131	mg/L	1	07/11/2025 22:37	241751
Magnesium	NELAP	0.006	0.050		68.4	mg/L	1	07/10/2025 15:56	241641
Potassium	NELAP	0.040	0.100		1.68	mg/L	1	07/11/2025 22:37	241751
Sodium	NELAP	0.018	0.050		111	mg/L	1	07/11/2025 22:37	241751
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	07/10/2025 17:43	241641
Arsenic	NELAP	0.4	1.0		7.9	µg/L	5	07/12/2025 4:36	241751
Barium	NELAP	0.7	1.0		40.9	µg/L	5	07/10/2025 17:43	241641
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 17:43	241641
Boron	NELAP	9.2	25.0		87.1	µg/L	5	08/04/2025 18:15	242779
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/12/2025 4:36	241751
Chromium	NELAP	0.7	1.5		2.0	µg/L	5	07/10/2025 17:43	241641
Cobalt	NELAP	0.1	1.0	J	0.6	µg/L	5	07/10/2025 17:43	241641
Lead	NELAP	0.6	1.0	J	0.6	µg/L	5	07/10/2025 17:43	241641
Lithium	*	1.4	3.0		23.3	µg/L	5	07/12/2025 4:36	241751
Molybdenum	NELAP	0.6	1.5		7.3	µg/L	5	07/12/2025 4:36	241751
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 17:43	241641
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/10/2025 17:43	241641
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/09/2025 15:20	241645



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-081
Matrix: AQUEOUS

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: Equipment Blank 1
Collection Date: 07/08/2025 14:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		2	mg/L	1	07/15/2025 11:07	R368134
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/15/2025 11:07	R368134
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		< 20	mg/L	1	07/09/2025 14:55	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	07/09/2025 19:58	R367903
Chloride	NELAP	1.00	5.00		ND	mg/L	10	07/09/2025 19:58	R367903
Sulfate	NELAP	0.99	10.0		ND	mg/L	10	07/09/2025 19:58	R367903
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		0.251	mg/L	1	07/11/2025 22:39	241751
Magnesium	NELAP	0.006	0.050	J	0.040	mg/L	1	07/10/2025 15:58	241641
Potassium	NELAP	0.040	0.100		< 0.100	mg/L	1	07/11/2025 22:39	241751
Sodium	NELAP	0.018	0.050		0.052	mg/L	1	07/11/2025 22:39	241751
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	07/10/2025 17:50	241641
Arsenic	NELAP	0.4	1.0		< 1.0	µg/L	5	07/12/2025 4:42	241751
Barium	NELAP	0.7	1.0		2.5	µg/L	5	07/10/2025 17:50	241641
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/10/2025 17:50	241641
Boron	NELAP	9.2	25.0		< 25.0	µg/L	5	07/10/2025 17:50	241641
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/12/2025 4:42	241751
Chromium	NELAP	0.7	1.5	J	0.9	µg/L	5	07/10/2025 17:50	241641
Cobalt	NELAP	0.1	1.0		< 1.0	µg/L	5	07/10/2025 17:50	241641
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 17:50	241641
Lithium	*	1.4	3.0		< 3.0	µg/L	5	07/12/2025 4:42	241751
Molybdenum	NELAP	0.6	1.5		< 1.5	µg/L	5	07/12/2025 4:42	241751
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/10/2025 17:50	241641
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/10/2025 17:50	241641
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/09/2025 16:36	241652



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061769-082
Matrix: AQUEOUS

Work Order: 25061769
Report Date: 08-Aug-25
Client Sample ID: Equipment Blank 2
Collection Date: 07/09/2025 12:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		2	mg/L	1	07/15/2025 10:44	R368134
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	07/15/2025 10:44	R368134
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20	J	16	mg/L	1	07/10/2025 11:35	R367984
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	07/10/2025 20:02	R367939
Chloride	NELAP	1.00	5.00		ND	mg/L	10	07/10/2025 20:02	R367939
Sulfate	NELAP	0.99	10.0		ND	mg/L	10	07/10/2025 20:02	R367939
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		< 0.100	mg/L	1	07/11/2025 21:57	241709
Magnesium	NELAP	0.006	0.050	J	0.011	mg/L	1	07/15/2025 19:58	241709
Potassium	NELAP	0.040	0.100		< 0.100	mg/L	1	07/11/2025 21:57	241709
Sodium	NELAP	0.018	0.050	J	0.045	mg/L	1	07/15/2025 19:58	241709
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	07/12/2025 0:24	241709
Arsenic	NELAP	0.4	1.0		< 1.0	µg/L	5	07/14/2025 17:03	241709
Barium	NELAP	0.7	1.0		< 1.0	µg/L	5	07/12/2025 0:24	241709
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/12/2025 0:24	241709
Boron	NELAP	9.2	25.0		< 25.0	µg/L	5	07/12/2025 0:24	241709
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	07/12/2025 0:24	241709
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	08/04/2025 18:38	242779
Cobalt	NELAP	0.1	1.0		< 1.0	µg/L	5	07/12/2025 0:24	241709
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	07/12/2025 0:24	241709
Lithium	*	1.4	3.0		< 3.0	µg/L	5	07/12/2025 0:24	241709
Molybdenum	NELAP	0.6	1.5		< 1.5	µg/L	5	07/12/2025 0:24	241709
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	07/12/2025 0:24	241709
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	07/12/2025 0:24	241709
Contamination present in the CCB for Cu Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	07/10/2025 18:35	241711



Sample Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3

Work Order: 25061769
Report Date: 08-Aug-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25061769-004	APW02	Groundwater	4	07/07/2025 12:28
25061769-005	APW03	Groundwater	4	07/07/2025 10:47
25061769-006	APW04	Groundwater	4	07/07/2025 12:33
25061769-007	APW05	Groundwater	2	07/07/2025 14:31
25061769-008	APW05S	Groundwater	2	07/07/2025 13:59
25061769-009	APW06	Groundwater	2	07/07/2025 13:12
25061769-010	APW07	Groundwater	2	07/09/2025 10:28
25061769-011	APW08	Groundwater	2	07/07/2025 14:08
25061769-012	APW09	Groundwater	2	07/07/2025 11:22
25061769-013	APW10	Groundwater	2	07/07/2025 11:58
25061769-014	APW11	Groundwater	2	07/07/2025 10:42
25061769-015	APW12	Groundwater	2	07/07/2025 11:14
25061769-016	APW13	Groundwater	2	07/07/2025 13:13
25061769-017	APW14	Groundwater	2	07/07/2025 12:24
25061769-018	APW15	Groundwater	2	07/07/2025 11:33
25061769-019	APW16	Groundwater	2	07/07/2025 10:52
25061769-020	APW17	Groundwater	2	07/07/2025 13:10
25061769-021	APW18	Groundwater	2	07/07/2025 14:16
25061769-071	SG02	Groundwater	1	07/01/2025 11:15
25061769-072	XSG01	Groundwater	1	07/01/2025 11:32
25061769-073	Field Blank	Aqueous	15	07/09/2025 13:15
25061769-075	APW10 Duplicate	Groundwater	2	07/07/2025 11:58
25061769-081	Equipment Blank 1	Aqueous	9	07/08/2025 14:30
25061769-082	Equipment Blank 2	Aqueous	9	07/09/2025 12:50



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

STANDARD METHODS 2510 B FIELD

Batch R368197		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-1-AL											
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	07/01/2025	

Batch R368197		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		1430	1412	0	101.5	90	110	07/01/2025	

Batch R368197		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	100.1	90	110	07/01/2025

Batch R368197		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-2-AL											
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	07/02/2025	

Batch R368197		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		1420	1412	0	100.6	90	110	07/02/2025

Batch R368197		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	99.8	90	110	07/02/2025	

Batch R368197		SampType: LCS		Units µS/cm							
SampID: LCS-3-AL											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field		*	0		1380	1412	0	97.7	90	110	07/07/2025

Batch R368197		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-3-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1420	1412	0	100.7	90	110	07/07/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

STANDARD METHODS 2510 B FIELD

Batch R368197		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-3-JC											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Spec. Conductance, Field	*	0		1410	1412	0	99.9	90	110	07/07/2025	

Batch R368197		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-4-AL											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	99.7	90	110	07/08/2025	

Batch R368197		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		1420	1412	0	100.5	90	110	07/08/2025

Batch R368197		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-4-JC											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	99.7	90	110	07/08/2025	

Batch R368197		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-5-AL											
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	07/09/2025

Batch R368197		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-5-BG											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Spec. Conductance, Field		*	0		1420	1412	0	100.7	90	110	07/09/2025

Batch R368197		SampType: LCS		Units µS/cm							
SampID: LCS-5-JC											
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	07/09/2025	

Batch R368197		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-6-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1430	1412	0	101.4	90	110	07/17/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW-846 9040B FIELD

Batch R368197		SampType: LCS		Units							
SampID: LCS-1-AL											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
pH	*	1.00	S	7.12	7.000	0	101.7	98.57	101.4	07/01/2025	

Batch R368197		SampType: LCS		Units							
SampID: LCS-1-BG											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		6.98	7.000	0	99.7	98.57	101.4	07/01/2025	

Batch R368197		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		7.04	7.000	0	100.6	98.57	101.4	07/01/2025	

Batch R368197		SampType: LCS		Units							
SampID: LCS-2-AL											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.09	7.000	0	101.3	98.57	101.4	07/02/2025	

Batch R368197		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		6.98	7.000	0	99.7	98.57	101.4	07/02/2025	

Batch R368197		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		6.98	7.000	0	99.7	98.57	101.4	07/02/2025	

Batch R368197		SampType: LCS		Units							
SampID: LCS-3-AL											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.06	7.000	0	100.9	98.57	101.4	07/07/2025	

Batch R368197		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		7.03	7.000	0	100.4	98.57	101.4	07/07/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW-846 9040B FIELD

Batch R368197		SampType: LCS		Units								Date
SampID: LCS-3-JC												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		7.04	7.000	0	100.6	98.57	101.4			
												07/07/2025

Batch R368197		SampType: LCS		Units								Date
SampID: LCS-4-AL												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		7.06	7.000	0	100.9	98.57	101.4			
												07/08/2025

Batch R368197		SampType: LCS		Units								Date
SampID: LCS-4-BG												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		7.04	7.000	0	100.6	98.57	101.4			
												07/08/2025

Batch R368197		SampType: LCS		Units								Date
SampID: LCS-4-JC												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			
												07/08/2025

Batch R368197		SampType: LCS		Units								Date
SampID: LCS-5-AL												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			
												07/09/2025

Batch R368197		SampType: LCS		Units								Date
SampID: LCS-5-BG												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		7.03	7.000	0	100.4	98.57	101.4			
												07/09/2025

Batch R368197		SampType: LCS		Units								Date
SampID: LCS-5-JC												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		7.04	7.000	0	100.6	98.57	101.4			
												07/09/2025

Batch R368197		SampType: LCS		Units								Date
SampID: LCS-6-BG												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		7.04	7.000	0	100.6	98.57	101.4			
												07/17/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

EPA 600 350.1 (DISSOLVED)

Batch R367672		SampType: MS		Units mg/L							
SampID: 25061769-044EMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Ammonia (as N)		0.10	S	1.73	2.000	0.04240	84.4	90	110	07/07/2025	

Batch R367672		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 25061769-044EMSD											
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	0.04240	91.8	1.731	8.10	07/07/2025

Batch R367985		SampType: MS		Units mg/L							
SampID: 25061769-002LMS											
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	4.774	90.9	90	110	07/11/2025

Batch R367985		SampType: MSD		Units mg/L		RPD Limit: 10					Date Analyzed	
SampID: 25061769-002LMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Ammonia (as N)			0.50		14.0	10.00	4.774	92.0	13.86	0.81	07/11/2025	

Batch R367985		SampType: MS		Units mg/L							
SampID: 25070721-001EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.86	2.000	0	93.1	90	110	07/11/2025	

Batch R367985		SampType: MSD		Units mg/L				RPD Limit: 10			Date Analyzed	
SampID: 25070721-001EMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Ammonia (as N)				0.10		1.85	2.000	0	92.5	1.861	0.65	07/11/2025

EPA 600 350.1 (TOTAL)

Batch R367567		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	07/02/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

EPA 600 350.1 (TOTAL)

Batch R367567		SampType: LCS		Units mg/L							
SampID: ICV/LCS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Nitrogen, Ammonia (as N)		0.10		0.96	1.000	0	96.3	90	110	07/02/2025	

Batch R367567		SampType: MS		Units mg/L						
SampID: 25070020-004AMS										
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	0.09240	90.5	90	110	07/02/2025

Batch R367567		SampType: MSD		Units mg/L				RPD Limit: 10				
SampID: 25070020-004AMSD												Date
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Analyzed	
Nitrogen, Ammonia (as N)			0.10		1.90	2.000	0.09240	90.5	1.902	0.02	07/02/2025	

Batch R367567		SampType: MS		Units mg/L								
SampID: 25070044-007CMS												Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed		
Nitrogen, Ammonia (as N)		0.10		4.66	2.000	2.781	94.1	90	110	07/02/2025		

Batch R367567		SampType: MSD		Units mg/L				RPD Limit: 10				
SampID: 25070044-007CMSD												Date
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Analyzed	
Nitrogen, Ammonia (as N)			0.10		4.66	2.000	2.781	94.2	4.663	0.02	07/02/2025	

Batch R367567		SampType: MS		Units mg/L							
SampID: 25070057-007BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.84	2.000	0	92.0	90	110	07/02/2025	

Batch R367567		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 25070057-007BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		1.86	2.000	0	93.2	1.839	1.30	07/02/2025

Batch R367567		SampType: MS		Units mg/L							
SampID: 25070097-001EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.91	2.000	0.04130	93.6	90	110	07/02/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

EPA 600 350.1 (TOTAL)

Batch R367567		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 25070097-001EMSD											
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	0.04130	91.9	1.914	1.85	07/02/2025

Batch R367567		SampType: MS		Units mg/L							
SampID: 25070161-001BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Ammonia (as N)		0.10		1.82	2.000	0	90.8	90	110	07/02/2025	

Batch R367567		SampType: MSD		Units mg/L				RPD Limit: 10				Date Analyzed
SampID: 25070161-001BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Ammonia (as N)				0.10		1.84	2.000	0	92.1	1.816	1.38	07/02/2025

Batch R367672		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	07/07/2025

Batch R367672		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		0.96	1.000	0	96.4	90	110	07/07/2025	

Batch R367672		SampType: MS		Units mg/L							
SampID: 25070332-003BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.81	2.000	0	90.7	90	110	07/07/2025	

Batch R367672		SampType: MSD		Units mg/L		RPD Limit: 10					Date Analyzed
SampID: 25070332-003BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Ammonia (as N)			0.10		1.82	2.000	0	91.0	1.814	0.39	07/07/2025

Batch R367672		SampType: MS		Units mg/L							
SampID: 25070338-002CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.88	2.000	0.03390	92.1	90	110	07/07/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

EPA 600 350.1 (TOTAL)

Batch R367672		SampType: MSD		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 25070338-002CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Ammonia (as N)		0.10		1.87	2.000	0.03390	91.9	1.876	0.26	07/07/2025	

Batch R367672		SampType: MS		Units mg/L							
SampID: 25070369-001AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Ammonia (as N)		0.10		1.85	2.000	0	92.3	90	110	07/07/2025	

Batch R367672		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 25070369-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		1.84	2.000	0	91.9	1.847	0.46	07/07/2025

Batch R367758		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	07/08/2025	

Batch R367758		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		1.02	1.000	0	101.9	90	110	07/08/2025	

Batch R367758		SampType: MS		Units mg/L							
SampID: 25070229-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10	E	5.33	2.000	3.407	96.2	90	110	07/08/2025	

Batch R367758		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 25070229-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10	E	5.33	2.000	3.407	96.0	5.331	0.10	07/08/2025

Batch R367758		SampType: MS		Units mg/L							
SampID: 25070370-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.20		5.40	4.000	1.558	95.9	90	110	07/08/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

EPA 600 350.1 (TOTAL)

Batch R367758		SampType: MSD		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 25070370-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Ammonia (as N)			0.20		5.39	4.000	1.558	95.7	5.395	0.17	07/08/2025

Batch R367758		SampType: MS		Units mg/L							
SampID: 25070385-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		2.64	2.000	0.7570	94.0	90	110	07/08/2025	

Batch R367758		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 25070385-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		2.64	2.000	0.7570	94.2	2.638	0.15	07/08/2025

Batch R367758		SampType: MS		Units mg/L							
SampID: 25070519-003AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		2.08	2.000	0.2223	92.8	90	110	07/08/2025	

Batch R367758		SampType: MSD		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 25070519-003AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Ammonia (as N)			0.10		2.08	2.000	0.2223	92.8	2.078	0.01	07/08/2025

Batch R367883		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	07/09/2025	

Batch R367883		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		1.03	1.000	0	103.4	90	110	07/09/2025	

Batch R367883		SampType: MS		Units mg/L							
SampID: 25070616-007BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.88	2.000	0.02840	92.7	90	110	07/09/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

EPA 600 350.1 (TOTAL)

Batch R367883		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 25070616-007BMSD											
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	0.02840	93.6	1.882	0.94	07/09/2025

Batch R367883		SampType: MS		Units mg/L							
SampID: 25070657-001AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Ammonia (as N)		0.10		2.24	2.000	0.3290	95.3	90	110	07/09/2025	

Batch R367883		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 25070657-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		2.19	2.000	0.3290	93.2	2.235	1.88	07/09/2025

Batch R367985		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	07/11/2025	

Batch R367985		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		1.04	1.000	0	103.5	90	110	07/11/2025

Batch R367985		SampType: MS		Units mg/L							
SampID: 25070683-002BMS											
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	0.03210	93.0	90	110	07/11/2025	

Batch R367985		SampType: MSD		Units mg/L		RPD Limit: 10					
SampID: 25070683-002BMSD											
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	0.03210	93.6	1.892	0.62	07/11/2025

Batch R367985		SampType: MS		Units mg/L							
SampID: 25070808-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.88	2.000	0	94.0	90	110	07/11/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

EPA 600 350.1 (TOTAL)

Batch R367985		SampType: MSD		Units mg/L		RPD Limit: 10					
SampID: 25070808-001AMSD											
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	94.0	1.880	0.04	07/11/2025

Batch R367985		SampType: MS		Units mg/L							
SampID: 25070953-003BMS											
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	94.5	90	110	07/11/2025	

Batch R367985		SampType: MSD		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 25070953-003BMSD											
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	94.7	1.890	0.18	07/11/2025

STANDARD METHODS 2540 C (TOTAL) 2020

Batch R367615		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	07/02/2025	

Batch R367615		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		258	250.0	0	103.2	90	110	07/02/2025	

Batch R367615		SampType: DUP		Units mg/L		RPD Limit: 10					
SampID: 25061769-026ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		1910				1914	0.10	07/02/2025

Batch R367615		SampType: DUP		Units mg/L				RPD Limit: 10			
SampID: 25070157-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			40		4080				4056	0.49	07/02/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

STANDARD METHODS 2540 C (TOTAL) 2020

Batch R367697		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	07/03/2025	

Batch R367697		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		254	250.0	0	101.6	90	110	07/03/2025	

Batch R367697		SampType: DUP		Units mg/L				RPD Limit: 10				Date Analyzed
SampID: 25061769-051FDUP												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids			40		912				952.0	4.29	07/03/2025	

Batch R367984		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	07/09/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	07/09/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	07/09/2025	

Batch R367984		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		254	250.0	0	101.6	90	110	07/09/2025	
Total Dissolved Solids		20		268	250.0	0	107.2	90	110	07/09/2025	
Total Dissolved Solids		20		252	250.0	0	100.8	90	110	07/09/2025	

Batch R367984		SampType: DUP		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 25061769-019ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Total Dissolved Solids			20		828				830.0	0.24	07/09/2025

Batch R367984		SampType: DUP		Units mg/L				RPD Limit: 10			
SampID: 25061769-023ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		982				972.0	1.02	07/09/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

STANDARD METHODS 2540 C (TOTAL) 2020

Batch R367990		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	07/10/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	07/11/2025	

Batch R367990		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		242	250.0	0	96.8	90	110	07/10/2025	
Total Dissolved Solids		20		252	250.0	0	100.8	90	110	07/11/2025	

Batch R367990		SampType: DUP		Units mg/L					RPD Limit: 10		
SampID: 25070721-002BDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		856				840.0	1.89	07/10/2025

Batch R367990		SampType: DUP		Units mg/L					RPD Limit: 10		
SampID: 25070886-005BDUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Dissolved Solids		20		628				628.0	0.00	07/11/2025	

Batch R368125		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	07/14/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	07/14/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	07/14/2025	

Batch R368125		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		252	250.0	0	100.8	90	110	07/14/2025	
Total Dissolved Solids		20		270	250.0	0	108.0	90	110	07/14/2025	
Total Dissolved Solids		20		248	250.0	0	99.2	90	110	07/14/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

STANDARD METHODS 2540 C (TOTAL) 2020

Batch R368125		SampType: DUP		Units mg/L				RPD Limit: 10			
SampleID: 25070626-001ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Dissolved Solids		20		662				636.0	4.01	07/14/2025	

Batch R368125		SampType: DUP		Units mg/L				RPD Limit: 10			
SampleID: 25070627-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			500		48200				49300	2.26	07/14/2025

Batch R368125		SampType: DUP		Units mg/L				RPD Limit: 10			
SampleID: 25070854-005ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			200		21900				22420	2.35	07/14/2025

Batch R368125		SampType: DUP		Units mg/L				RPD Limit: 10			
SampleID: 25070923-001BDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			33		621				671.3	7.75	07/14/2025

Batch R368125		SampType: DUP		Units mg/L				RPD Limit: 10			
SampleID: 25070924-012BDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			22		642				617.2	3.88	07/14/2025

Batch R368499		SampType: MBLK		Units mg/L							
SampleID: 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	07/21/2025
Total Dissolved Solids			20		< 20	16.00	0	0	-100	100	07/21/2025

Batch R368499		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		246	250.0	0	98.4	90	110	07/21/2025
Total Dissolved Solids			20		246	250.0	0	98.4	90	110	07/21/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

STANDARD METHODS 2540 C (TOTAL) 2020

Batch R368499		SampType: DUP		Units mg/L		RPD Limit: 10						Date Analyzed
SampID: 25070001-043ADUP												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Total Dissolved Solids		20		628				632.0	0.63			07/21/2025

Batch R368499		SampType: DUP		Units mg/L		RPD Limit: 10						Date Analyzed
SampID: 25071535-002BDUP												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Total Dissolved Solids		20		1100				1098	0.18			07/21/2025

Batch R368499		SampType: DUP		Units mg/L		RPD Limit: 10						Date Analyzed
SampID: 25071699-001ADUP												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Total Dissolved Solids		29		1830				1808	1.10			07/21/2025

STANDARD METHODS 4500-NO2 B (DISSOLVED) 2021

Batch R367582		SampType: MS		Units mg/L								Date Analyzed
SampID: 25061769-001HMS												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Nitrogen, Nitrite (as N)		0.05		0.49	0.5000	0	98.6	85	115			07/02/2025

Batch R367582		SampType: MSD		Units mg/L		RPD Limit: 10						Date Analyzed
SampID: 25061769-001HMSD												
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	98.4	0.4930	0.20			07/02/2025

Batch R367849		SampType: MS		Units mg/L								Date Analyzed
SampID: 25061769-041BMS												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Nitrogen, Nitrite (as N)		0.05		0.48	0.5000	0	95.0	85	115			07/09/2025

Batch R367849		SampType: MSD		Units mg/L		RPD Limit: 10						Date Analyzed
SampID: 25061769-041BMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Nitrogen, Nitrite (as N)		0.05		0.48	0.5000	0	95.4	0.4750	0.42			07/09/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

STANDARD METHODS 4500-NO2 B (DISSOLVED) 2021

Batch R367849 SampType: MS Units mg/L

SampID: 25070721-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0	106.2	85	115	07/09/2025

Batch R367849 SampType: MSD Units mg/L

RPD Limit: 10

SampID: 25070721-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0	106.0	0.5310	0.19	07/09/2025

Batch R367928 SampType: MS Units mg/L

SampID: 25061769-039BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	102.8	85	115	07/10/2025

Batch R367928 SampType: MSD Units mg/L

RPD Limit: 10

SampID: 25061769-039BMSD

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	102.0	0.5140	0.78	07/10/2025

Batch R367928 SampType: MS Units mg/L

SampID: 25061769-084BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	102.0	85	115	07/10/2025

Batch R367928 SampType: MSD Units mg/L

RPD Limit: 10

SampID: 25061769-084BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0	105.6	0.5100	3.47	07/10/2025

STANDARD METHODS 4500-NO2 B (TOTAL) 2021

Batch R367582 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	07/02/2025
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	07/02/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

STANDARD METHODS 4500-NO2 B (TOTAL) 2021

Batch	R367582	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		0.32	0.3045	0	104.8	90	110	07/02/2025	
Nitrogen, Nitrite (as N)			0.05		0.32	0.3045	0	104.8	90	110	07/02/2025	

Batch R367582		SampType: MS		Units mg/L						
SampID: 25070195-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	101.6	85	115	07/02/2025

Batch R367582		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 25070195-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.51	0.5000	0	101.6	0.5080	0.00	07/02/2025

Batch R367582		SampType: MS		Units mg/L							
SampID: 25070208-001AMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.51	0.5000	0.02600	97.0	85	115	07/02/2025

Batch R367582		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 25070208-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.52	0.5000	0.02600	98.0	0.5110	0.97	07/02/2025

Batch	R367849	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	07/09/2025	
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	07/09/2025	

Batch	R367849	SampType:	LCS	Units mg/L							
SampID:		LCS		Date Analyzed							
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Nitrogen, Nitrite (as N)			0.05		0.32	0.3045	0	103.4	90	110	
Nitrogen, Nitrite (as N)			0.05		0.32	0.3045	0	103.4	90	110	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

STANDARD METHODS 4500-NO2 B (TOTAL) 2021

Batch R367849 SampType: MS Units mg/L

SampID: 25070647-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	100.2	85	115	07/09/2025

Batch R367849 SampType: MSD Units mg/L

RPD Limit: 10

SampID: 25070647-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	100.2	0.5010	0.00	07/09/2025

Batch R367849 SampType: MS Units mg/L

SampID: 25070659-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	101.6	85	115	07/09/2025

Batch R367849 SampType: MSD Units mg/L

RPD Limit: 10

SampID: 25070659-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.50	0.5000	0	100.6	0.5080	0.99	07/09/2025

Batch R367928 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	07/10/2025
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	07/10/2025

Batch R367928 SampType: LCS Units mg/L

SampID: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.32	0.3045	0	106.7	90	110	07/10/2025
Nitrogen, Nitrite (as N)		0.05		0.33	0.3045	0	107.4	90	110	07/10/2025

Batch R367928 SampType: MS Units mg/L

SampID: 25061769-084AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	102.4	85	115	07/10/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

STANDARD METHODS 4500-NO2 B (TOTAL) 2021

Batch R367928		SampType: MSD		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 25061769-084AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrite (as N)		0.05		0.52	0.5000	0	103.2	0.5120	0.78	07/10/2025	

Batch R367928		SampType: MS		Units mg/L						
SampID: 25070837-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)		0.05		0.53	0.5000	0	106.4	85	115	07/10/2025

Batch R367928		SampType: MSD		Units mg/L				RPD Limit: 10			Date Analyzed	
SampID: 25070837-001AMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrite (as N)			0.05		0.52	0.5000	0	104.8	0.5320	1.52	07/10/2025	

STANDARD METHODS 4500-NO3 F (DISSOLVED) 2019

Batch R367679		SampType: MS		Units mg/L							
SampID: 25061769-060BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.239	0.2500	0	95.6	85	115	07/03/2025	

Batch R367679		SampType: MSD		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 25061769-060BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.247	0.2500	0	98.8	0.2390	3.29	07/03/2025

Batch R367924		SampType: MS		Units mg/L							
SampID: 25061769-049BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.279	0.2500	0.03000	99.6	85	115	07/09/2025	

Batch R367924		SampType: MSD		Units mg/L		RPD Limit: 10					Date Analyzed	
SampID: 25061769-049BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)				0.050	0.278	0.2500	0.03000	99.2	0.2790	0.36	07/09/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

STANDARD METHODS 4500-NO3 F (DISSOLVED) 2019

Batch R367924 SampType: MS Units mg/L

SampleID: 25061769-057BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.250	0.2500	0.01000	96.0	85	115	07/09/2025

Batch R367924 SampType: MSD Units mg/L

RPD Limit: 10

SampleID: 25061769-057BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.244	0.2500	0.01000	93.6	0.2500	2.43	07/09/2025

STANDARD METHODS 4500-NO3 F (TOTAL) 2019

Batch R367618 SampType: MBLK Units mg/L

SampleID: 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	07/02/2025

Batch R367618 SampType: LCS Units mg/L

SampleID: 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		0.498	0.5000	0	99.6	90	110	07/02/2025

Batch R367618 SampType: MS Units mg/L

SampleID: 25070170-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.593	0.2500	0.3360	102.8	90	110	07/02/2025

Batch R367618 SampType: MSD Units mg/L

RPD Limit: 10

SampleID: 25070170-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.592	0.2500	0.3360	102.4	0.5930	0.17	07/02/2025

Batch R367618 SampType: MS Units mg/L

SampleID: 25070208-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		30.2	12.50	18.31	95.2	90	110	07/02/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

STANDARD METHODS 4500-NO3 F (TOTAL) 2019

Batch R367618		SampType: MSD		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 25070208-001AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)		2.50		30.1	12.50	18.31	94.6	30.21	0.28	07/02/2025	

Batch R367679		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											Date 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		

Batch R367679		SampType: LCS		Units mg/L							
SampID: ICV/LCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.497	0.5000	0	99.4	90	110	07/03/2025	

Batch R367679		SampType: MS		Units mg/L							
SampID: 25070145-002CMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		2.50		24.2	12.50	11.44	101.8	90	110	07/03/2025	

Batch R367679		SampType: MSD		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 25070145-002CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)		2.50		23.8	12.50	11.44	98.6	24.16	1.65	07/03/2025	

Batch R367679		SampType: MS		Units mg/L							Date Analyzed
SampID: 25070229-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.500		5.04	2.500	2.554	99.5	90	110	07/03/2025	

Batch R367679		SampType: MSD		Units mg/L				RPD Limit: 10				Date Analyzed
SampID: 25070229-002BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)			0.500		5.02	2.500	2.554	98.7	5.042	0.42	07/03/2025	

Batch R367924		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, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	07/09/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

STANDARD METHODS 4500-NO3 F (TOTAL) 2019

Batch R367924 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		0.508	0.5000	0	101.6	90	110	07/09/2025

Batch R367924 SampType: MS Units mg/L

SampID: 25070497-008AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		23.1	12.50	11.49	92.6	90	110	07/09/2025

Batch R367924 SampType: MSD Units mg/L

RPD Limit: 10

SampID: 25070497-008AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		23.5	12.50	11.49	96.0	23.07	1.85	07/09/2025

Batch R367924 SampType: MS Units mg/L

SampID: 25070524-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		28.4	12.50	16.56	94.5	90	110	07/09/2025

Batch R367924 SampType: MSD Units mg/L

RPD Limit: 10

SampID: 25070524-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		28.3	12.50	16.56	94.2	28.36	0.10	07/09/2025

Batch R367924 SampType: MS Units mg/L

SampID: 25070659-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		32.0	12.50	19.83	97.1	90	110	07/09/2025

Batch R367924 SampType: MSD Units mg/L

RPD Limit: 10

SampID: 25070659-001AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		32.0	12.50	19.83	97.0	31.97	0.03	07/09/2025

Batch R368039 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	07/10/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

STANDARD METHODS 4500-NO3 F (TOTAL) 2019

Batch R368039 SampType: LCS Units mg/L

SampID: ICV/LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.522	0.5000	0	104.4	90	110	07/10/2025

Batch R368039 SampType: MS Units mg/L

SampID: 25061769-082AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	S	0.178	0.2500	0	71.2	85	115	07/10/2025

Batch R368039 SampType: MSD Units mg/L

RPD Limit: 10

SampID: 25061769-082AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050	R	0.242	0.2500	0	96.8	0.1780	30.48	07/10/2025

Batch R368039 SampType: MS Units mg/L

SampID: 25070705-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		3.98	2.500	1.647	93.3	90	110	07/10/2025

Batch R368039 SampType: MSD Units mg/L

RPD Limit: 10

SampID: 25070705-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		4.01	2.500	1.647	94.4	3.979	0.70	07/10/2025

Batch R368039 SampType: MS Units mg/L

SampID: 25070755-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00	S	9.88	5.000	5.426	89.0	90	110	07/10/2025

Batch R368039 SampType: MSD Units mg/L

RPD Limit: 10

SampID: 25070755-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		1.00		10.4	5.000	5.426	99.4	9.876	5.14	07/10/2025

Batch R368039 SampType: MS Units mg/L

SampID: 25070824-001AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.315	0.2500	0.06400	100.4	90	110	07/10/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

STANDARD METHODS 4500-NO3 F (TOTAL) 2019

Batch R368039		SampType: MSD		Units mg/L		RPD Limit: 10				
SampID: 25070824-001AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.307	0.2500	0.06400	97.2	0.3150	2.57	07/10/2025

Batch R368130		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											Date 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	07/14/2025

Batch R368130		SampType: LCS		Units mg/L							Date Analyzed	
SampID: ICB/LCS												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.490	0.5000	0	98.0	90	110	07/14/2025		

STANDARD METHODS 5220 D (TOTAL) 1997, 2011

Batch R367840		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	07/09/2025	

Batch R367840		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		206	219.0	0	94.2	90	110	07/09/2025	

Batch R367840		SampType: MS		Units mg/L							
SampID: 25070607-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chemical Oxygen Demand		100		998	1000	26.82	97.1	90	110	07/09/2025	

Batch R367840		SampType: MSD		Units mg/L		RPD Limit: 10					
SampID: 25070607-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand			100		998	1000	26.82	97.1	997.8	0.00	07/09/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

STANDARD METHODS 5220 D (TOTAL) 1997, 2011

Batch R367840 SampType: MS Units mg/L

SamplID: 25070607-003CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		1010	1000	0	101.5	90	110	07/09/2025

Batch R367840 SampType: MSD Units mg/L

RPD Limit: 10

SamplID: 25070607-003CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		1010	1000	0	101.1	1015	0.42	07/09/2025

Batch R367840 SampType: MS Units mg/L

SamplID: 25070607-005CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		994	1000	26.82	96.7	90	110	07/09/2025

Batch R367840 SampType: MSD Units mg/L

RPD Limit: 10

SamplID: 25070607-005CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		989	1000	26.82	96.2	993.5	0.43	07/09/2025

Batch R367914 SampType: MBLK Units mg/L

SamplID: 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	07/10/2025

Batch R367914 SampType: LCS Units mg/L

SamplID: 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	92.2	90	110	07/10/2025

Batch R367914 SampType: MS Units mg/L

SamplID: 25070726-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		1100	1000	127.2	97.3	90	110	07/10/2025

Batch R367914 SampType: MSD Units mg/L

RPD Limit: 10

SamplID: 25070726-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		1110	1000	127.2	98.6	1100	1.16	07/10/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

STANDARD METHODS 5220 D (TOTAL) 1997, 2011

Batch R367914 SampType: MS Units mg/L

SamplD: 25070735-005DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		1000	1000	0	100.2	90	110	07/10/2025

Batch R367914 SampType: MSD Units mg/L

RPD Limit: 10

SamplD: 25070735-005DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		976	1000	0	97.6	1002	2.59	07/10/2025

Batch R368056 SampType: MBLK Units mg/L

SamplD: 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	07/14/2025

Batch R368056 SampType: LCS Units mg/L

SamplD: LCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		50		208	219.0	0	95.2	90	110	07/14/2025

Batch R368056 SampType: MS Units mg/L

SamplD: 25070679-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		981	1000	0	98.1	90	110	07/14/2025

Batch R368056 SampType: MSD Units mg/L

RPD Limit: 10

SamplD: 25070679-002CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		955	1000	0	95.5	980.7	2.65	07/14/2025

Batch R368056 SampType: MS Units mg/L

SamplD: 25070989-003CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		1010	1000	0	101.1	90	110	07/14/2025

Batch R368056 SampType: MSD Units mg/L

RPD Limit: 10

SamplD: 25070989-003CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		998	1000	0	99.8	1011	1.28	07/14/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

STANDARD METHODS 5220 D (TOTAL) 1997, 2011

Batch R368056 SampType: MS Units mg/L

SampleID: 25070999-004FMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		1010	1000	26.82	98.0	90	110	07/14/2025

Batch R368056 SampType: MSD Units mg/L

RPD Limit: 10

SampleID: 25070999-004FMDS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		976	1000	26.82	95.0	1006	3.02	07/14/2025

Batch R368162 SampType: MBLK Units mg/L

SampleID: 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	07/16/2025

Batch R368162 SampType: LCS Units mg/L

SampleID: 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	92.2	90	110	07/16/2025

Batch R368162 SampType: MS Units mg/L

SampleID: 25071076-001EMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		1020	1000	0	101.9	90	110	07/16/2025

Batch R368162 SampType: MSD Units mg/L

RPD Limit: 10

SampleID: 25071076-001EMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		985	1000	0	98.5	1019	3.41	07/16/2025

Batch R368162 SampType: MS Units mg/L

SampleID: 25071080-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand		100		976	1000	0	97.6	90	110	07/16/2025

Batch R368162 SampType: MSD Units mg/L

RPD Limit: 10

SampleID: 25071080-001BMDS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand		100		959	1000	0	95.9	976.4	1.76	07/16/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW-846 9012A (TOTAL)

Batch 241419		SampType: MBLK		Units mg/L							
SampID: MBLK 250702 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	07/03/2025	

Batch 241419		SampType: LCS		Units mg/L							
SampID: LCS 250702 TCN1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.027	0.0250	0	109.4	90	110	07/03/2025	

Batch 241419		SampType: MS		Units mg/L							
SampID: 25070148-001DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.027	0.0250	0	109.6	90	110	07/03/2025	

Batch 241419		SampType: MSD		Units mg/L				RPD Limit: 15			Date Analyzed
SampID: 25070148-001DMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide		0.005		0.026	0.0250	0	102.6	0.02740	6.56	07/03/2025	

Batch 241469		SampType: MBLK		Units mg/L							
SampID: MBLK 250703 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	07/07/2025	

Batch 241469		SampType: LCS		Units mg/L							
SampID: LCS 250703 TCN1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.024	0.0250	0	96.2	90	110	07/07/2025	

Batch 241469		SampType: MS		Units mg/L							
SampID: 25070276-002AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.024	0.0250	0	96.4	90	110	07/07/2025	

Batch 241469		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 25070276-002AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide		0.005		0.025	0.0250	0	99.4	0.02410	3.02	07/07/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW-846 9012A (TOTAL)

Batch 241469		SampType: MS		Units mg/L							
SampID: 25070290-001DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.028	0.0250	0	110.0	90	110	07/07/2025	

Batch 241469		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 25070290-001DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide			0.005		0.027	0.0250	0	106.5	0.02750	3.23	07/07/2025

Batch 241684		SampType: MBLK		Units mg/L							
SampID: MBLK 250709 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	07/10/2025	

Batch 241684		SampType: LCS		Units mg/L							
SampID: LCS 250709 TCN1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.027	0.0250	0	106.1	90	110	07/10/2025	

Batch 241684		SampType: MS		Units mg/L							
SampID: 25061769-078DMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Cyanide		0.005		0.025	0.0250	0	101.2	75	125	07/10/2025	

Batch 241684		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 25061769-078DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide			0.005		0.027	0.0250	0	108.5	0.02530	6.93	07/10/2025

Batch 241753		SampType: MBLK		Units mg/L							
SampID: MBLK 250710 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	07/11/2025	

Batch 241753		SampType: LCS		Units mg/L							
SampID: LCS 250710 TCN1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.025	0.0250	0	98.5	90	110	07/11/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW-846 9012A (TOTAL)

Batch 241753		SampType: MS		Units mg/L							
SampID: 25070711-001CMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005		0.026	0.0250	0	102.9	90	110	07/11/2025	

Batch 241753		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 25070711-001CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide		0.005		0.026	0.0250	0	102.9	0.02573	0.02	07/11/2025	

Batch 241753		SampType: MS		Units mg/L							
SampID: 25070759-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.027	0.0250	0.003645	94.1	90	110	07/11/2025	

Batch 241753		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 25070759-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide			0.005		0.028	0.0250	0.003645	98.7	0.02718	4.09	07/11/2025

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R367557		SampType: MS		Units mg/L						
SampID: 25062085-003BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.25		5.95	5.000	0.4375	110.2	80	120	07/02/2025
Chloride		2.50		144	100.0	33.41	110.8	80	120	07/02/2025
Sulfate		5.00		268	100.0	165.0	103.4	80	120	07/02/2025

Batch R367557		SampType: MSD		Units mg/L					RPD Limit: 15		
SampID: 25062085-003BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.25		5.78	5.000	0.4375	106.8	5.948	2.87	07/02/2025
Chloride			2.50		141	100.0	33.41	107.6	144.2	2.30	07/02/2025
Sulfate			5.00		269	100.0	165.0	103.7	268.4	0.11	07/02/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R367594		SampType: MS		Units mg/L							
SampID: 25061769-044BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.50		10.4	10.00	0.1420	102.6	80	120	07/03/2025	
Sulfate		10.0		1660	200.0	1453	101.2	80	120	07/03/2025	

Batch R367594		SampType: MSD		Units mg/L						RPD Limit: 15	
SampID: 25061769-044BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.4	10.00	0.1420	102.4	10.40	0.14	07/03/2025
Sulfate			10.0		1650	200.0	1453	99.4	1656	0.22	07/03/2025

Batch R367696		SampType: MS		Units mg/L							
SampID: 25061769-044BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		5.00	S	1820	200.0	1674	71.1	80	120	07/07/2025	

Batch R367696		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 25061769-044BMSD											Date
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Analyzed
Chloride			5.00	S	1820	200.0	1674	70.4	1817	0.08	07/07/2025

Batch R367865		SampType: MS		Units mg/L							
SampID: 25061769-004BMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Sulfate		10.0	S	3310	200.0	3155	77.5	80	120	07/09/2025	

Batch R367865		SampType: MSD		Units mg/L				RPD Limit: 15			Date Analyzed
SampID: 25061769-004BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Sulfate		10.0	S	3290	200.0	3155	67.0	3310	0.64	07/09/2025	

Batch R367939		SampType: MS		Units mg/L						
SampID: 25070721-001BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		12.0	10.00	0.8970	110.7	80	120	07/11/2025
Chloride		5.00		210	200.0	2.072	104.0	80	120	07/11/2025
Sulfate		10.0		222	200.0	32.07	94.8	80	120	07/11/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R367939		SampType: MSD		Units mg/L				RPD Limit: 15		
SampID: 25070721-001BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		12.0	10.00	0.8970	110.9	11.97	0.17	07/11/2025
Chloride		5.00		211	200.0	2.072	104.3	210.1	0.23	07/11/2025
Sulfate		10.0		222	200.0	32.07	94.9	221.7	0.12	07/11/2025

Batch R368075		SampType: MS		Units mg/L							
SampID: 25070923-003BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		2.50		104	100.0	2.561	101.1	80	120	07/15/2025	
Sulfate		5.00		95.1	100.0	5.210	89.8	80	120	07/15/2025	

Batch R368075		SampType: MSD		Units mg/L					RPD Limit: 15		
SampID: 25070923-003BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			2.50		104	100.0	2.561	101.9	103.7	0.72	07/15/2025
Sulfate			5.00		96.5	100.0	5.210	91.3	95.05	1.54	07/15/2025

Batch R368075		SampType: MS		Units mg/L						
SampID: 25070924-007BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.25		5.81	5.000	0.2720	110.7	80	120	07/14/2025
Chloride		2.50		107	100.0	2.120	104.6	80	120	07/14/2025
Sulfate		5.00		95.6	100.0	0	95.6	80	120	07/14/2025

Batch R368075		SampType: MSD		Units mg/L					RPD Limit: 15		Date Analyzed	
SampID: 25070924-007BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride			0.25		5.79	5.000	0.2720	110.3	5.809	0.39	07/14/2025	
Chloride			2.50		106	100.0	2.120	104.0	106.7	0.53	07/14/2025	
Sulfate			5.00		95.2	100.0	0	95.2	95.57	0.40	07/14/2025	

Batch R368391		SampType: MS		Units mg/L						
SampID: 25070001-086BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.0	10.00	0.3000	97.1	80	120	07/18/2025
Chloride		5.00		268	200.0	50.63	108.8	80	120	07/18/2025
Sulfate		10.0		272	200.0	72.48	99.9	80	120	07/18/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R368391		SampType: MSD		Units mg/L				RPD Limit: 15		
SampleID: 25070001-086BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		9.98	10.00	0.3000	96.8	10.01	0.26	07/18/2025
Chloride		5.00		267	200.0	50.63	108.3	268.2	0.38	07/18/2025
Sulfate		10.0		271	200.0	72.48	99.2	272.2	0.51	07/18/2025

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R367557		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	07/02/2025
Chloride		0.50		ND	0.1000	0	0	0	100	07/02/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	07/02/2025

Batch R367557		SampType: LCS		Units mg/L						
SampID: LCS/ICV/QCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		1.08	1.000	0	107.7	90	110	07/02/2025
Chloride		0.50		20.4	20.00	0	102.1	90	110	07/02/2025
Sulfate		1.00		18.6	20.00	0	93.0	90	110	07/02/2025

Batch R367594		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	07/03/2025
Chloride		0.50		ND	0.1000	0	0	0	100	07/03/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	07/03/2025

Batch R367594		SampType: LCS		Units mg/L						
SampID: LCS/ICV/QCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		1.06	1.000	0	105.7	90	110	07/03/2025
Chloride		0.50		20.1	20.00	0	100.4	90	110	07/03/2025
Sulfate		1.00		18.3	20.00	0	91.6	90	110	07/03/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R367594 SampType: MS Units mg/L

SampleID: 25061769-053AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.2	10.00	0.8340	103.9	80	120	07/03/2025
Chloride		5.00		615	200.0	410.8	102.2	80	120	07/03/2025
Sulfate		10.0		1070	200.0	886.1	92.6	80	120	07/03/2025

Batch R367594 SampType: MSD Units mg/L

RPD Limit: 15

SampleID: 25061769-053AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		11.4	10.00	0.8340	105.7	11.22	1.64	07/03/2025
Chloride		5.00		614	200.0	410.8	101.4	615.2	0.27	07/03/2025
Sulfate		10.0		1060	200.0	886.1	88.9	1071	0.71	07/03/2025

Batch R367696 SampType: MBLK Units mg/L

SampleID: 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	07/07/2025
Chloride		0.50		ND	0.1000	0	0	0	100	07/07/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	07/07/2025

Batch R367696 SampType: LCS Units mg/L

SampleID: LCS/ICV/QCS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		1.08	1.000	0	107.6	90	110	07/07/2025
Chloride		0.50		20.4	20.00	0	101.9	90	110	07/07/2025
Sulfate		1.00		18.8	20.00	0	94.0	90	110	07/07/2025

Batch R367696 SampType: MS Units mg/L

SampleID: 25070248-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		5.00		120	100.0	11.16	109.1	80	120	07/07/2025
Chloride		50.0		2190	2000	120.5	103.5	80	120	07/07/2025
Sulfate		100		4340	2000	2135	110.3	80	120	07/07/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R367696		SampType: MSD		Units mg/L				RPD Limit: 15		
SampID: 25070248-004BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		5.00		120	100.0	11.16	108.5	120.3	0.53	07/07/2025
Chloride		50.0		2190	2000	120.5	103.3	2191	0.16	07/07/2025
Sulfate		100		4170	2000	2135	101.9	4341	3.94	07/07/2025

Batch R367696		SampType: MS		Units mg/L							Date Analyzed
SampID: 25070256-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		50.0		2230	2000	117.8	105.5	80	120	07/07/2025	
Sulfate		100		1920	2000	54.22	93.3	80	120	07/07/2025	

Batch R367696		SampType: MSD		Units mg/L					RPD Limit: 15		
SampID: 25070256-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			50.0		2220	2000	117.8	105.2	2228	0.25	07/07/2025
Sulfate			100		1910	2000	54.22	92.7	1921	0.67	07/07/2025

Batch R367696		SampType: MS		Units mg/L							
SampID: 25070296-008AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.50		11.9	10.00	1.168	107.7	80	120	07/07/2025	
Chloride		5.00		978	200.0	777.6	100.4	80	120	07/07/2025	
Sulfate		10.0		212	200.0	25.03	93.6	80	120	07/07/2025	

Batch R367696		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 25070296-008AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		11.9	10.00	1.168	106.8	11.94	0.71	07/07/2025
Chloride			5.00		969	200.0	777.6	95.8	978.4	0.96	07/07/2025
Sulfate			10.0		211	200.0	25.03	93.2	212.3	0.43	07/07/2025

Batch R367865		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	07/09/2025
Chloride		0.50		ND	0.1000	0	0	0	100	07/09/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	07/09/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R367865		SampType: LCS		Units mg/L						
SampID: LCS/ICV/QCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		1.06	1.000	0	106.0	90	110	07/09/2025
Chloride		0.50		20.2	20.00	0	101.0	90	110	07/09/2025
Sulfate		1.00		18.7	20.00	0	93.7	90	110	07/09/2025

Batch R367865		SampType: MS		Units mg/L						
SampID: 25070602-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		5.00		114	100.0	3.640	110.4	80	120	07/09/2025
Sulfate		100		3840	2000	1844	99.8	80	120	07/09/2025

Batch R367865		SampType: MSD		Units mg/L					RPD Limit: 15		Date Analyzed
SampID: 25070602-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Fluoride			5.00		114	100.0	3.640	110.4	114.1	0.06	
Sulfate			100		3840	2000	1844	99.8	3840	0.02	

Batch R367865		SampType: MS		Units mg/L							
SampID: 25070627-001AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		50.0		17000	2000	15040	98.9	80	120	07/09/2025	

Batch R367865		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 25070627-001AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Chloride		50.0		17400	2000	15040	119.3	17020	2.36	07/09/2025	

Batch R367865		SampType: MS		Units mg/L						
SampID: 25070633-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.3	10.00	0.2790	109.8	80	120	07/09/2025
Chloride		5.00		235	200.0	22.77	106.1	80	120	07/09/2025
Sulfate		10.0		273	200.0	76.52	98.0	80	120	07/09/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R367865		SampType: MSD		Units mg/L				RPD Limit: 15		
SampID: 25070633-001AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		11.3	10.00	0.2790	110.4	11.26	0.58	07/09/2025
Chloride		5.00		235	200.0	22.77	106.2	235.0	0.05	07/09/2025
Sulfate		10.0		272	200.0	76.52	97.9	272.6	0.12	07/09/2025

Batch R367903		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	07/09/2025
Chloride		0.50		ND	0.1000	0	0	0	100	07/09/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	07/09/2025

Batch R367903		SampType: LCS		Units mg/L						
SampID: LCS/ICV/QCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		1.05	1.000	0	105.4	90	110	07/09/2025
Chloride		0.50		20.3	20.00	0	101.5	90	110	07/09/2025
Sulfate		1.00		18.5	20.00	0	92.6	90	110	07/09/2025

Batch R367903		SampType: MS		Units mg/L						
SampID: 25061769-002FMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.2	10.00	0.5570	106.8	80	120	07/09/2025
Chloride		5.00		289	200.0	69.34	109.9	80	120	07/09/2025
Sulfate		10.0		298	200.0	103.4	97.3	80	120	07/09/2025

Batch R367903		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 25061769-002FMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		11.2	10.00	0.5570	106.7	11.24	0.15	07/09/2025
Chloride			5.00		289	200.0	69.34	110.0	289.2	0.05	07/09/2025
Sulfate			10.0		298	200.0	103.4	97.1	298.0	0.13	07/09/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R367903		SampType: MS		Units mg/L						
SampID: 25061769-021AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.5	10.00	0.6540	108.2	80	120	07/09/2025
Chloride		5.00		237	200.0	23.20	107.1	80	120	07/09/2025
Sulfate		10.0		239	200.0	47.88	95.4	80	120	07/09/2025

Batch R367903		SampType: MSD		Units mg/L					RPD Limit: 15		
SampID: 25061769-021AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		11.5	10.00	0.6540	108.5	11.47	0.26	07/09/2025
Chloride			5.00		237	200.0	23.20	107.0	237.4	0.08	07/09/2025
Sulfate			10.0		238	200.0	47.88	95.2	238.6	0.10	07/09/2025

Batch R367903		SampType: MS		Units mg/L						
SampID: 25070428-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.1	10.00	0.2900	107.9	80	120	07/09/2025
Chloride		5.00		501	200.0	270.1	115.5	80	120	07/09/2025
Sulfate		10.0	S	2570	200.0	2441	65.6	80	120	07/09/2025

Batch R367903		SampType: MSD		Units mg/L					RPD Limit: 15		
SampID: 25070428-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		11.3	10.00	0.2900	110.2	11.08	2.01	07/09/2025
Chloride			5.00		505	200.0	270.1	117.6	501.1	0.84	07/09/2025
Sulfate			10.0	S	2570	200.0	2441	62.4	2572	0.25	07/09/2025

Batch R367903		SampType: MS		Units mg/L						
SampID: 25070540-002AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.4	10.00	0.5420	108.2	80	120	07/09/2025
Chloride		5.00		420	200.0	190.5	115.0	80	120	07/09/2025
Sulfate		10.0		223	200.0	36.71	93.4	80	120	07/09/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R367903		SampType: MSD		Units mg/L				RPD Limit: 15		
SampID: 25070540-002AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		11.4	10.00	0.5420	108.6	11.36	0.33	07/09/2025
Chloride		5.00		420	200.0	190.5	114.8	420.5	0.11	07/09/2025
Sulfate		10.0		225	200.0	36.71	94.0	223.4	0.61	07/09/2025

Batch R367903		SampType: MS		Units mg/L							
SampID: 25070631-002AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.50		11.2	10.00	0.2760	109.0	80	120	07/09/2025	
Chloride		5.00		231	200.0	17.30	106.6	80	120	07/09/2025	
Sulfate		10.0		412	200.0	215.0	98.5	80	120	07/09/2025	

Batch R367903		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 25070631-002AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		11.2	10.00	0.2760	109.4	11.18	0.32	07/09/2025
Chloride			5.00		231	200.0	17.30	106.9	230.6	0.19	07/09/2025
Sulfate			10.0		412	200.0	215.0	98.4	412.1	0.04	07/09/2025

Batch R367939		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	07/10/2025
Chloride		0.50		ND	0.1000	0	0	0	100	07/10/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	07/10/2025

Batch R367939		SampType: LCS		Units mg/L						
SampID: LCS/ICV/QCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		1.08	1.000	0	107.7	90	110	07/10/2025
Chloride		0.50		20.2	20.00	0	101.2	90	110	07/10/2025
Sulfate		1.00		18.4	20.00	0	91.9	90	110	07/10/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R367939		SampType: MS		Units mg/L						
SampID: 25061769-010AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.2	10.00	0.3980	108.1	80	120	07/10/2025
Chloride		5.00		280	200.0	64.60	107.8	80	120	07/10/2025
Sulfate		10.0		200	200.0	17.30	91.4	80	120	07/10/2025

Batch R367939		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 25061769-010AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		11.1	10.00	0.3980	106.7	11.20	1.20	07/10/2025
Chloride			5.00		277	200.0	64.60	106.4	280.3	1.03	07/10/2025
Sulfate			10.0		198	200.0	17.30	90.2	200.2	1.20	07/10/2025

Batch R367939		SampType: MS		Units mg/L							
SampID: 25070627-001AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		5.00		116	100.0	7.520	108.0	80	120	07/10/2025	
Sulfate		100		6600	2000	4388	110.6	80	120	07/10/2025	

Batch R367939		SampType: MSD		Units mg/L						RPD Limit: 15	
SampID: 25070627-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			5.00		116	100.0	7.520	108.6	115.6	0.45	07/10/2025
Sulfate			100		6780	2000	4388	119.7	6601	2.72	07/10/2025

Batch R367939		SampType: MS		Units mg/L						
SampID: 25070714-002AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.8	10.00	0.7770	110.4	80	120	07/11/2025
Chloride		5.00		524	200.0	292.3	115.9	80	120	07/11/2025
Sulfate		10.0		329	200.0	131.5	98.9	80	120	07/11/2025

Batch R367939		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 25070714-002AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		11.8	10.00	0.7770	110.5	11.82	0.08	07/11/2025
Chloride			5.00		526	200.0	292.3	117.0	524.2	0.40	07/11/2025
Sulfate			10.0		330	200.0	131.5	99.2	329.3	0.20	07/11/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R368075		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK/ICB											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.05		ND	0.0040	0	0	0	100		
Chloride		0.50		ND	0.1000	0	0	0	100		
Sulfate		1.00		ND	0.0990	0	0	0	100		

Batch R368075		SampType: LCS		Units mg/L						
SampID: LCS/ICV/QCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		1.06	1.000	0	106.3	90	110	07/14/2025
Chloride		0.50		19.9	20.00	0	99.7	90	110	07/14/2025
Sulfate		1.00		18.4	20.00	0	92.0	90	110	07/14/2025

Batch R368075		SampType: MS		Units mg/L							Date Analyzed
SampID: 25070698-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		2.50		55.9	50.00	3.205	105.3	80	120	07/14/2025	

Batch R368075		SampType: MSD		Units mg/L						RPD Limit: 15		Date Analyzed
SampID: 25070698-001AMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride			2.50		55.4	50.00	3.205	104.4	55.87	0.79	07/14/2025	

Batch R368075		SampType: MS		Units mg/L							Date Analyzed
SampID: 25070854-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Sulfate		1000		34400	20000	14510	99.5	80	120	07/14/2025	

Batch R368075		SampType: MSD		Units mg/L					RPD Limit: 15		
SampID: 25070854-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Sulfate			1000		34400	20000	14510	99.5	34410	0.01	07/15/2025

Batch R368075		SampType: MS		Units mg/L							Date Analyzed
SampID: 25070903-003BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chloride		50.0		3460	2000	1272	109.4	80	120	07/15/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R368075		SampType: MSD		Units mg/L				RPD Limit: 15			Date Analyzed
SampID: 25070903-003BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Chloride		50.0		3470	2000	1272	110.1	3460	0.42		
											07/15/2025

Batch R368075		SampType: MS		Units mg/L						
SampID: 25070998-002AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		12.0	10.00	1.066	108.9	80	120	07/14/2025
Chloride		5.00		534	200.0	303.1	115.2	80	120	07/14/2025
Sulfate		10.0		426	200.0	222.1	101.8	80	120	07/14/2025

Batch R368075		SampType: MSD		Units mg/L					RPD Limit: 15		
SampID: 25070998-002AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		12.0	10.00	1.066	109.7	11.96	0.68	07/14/2025
Chloride			5.00		535	200.0	303.1	116.0	533.6	0.28	07/14/2025
Sulfate			10.0		426	200.0	222.1	101.8	425.6	0.02	07/14/2025

Batch R368075		SampType: MS		Units mg/L						
SampID: 25070999-002BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.6	10.00	0.5740	109.9	80	120	07/14/2025
Chloride		5.00		619	200.0	424.3	97.1	80	120	07/14/2025
Sulfate		10.0		301	200.0	111.9	94.4	80	120	07/14/2025

Batch R368075		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 25070999-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		11.7	10.00	0.5740	111.3	11.56	1.19	07/14/2025
Chloride			5.00		598	200.0	424.3	87.0	618.5	3.33	07/14/2025
Sulfate			10.0		296	200.0	111.9	92.2	300.7	1.44	07/14/2025

Batch R368391		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	07/18/2025
Chloride		0.50		ND	0.1000	0	0	0	100	07/18/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	07/18/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R368391		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		0.92	1.000	0	91.6	90	110	07/18/2025
Chloride		0.50		19.4	20.00	0	97.0	90	110	07/18/2025
Sulfate		1.00		18.2	20.00	0	91.0	90	110	07/18/2025

Batch R368391		SampType: MS		Units mg/L						
SampID: 25061769-047AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.2	10.00	0.5620	96.5	80	120	07/18/2025
Chloride		5.00		272	200.0	55.20	108.2	80	120	07/18/2025
Sulfate		10.0		335	200.0	132.8	101.0	80	120	07/18/2025

Batch R368391		SampType: MSD		Units mg/L					RPD Limit: 15		Date Analyzed
SampID: 25061769-047AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride		0.50		10.2	10.00	0.5620	96.5	10.21	0.01	07/18/2025	
Chloride		5.00		272	200.0	55.20	108.4	271.7	0.10	07/18/2025	
Sulfate		10.0		335	200.0	132.8	101.1	334.8	0.10	07/18/2025	

Batch R368391		SampType: MS		Units mg/L							Date Analyzed
SampID: 25070001-075AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.50		10.0	10.00	0.2260	97.7	80	120	07/19/2025	
Chloride		5.00		219	200.0	6.511	106.0	80	120	07/19/2025	
Sulfate		10.0		273	200.0	75.02	98.8	80	120	07/19/2025	

Batch R368391		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 25070001-075AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.0	10.00	0.2260	98.0	9.999	0.32	07/19/2025
Chloride			5.00		219	200.0	6.511	106.1	218.5	0.09	07/19/2025
Sulfate			10.0		275	200.0	75.02	100.0	272.6	0.87	07/19/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R368391		SampType: MS		Units mg/L						
SampID: 25071487-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.2	10.00	0.5390	96.6	80	120	07/18/2025
Chloride		5.00		595	200.0	372.0	111.7	80	120	07/18/2025
Sulfate		10.0		363	200.0	157.0	102.8	80	120	07/18/2025

Batch R368391		SampType: MSD		Units mg/L					RPD Limit: 15		
SampID: 25071487-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.3	10.00	0.5390	97.4	10.20	0.84	07/18/2025
Chloride			5.00		599	200.0	372.0	113.4	595.4	0.57	07/18/2025
Sulfate			10.0		364	200.0	157.0	103.3	362.6	0.26	07/18/2025

Batch R368391		SampType: MS		Units mg/L						
SampID: 25071572-001BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.98	10.00	0.2480	97.3	80	120	07/18/2025
Chloride		5.00		217	200.0	6.764	105.3	80	120	07/18/2025
Sulfate		10.0		993	200.0	778.6	107.3	80	120	07/18/2025

Batch R368391		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 25071572-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		10.1	10.00	0.2480	98.5	9.981	1.15	07/18/2025
Chloride			5.00		220	200.0	6.764	106.6	217.3	1.25	07/18/2025
Sulfate			10.0		995	200.0	778.6	107.9	993.2	0.13	07/18/2025

Batch R368391		SampType: MS		Units mg/L						
SampID: 25071573-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.0	10.00	0.2070	98.3	80	120	07/18/2025
Chloride		5.00		215	200.0	1.969	106.4	80	120	07/18/2025
Sulfate		10.0		263	200.0	62.31	100.6	80	120	07/18/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R368391		SampType: MSD		Units mg/L				RPD Limit: 15		
SampleID: 25071573-001AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		10.1	10.00	0.2070	98.8	10.03	0.49	07/18/2025
Chloride		5.00		214	200.0	1.969	106.1	214.7	0.26	07/18/2025
Sulfate		10.0		263	200.0	62.31	100.2	263.4	0.28	07/18/2025

SW-846 9060A

Batch R367974		SampType: MBLK		Units mg/L							
SampID: MBLK/ICB											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	07/10/2025	

Batch R367974		SampType: LCS		Units mg/L							
SampID: LCS/ICV											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Organic Carbon (TOC)		1.0		4.6	5.000	0	91.2	90	110	07/10/2025	

Batch R367974		SampType: MS		Units mg/L							Date Analyzed
SampID: 25070371-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Organic Carbon (TOC)		1.0		3.6	2.500	1.240	94.0	85	115	07/10/2025	

Batch R367974		SampType: MSD		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 25070371-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Total Organic Carbon (TOC)			1.0		3.6	2.500	1.240	92.8	3.590	0.84	07/10/2025

Batch R367974		SampType: DUP		Units mg/L				RPD Limit: 10				Date Analyzed
SampleID: 25070389-001ADUP												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)			1.0		5.5				5.290	3.89	07/10/2025	

Batch R367974		SampType: DUP		Units mg/L					RPD Limit: 10			Date Analyzed
SampID: 25070389-002ADUP												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)			1.0		2.1				1.940	7.92	07/10/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW-846 9060A

Batch R367974		SampType: DUP		Units mg/L				RPD Limit: 10			
SampID: 25070488-001FDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		6.5				6.470	0.15	07/10/2025

Batch R367974		SampType: DUP		Units mg/L		RPD Limit: 10					
SampID: 25070543-001BDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		2.3				2.230	4.39	07/10/2025

Batch R368106		SampType: MBLK		Units mg/L							
SampID: MBLK/ICB											
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	07/14/2025	

Batch R368106		SampType: LCS		Units mg/L							
SampID: LCS/ICV											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		4.8	5.000	0	96.8	90	110	07/14/2025	

Batch R368106		SampType: MS		Units mg/L							
SampID: 25061769-073NMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Organic Carbon (TOC)		1.0		2.4	2.500	0	96.4	85	115	07/14/2025	

Batch R368106		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 25061769-073NMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		2.4	2.500	0	96.0	2.410	0.42	07/14/2025

Batch R368106		SampType: MS		Units mg/L							
SampID: 25070960-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		6.6	2.500	4.120	101.2	85	115	07/14/2025	

Batch R368106		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 25070960-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		6.6	2.500	4.120	99.6	6.650	0.60	07/14/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW-846 9060A

Batch R368106		SampType: MS		Units mg/L						
SampID: 25070961-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		3.5	2.500	1.000	98.8	85	115	07/14/2025

Batch R368106		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 25070961-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		3.4	2.500	1.000	98.0	3.470	0.58	07/14/2025

Batch R368106		SampType: MS		Units mg/L							
SampID: 25070999-001EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0	S	1.6	2.500	0	62.4	85	115	07/14/2025	

Batch R368106		SampType: MSD		Units mg/L				RPD Limit: 10			Date Analyzed	
SampID: 25070999-001EMSD												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Total Organic Carbon (TOC)		1.0	S	1.6	2.500	0	62.0	1.560	0.64	07/14/2025		

Batch R368106		SampType: MS		Units mg/L							
SampID: 25071076-001EMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)			1.0		7.6	2.500	5.190	95.2	85	115	07/14/2025

Batch R368106		SampType: MSD		Units mg/L				RPD Limit: 10			
SampID: 25071076-001EMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		7.7	2.500	5.190	98.8	7.570	1.18	07/14/2025

Batch R368106		SampType: DUP		Units mg/L				RPD Limit: 10			
SampID: 25070297-002ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			2.0	R	11.4				10.13	11.45	07/14/2025

Batch R368106		SampType: DUP		Units mg/L				RPD Limit: 10			
SampID: 25070543-002ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		6.3				6.230	1.59	07/14/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW-846 9060A

Batch R368106		SampType: DUP		Units mg/L				RPD Limit: 10			Date Analyzed
SampID: 25070776-007CDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Total Organic Carbon (TOC)			1.0	J	0.8				0.7500	0.00	07/14/2025

Batch R368106		SampType: DUP		Units mg/L				RPD Limit: 10			
SampID: 25070869-002ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			200		739				732.0	1.00	07/14/2025

Batch R368106		SampType: DUP		Units mg/L				RPD Limit: 10			
SampID: 25070869-003ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			200		812				811.3	0.03	07/14/2025

Batch R368106		SampType: DUP		Units mg/L				RPD Limit: 10			
SampID: 25070974-001GDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		3.2				3.160	2.19	07/14/2025

Batch R368106		SampType: DUP		Units mg/L				RPD Limit: 10			
SampID: 25071076-001EDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		5.3				5.190	1.91	07/14/2025

Batch R368195		SampType: MBLK		Units mg/L							
SampID: MBLK/ICB											
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	07/16/2025	

Batch R368195		SampType: LCS		Units mg/L							
SampID: LCS/ICV											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		4.8	5.000	0	95.4	90	110	07/16/2025	

Batch R368195		SampType: MS		Units mg/L							
SampID: 25070963-002AMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)			5.0	S	28.0	12.50	13.53	115.4	85	115	07/16/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW-846 9060A

Batch R368195		SampType: MSD		Units mg/L				RPD Limit: 10			
SampleID: 25070963-002AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			5.0		27.0	12.50	13.53	108.0	27.96	3.38	07/16/2025

Batch R368195		SampType: DUP		Units mg/L				RPD Limit: 10			
SampleID: 25070963-002ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			5.0		14.2				13.53	5.04	07/16/2025

SW-846 9066 (TOTAL)

Batch R367812		SampType: MBLK		Units mg/L							
SampID: ICB/MBLK											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phenols		0.005		< 0.005	0.0028	0	0	-100	100	07/09/2025	

Batch R367812		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		0.052	0.0500	0	104.9	90	110	07/09/2025	

Batch R367812		SampType: MS		Units mg/L							
SampID: 25070416-001GMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phenols		0.005		0.053	0.0500	0	106.9	90	110	07/09/2025	

Batch R367812		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 25070416-001GMSD											
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	0.05344	10.73	07/09/2025

Batch R368072		SampType: MBLK		Units mg/L							
SampID: ICB											
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	07/11/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW-846 9066 (TOTAL)

Batch R368072		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	07/11/2025	

Batch R368072		SampType: LCS		Units mg/L							
SampID: ICV											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005		0.049	0.0500	0	98.7	90	110	07/11/2025	

Batch R368086		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	07/14/2025	

Batch R368086		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		0.055	0.0500	0	109.4	90	110	07/14/2025	

Batch R368086		SampType: MS		Units mg/L						
SampID: 25070660-001GMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Phenols		0.005	S	0.059	0.0500	0	117.0	90	110	07/14/2025

Batch R368086		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 25070660-001GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			0.005	S	0.059	0.0500	0	117.7	0.05852	0.60	07/14/2025

Batch R368086		SampType: MS		Units mg/L							
SampID: 25070896-001GMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.100		1.31	1.000	0.2504	105.9	90	110	07/14/2025	

Batch R368086		SampType: MSD		Units mg/L				RPD Limit: 15			
SampID: 25070896-001GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			0.100		1.28	1.000	0.2504	103.0	1.310	2.25	07/14/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW-846 9066 (TOTAL)

Batch R368086		SampType: MS		Units mg/L							Date
SampID: 25070907-008AMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phenols		0.005		0.052	0.0500	0	104.9	90	110	07/14/2025	

Batch R368086		SampType: MSD		Units mg/L							RPD Limit: 15	Date
SampID: 25070907-008AMSD												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Phenols		0.005		0.053	0.0500	0	107.0	0.05246	1.94	07/14/2025		

Batch R368169		SampType: MBLK		Units mg/L							Date
SampID: ICB/MBLK											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phenols		0.005		< 0.005	0.0028	0	0	-100	100	07/15/2025	

Batch R368169		SampType: LCS		Units mg/L							Date
SampID: ICV/LCS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phenols		0.005		0.055	0.0500	0	109.9	90	110	07/15/2025	

Batch R368169		SampType: MS		Units mg/L							Date
SampID: 25071069-001GMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phenols		0.005		0.055	0.0500	0.003180	104.4	90	110	07/15/2025	

Batch R368169		SampType: MSD		Units mg/L							RPD Limit: 15	Date
SampID: 25071069-001GMSD												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Phenols		0.005		0.056	0.0500	0.003180	106.3	0.05536	1.74	07/15/2025		

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

Batch 241401		SampType: MBLK		Units mg/L							Date
SampID: MBLK-241401											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	07/03/2025	
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	07/03/2025	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/03/2025	
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	07/03/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241401 SampType: LCS Units mg/L

SampID: LCS-241401

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.33	5.000	0	86.5	85	115	07/03/2025
Magnesium		0.0500		4.59	5.000	0	91.8	85	115	07/03/2025
Potassium		0.100		4.30	5.000	0	86.0	85	115	07/03/2025
Sodium		0.0500		4.28	5.000	0	85.6	85	115	07/03/2025

Batch 241453 SampType: MBLK Units mg/L

SampID: MBLK-241453

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	07/07/2025
Magnesium		0.050		< 0.050	0.0055	0	0	-100	100	07/07/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/07/2025
Sodium		0.050		< 0.050	0.0180	0	0	-100	100	07/07/2025

Batch 241453 SampType: LCS Units mg/L

SampID: LCS-241453

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.65	5.000	0	93.0	85	115	07/07/2025
Magnesium		0.050		4.40	5.000	0	88.0	85	115	07/07/2025
Potassium		0.100		4.98	5.000	0	99.6	85	115	07/07/2025
Sodium		0.050		4.79	5.000	0	95.8	85	115	07/07/2025

Batch 241453 SampType: MS Units mg/L

SampID: 25061769-058DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	122	5.000	119.8	36.2	75	125	07/07/2025
Magnesium		0.050	S	50.5	5.000	47.33	63.8	75	125	07/07/2025
Potassium		0.100		7.99	5.000	3.316	93.5	75	125	07/07/2025
Sodium		0.050	S	95.5	5.000	95.26	4.0	75	125	07/07/2025

Batch 241453 SampType: MSD Units mg/L

RPD Limit: 20

SampID: 25061769-058DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	120	5.000	119.8	11.2	121.6	1.03	07/07/2025
Magnesium		0.050	S	50.4	5.000	47.33	61.6	50.51	0.21	07/07/2025
Potassium		0.100		8.25	5.000	3.316	98.8	7.990	3.25	07/07/2025
Sodium		0.050	S	96.1	5.000	95.26	17.0	95.46	0.68	07/07/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241651 SampType: MBLK Units mg/L

SampleID: MBLK-241651

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	07/10/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	07/10/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/11/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	07/10/2025
Vanadium		0.0100		< 0.0100	0.0009	0	0	-100	100	07/10/2025
Zinc		0.0100		< 0.0100	0.0050	0	0	-100	100	07/10/2025

Batch 241651 SampType: LCS Units mg/L

SampleID: LCS-241651

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.56	5.000	0	91.3	85	115	07/10/2025
Magnesium		0.0500		4.61	5.000	0	92.2	85	115	07/10/2025
Potassium		0.100		4.66	5.000	0	93.2	85	115	07/11/2025
Sodium		0.0500		4.79	5.000	0	95.8	85	115	07/10/2025
Vanadium		0.0100		0.946	1.000	0	94.6	85	115	07/10/2025
Zinc		0.0100		0.927	1.000	0	92.7	85	115	07/10/2025

Batch 241651 SampType: MS Units mg/L

SampleID: 25061769-057DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		107	5.000	103.3	75.0	75	125	07/10/2025
Magnesium		0.050		43.3	5.000	39.22	81.6	75	125	07/10/2025
Potassium		0.100		7.18	5.000	2.205	99.4	75	125	07/10/2025
Sodium		0.050	S	89.5	5.000	85.82	73.2	75	125	07/10/2025

Batch 241651 SampType: MSD Units mg/L

RPD Limit: 20

SampleID: 25061769-057DMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	107	5.000	103.3	72.0	107.1	0.14	07/10/2025
Magnesium		0.050		43.3	5.000	39.22	81.2	43.30	0.05	07/10/2025
Potassium		0.100		7.06	5.000	2.205	97.1	7.175	1.60	07/10/2025
Sodium		0.050	S	89.2	5.000	85.82	68.2	89.48	0.28	07/10/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241727 SampType: MBLK Units mg/L
SampID: MBLK-241727

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	07/14/2025
Magnesium		0.050		< 0.050	0.0055	0	0	-100	100	07/14/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/14/2025
Sodium		0.050		< 0.050	0.0180	0	0	-100	100	07/14/2025

Batch 241727 SampType: LCS Units mg/L
SampID: LCS-241727

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.92	5.000	0	98.5	85	115	07/14/2025
Magnesium		0.050		4.72	5.000	0	94.3	85	115	07/14/2025
Potassium		0.100		5.45	5.000	0	109.0	85	115	07/14/2025
Sodium		0.050		5.20	5.000	0	103.9	85	115	07/14/2025

Batch 241727 SampType: MS Units mg/L
SampID: 25061769-045CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	226	5.000	239.0	-262.4	75	125	07/14/2025
Magnesium		0.050	S	208	5.000	219.8	-243.2	75	125	07/14/2025
Potassium		0.100		7.98	5.000	2.436	110.8	75	125	07/14/2025
Sodium		0.050	S	128	5.000	129.6	-32.4	75	125	07/14/2025

Batch 241727 SampType: MSD Units mg/L
SampID: 25061769-045CMSD

RPD Limit: 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	224	5.000	239.0	-303.0	225.8	0.90	07/14/2025
Magnesium		0.050	S	206	5.000	219.8	-285.6	207.6	1.03	07/14/2025
Potassium		0.100		8.09	5.000	2.436	113.0	7.976	1.39	07/14/2025
Sodium		0.050	S	129	5.000	129.6	-20.6	128.0	0.46	07/14/2025

Batch 241727 SampType: MS Units mg/L
SampID: 25061769-082DMS

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	75	125	07/14/2025
Magnesium		0.050		4.74	5.000	0.008200	94.7	75	125	07/14/2025
Potassium		0.100		5.50	5.000	0	109.9	75	125	07/14/2025
Sodium		0.050		5.25	5.000	0.03980	104.2	75	125	07/14/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241727		SampType: MSD		Units mg/L				RPD Limit: 20		
SampID: 25061769-082DMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100		4.92	5.000	0	98.4	4.980	1.17	07/14/2025
Magnesium		0.050		4.67	5.000	0.008200	93.2	4.742	1.55	07/14/2025
Potassium		0.100		5.41	5.000	0	108.2	5.495	1.59	07/14/2025
Sodium		0.050		5.17	5.000	0.03980	102.6	5.250	1.55	07/14/2025

Batch 241752		SampType: MBLK		Units mg/L						
SampID: MBLK-241752										
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	07/11/2025
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	07/15/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	07/15/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/11/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	07/15/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	07/11/2025

Batch 241752		SampType: LCS		Units mg/L						
SampID: LCS-241752										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.28	5.000	0	85.5	85	115	07/11/2025
Calcium		0.100		2.38	2.500	0	95.3	85	115	07/15/2025
Magnesium		0.0500		2.20	2.500	0	88.0	85	115	07/15/2025
Potassium		0.100		4.42	5.000	0	88.3	85	115	07/11/2025
Sodium		0.0500		2.36	2.500	0	94.6	85	115	07/15/2025
Sodium		0.0500		4.31	5.000	0	86.3	85	115	07/11/2025

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

Batch 241456		SampType: MBLK		Units mg/L							
SampleID: MBLK-241456											
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	07/08/2025	
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	07/08/2025	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/08/2025	
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	07/08/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241456 SampType: LCS Units mg/L

SampID: LCS-241456

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.86	5.000	0	97.2	85	115	07/08/2025
Magnesium		0.0500		4.70	5.000	0	94.0	85	115	07/08/2025
Potassium		0.100		5.23	5.000	0	104.5	85	115	07/08/2025
Sodium		0.0500		5.30	5.000	0	106.0	85	115	07/08/2025

Batch 241456 SampType: MS Units mg/L

SampID: 25061769-058CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	137	5.000	133.2	74.0	75	125	07/08/2025
Magnesium		0.050		56.2	5.000	51.84	87.6	75	125	07/08/2025
Potassium		0.100		8.47	5.000	3.486	99.7	75	125	07/08/2025
Sodium		0.050		101	5.000	96.98	88.4	75	125	07/08/2025

Batch 241456 SampType: MSD Units mg/L

RPD Limit: 20

SampID: 25061769-058CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	136	5.000	133.2	47.2	136.9	0.98	07/08/2025
Magnesium		0.050	S	55.4	5.000	51.84	71.6	56.22	1.43	07/08/2025
Potassium		0.100		8.55	5.000	3.486	101.3	8.469	0.95	07/08/2025
Sodium		0.050		103	5.000	96.98	116.6	101.4	1.38	07/08/2025

Batch 241640 SampType: MBLK Units mg/L

SampID: MBLK-241640

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	07/10/2025
Magnesium		0.050		< 0.050	0.0055	0	0	-100	100	07/10/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/10/2025
Sodium		0.050		< 0.050	0.0180	0	0	-100	100	07/10/2025

Batch 241640 SampType: LCS Units mg/L

SampID: LCS-241640

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.82	5.000	0	96.4	85	115	07/10/2025
Magnesium		0.050		4.83	5.000	0	96.5	85	115	07/10/2025
Potassium		0.100		5.14	5.000	0	102.8	85	115	07/10/2025
Sodium		0.050		5.09	5.000	0	101.8	85	115	07/10/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241640 SampType: MS Units mg/L

SampleID: 25061769-004CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		533	5.000	527.2	118.0	75	125	07/10/2025
Magnesium		0.050		483	5.000	478.1	96.8	75	125	07/10/2025
Potassium		1.00		11.2	5.000	6.340	98.1	75	125	07/11/2025
Sodium		0.050		443	5.000	436.6	120.8	75	125	07/10/2025

Batch 241640 SampType: MSD Units mg/L

RPD Limit: 20

SampleID: 25061769-004CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	520	5.000	527.2	-136.8	533.1	2.42	07/10/2025
Magnesium		0.050	S	472	5.000	478.1	-120.8	482.9	2.28	07/10/2025
Potassium		1.00		11.4	5.000	6.340	101.4	11.24	1.48	07/11/2025
Sodium		0.050	S	431	5.000	436.6	-105.0	442.6	2.58	07/10/2025

Batch 241640 SampType: MS Units mg/L

SampleID: 25061769-015BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	273	5.000	273.7	-17.0	75	125	07/10/2025
Magnesium		0.050	S	128	5.000	125.3	46.3	75	125	07/10/2025
Potassium		0.100		6.82	5.000	1.311	110.3	75	125	07/10/2025
Sodium		0.050	S	153	5.000	150.6	48.6	75	125	07/10/2025

Batch 241640 SampType: MSD Units mg/L

RPD Limit: 20

SampleID: 25061769-015BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	286	5.000	273.7	245.8	272.8	4.70	07/10/2025
Magnesium		0.050	S	134	5.000	125.3	176.0	127.6	4.96	07/10/2025
Potassium		0.100		7.03	5.000	1.311	114.3	6.824	2.91	07/10/2025
Sodium		0.050	S	159	5.000	150.6	167.8	153.0	3.82	07/10/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241641 SampType: MBLK Units mg/L

SampleID: MBLK-241641

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0500		< 0.0500	0.0068	0	0	-100	100	07/10/2025
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	07/10/2025
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	07/10/2025
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	07/10/2025
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	07/10/2025
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	07/10/2025
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	07/10/2025
Lead		0.0150		< 0.0150	0.0040	0	0	-100	100	07/10/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	07/10/2025
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	07/10/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/10/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	07/10/2025
Vanadium		0.0100		< 0.0100	0.0009	0	0	-100	100	07/10/2025
Zinc		0.0100		< 0.0100	0.0050	0	0	-100	100	07/10/2025

Batch 241641 SampType: LCS Units mg/L

SampleID: LCS-241641

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		0.0500		0.990	1.000	0	99.0	85	115	07/10/2025
Boron		0.0200		0.968	1.000	0	96.8	85	115	07/10/2025
Cadmium		0.0020		0.0967	0.1000	0	96.7	85	115	07/10/2025
Calcium		0.100		4.88	5.000	0	97.6	85	115	07/10/2025
Chromium		0.0050		0.399	0.4000	0	99.8	85	115	07/10/2025
Iron		0.0400		4.15	4.000	0	103.8	85	115	07/10/2025
Lead		0.0150		0.983	1.000	0	98.3	85	115	07/10/2025
Magnesium		0.0500		4.91	5.000	0	98.2	85	115	07/10/2025
Manganese		0.0070		0.972	1.000	0	97.2	85	115	07/10/2025
Potassium		0.100		5.20	5.000	0	104.0	85	115	07/10/2025
Sodium		0.0500		5.16	5.000	0	103.1	85	115	07/10/2025
Vanadium		0.0100		1.01	1.000	0	101.2	85	115	07/10/2025
Zinc		0.0100		0.990	1.000	0	99.0	85	115	07/10/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241641 SampType: MS Units mg/L

SampleID: 25061769-057CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	120	5.000	110.6	183.2	75	125	07/10/2025
Magnesium		0.050	S	47.9	5.000	41.37	131.3	75	125	07/10/2025
Potassium		0.100		7.69	5.000	2.395	106.0	75	125	07/10/2025
Sodium		0.050	S	96.1	5.000	88.89	143.4	75	125	07/10/2025

Batch 241641 SampType: MSD Units mg/L

RPD Limit: 20

SampleID: 25061769-057CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	123	5.000	110.6	244.2	119.7	2.52	07/10/2025
Magnesium		0.050	S	49.3	5.000	41.37	157.7	47.94	2.72	07/10/2025
Potassium		0.100		7.88	5.000	2.395	109.8	7.694	2.44	07/10/2025
Sodium		0.050	S	98.6	5.000	88.89	193.4	96.06	2.57	07/10/2025

Batch 241709 SampType: MBLK Units mg/L

SampleID: MBLK-241709

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	07/11/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	07/15/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/11/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	07/11/2025

Batch 241709 SampType: LCS Units mg/L

SampleID: LCS-241709

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.81	5.000	0	96.1	85	115	07/11/2025
Magnesium		0.0500		4.88	5.000	0	97.6	85	115	07/15/2025
Potassium		0.100		4.99	5.000	0	99.8	85	115	07/11/2025
Sodium		0.0500		4.95	5.000	0	99.0	85	115	07/11/2025

Batch 241709 SampType: MS Units mg/L

SampleID: 25061769-062BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		10.0	S	877	5.000	861.0	320.0	75	125	07/15/2025
Magnesium		5.00		15.6	5.000	10.10	110.6	75	125	07/15/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241709		SampType: MSD		Units mg/L				RPD Limit: 20			
SampID: 25061769-062BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium			10.0		865	5.000	861.0	80.0	877.0	1.38	07/15/2025
Magnesium			5.00		16.3	5.000	10.10	124.4	15.63	4.32	07/15/2025

Batch 241709		SampType: MS		Units mg/L						
SampID: 25061769-068BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		34.3	5.000	29.10	103.2	75	125	07/11/2025
Magnesium		0.500		6.50	5.000	1.656	97.0	75	125	07/15/2025
Potassium		1.00		83.7	5.000	78.40	106.0	75	125	07/15/2025
Sodium		0.500	S	1100	5.000	1086	298.0	75	125	07/15/2025

Batch	241709	SampType:	MSD	Units				mg/L				RPD Limit: 20			
SampID: 25061769-068BMSD												Date Analyzed			
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD					
Calcium			0.100		33.8	5.000	29.10	93.0	34.26	1.50	07/11/2025				
Magnesium			0.500		6.68	5.000	1.656	100.5	6.505	2.70	07/15/2025				
Potassium			1.00	S	85.5	5.000	78.40	141.4	83.70	2.09	07/15/2025				
Sodium			0.500	S	1120	5.000	1086	728.0	1101	1.93	07/15/2025				

Batch 241751		SampType: MBLK		Units mg/L							
SampID: MBLK-241751											
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	07/11/2025	
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	07/15/2025	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/11/2025	
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	07/11/2025	

Batch 241751		SampType: LCS		Units mg/L						
SampID: LCS-241751										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.65	5.000	0	93.0	85	115	07/11/2025
Magnesium		0.0500		4.86	5.000	0	97.2	85	115	07/15/2025
Potassium		0.100		4.88	5.000	0	97.6	85	115	07/11/2025
Sodium		0.0500		4.81	5.000	0	96.2	85	115	07/11/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 242133 SampType: MBLK Units mg/L

SampleID: MBLK-242133

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	JS	0.085	0.0350	0	242.3	-100	100	08/01/2025
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	07/24/2025
Magnesium		0.050		< 0.050	0.0055	0	0	-100	100	07/24/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	07/24/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	08/01/2025
Sodium		0.050		< 0.050	0.0180	0	0	-100	100	07/24/2025
Sodium		0.050	S	0.086	0.0180	0	478.3	-100	100	08/01/2025

Batch 242133 SampType: LCS Units mg/L

SampleID: LCS-242133

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.78	5.000	0	95.5	85	115	07/24/2025
Magnesium		0.050		4.55	5.000	0	91.1	85	115	07/24/2025
Potassium		0.100		4.89	5.000	0	97.8	85	115	07/24/2025
Potassium		0.100		5.03	5.000	0	100.7	85	115	08/01/2025
Sodium		0.050		4.70	5.000	0	94.1	85	115	07/24/2025
Sodium		0.050	B	4.97	5.000	0	99.4	85	115	08/01/2025

Batch 242133 SampType: MS Units mg/L

SampleID: 25070001-061BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	176	5.000	173.6	55.8	75	125	07/22/2025
Magnesium		0.050		98.5	5.000	93.66	96.3	75	125	07/22/2025
Potassium		0.100		6.06	5.000	0.5174	110.8	75	125	07/22/2025
Sodium		0.050	S	121	5.000	122.4	-33.4	75	125	07/22/2025

Batch 242133 SampType: MSD Units mg/L

SampleID: 25070001-061BMDS

RPD Limit: 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	176	5.000	173.6	52.0	176.4	0.11	07/22/2025
Magnesium		0.050		98.6	5.000	93.66	99.6	98.48	0.16	07/22/2025
Potassium		0.100		5.96	5.000	0.5174	108.9	6.059	1.61	07/22/2025
Sodium		0.050	S	119	5.000	122.4	-71.8	120.7	1.60	07/22/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 242133		SampType: MS		Units mg/L						
SampID: 25070001-091CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	110	5.000	103.5	134.0	75	125	07/22/2025
Magnesium		0.050		51.1	5.000	45.80	106.6	75	125	07/22/2025
Potassium		0.100		6.62	5.000	1.162	109.1	75	125	07/22/2025
Sodium		0.050		61.6	5.000	56.91	94.8	75	125	07/22/2025

Batch 242133		SampType: MSD		Units mg/L				RPD Limit: 20		
SampID: 25070001-091CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	115	5.000	103.5	224.8	110.2	4.04	07/22/2025
Magnesium		0.050	S	53.2	5.000	45.80	147.9	51.14	3.96	07/22/2025
Potassium		0.100		6.73	5.000	1.162	111.3	6.615	1.68	07/22/2025
Sodium		0.050	S	63.9	5.000	56.91	139.2	61.65	3.54	07/22/2025

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

Batch 241401		SampType: MBLK		Units µg/L							
SampID: MBLK-241401											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	07/03/2025	
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	07/03/2025	
Boron		25.0		< 25.0	9.250	0	0	-100	100	07/07/2025	
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	07/03/2025	
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	07/07/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100	07/07/2025	
Lead		1.0		< 1.0	0.6000	0	0	-100	100	07/03/2025	
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	07/07/2025	
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	07/03/2025	
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	07/07/2025	
Zinc		15.0		< 15.0	5.900	0	0	-100	100	07/07/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241401		SampType: LCS		Units µg/L						
SampID: LCS-241401										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		990	1000	0	99.0	80	120	07/03/2025
Arsenic		1.0		923	1000	0	92.3	80	120	07/03/2025
Boron		25.0		880	1000	0	88.0	80	120	07/08/2025
Cadmium		1.0		97.2	100.0	0	97.2	80	120	07/03/2025
Chromium		1.5		413	400.0	0	103.3	80	120	07/07/2025
Iron		25.0		3990	4000	0	99.7	80	120	07/07/2025
Lead		1.0		945	1000	0	94.5	80	120	07/03/2025
Manganese		2.0		886	1000	0	88.6	80	120	07/08/2025
Selenium		1.0		1010	1000	0	100.9	80	120	07/03/2025
Vanadium		5.0		1000	1000	0	100.3	80	120	07/07/2025
Zinc		15.0		934	1000	0	93.4	80	120	07/07/2025

Batch 241453		SampType: MBLK		Units µg/L						
SampID: MBLK-241453										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	07/03/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	07/03/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	07/07/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	07/03/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	07/07/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	07/07/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	07/03/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	07/07/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	07/03/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	07/07/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241453		SampType: LCS		Units µg/L						
SampID: LCS-241453										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		1070	1000	0	107.2	80	120	07/03/2025
Arsenic		1.0		994	1000	0	99.4	80	120	07/03/2025
Boron		25.0		934	1000	0	93.4	80	120	07/08/2025
Cadmium		1.0		104	100.0	0	104.0	80	120	07/03/2025
Chromium		1.5		429	400.0	0	107.2	80	120	07/07/2025
Iron		25.0		4180	4000	0	104.5	80	120	07/07/2025
Lead		1.0		998	1000	0	99.8	80	120	07/03/2025
Manganese		2.0		944	1000	0	94.4	80	120	07/08/2025
Selenium		1.0		1020	1000	0	102.1	80	120	07/07/2025
Zinc		15.0		986	1000	0	98.6	80	120	07/07/2025

Batch 241453		SampType: MS		Units µg/L						
SampID: 25061769-058DMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		968	1000	0	96.8	75	125	07/03/2025
Arsenic		1.0		882	1000	4.153	87.8	75	125	07/03/2025
Boron		25.0		1000	1000	81.23	91.8	75	125	07/08/2025
Cadmium		1.0		92.8	100.0	0	92.8	75	125	07/03/2025
Chromium		1.5		381	400.0	0	95.2	75	125	07/07/2025
Lead		1.0		900	1000	0	90.0	75	125	07/03/2025
Selenium		1.0		859	1000	0	85.9	75	125	07/07/2025
Vanadium		5.0		962	1000	0	96.2	75	125	07/07/2025
Zinc		15.0		882	1000	0	88.2	75	125	07/07/2025

Batch 241453		SampType: MSD		Units µg/L				RPD Limit: 20		
SampID: 25061769-058DMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		1060	1000	0	106.4	968.4	9.44	07/03/2025
Arsenic		1.0		964	1000	4.153	96.0	881.9	8.89	07/03/2025
Boron		25.0		1020	1000	81.23	93.9	999.6	2.07	07/08/2025
Cadmium		1.0		100	100.0	0	100.0	92.76	7.46	07/03/2025
Chromium		1.5		397	400.0	0	99.2	380.8	4.07	07/07/2025
Lead		1.0		971	1000	0	97.1	900.2	7.61	07/03/2025
Selenium		1.0		909	1000	0	90.9	859.0	5.69	07/07/2025
Vanadium		5.0		993	1000	0	99.3	962.5	3.16	07/07/2025
Zinc		15.0		921	1000	0	92.1	881.7	4.39	07/07/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241651		SampType: MBLK		Units µg/L						
SampID: MBLK-241651										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	07/10/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	07/10/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	07/10/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	07/10/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	07/10/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	07/10/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	07/10/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	07/10/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	07/10/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	07/10/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	07/10/2025

Batch 241651		SampType: LCS		Units µg/L						
SampID: LCS-241651										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		861	1000	0	86.1	80	120	07/10/2025
Boron		25.0		938	1000	0	93.8	80	120	07/10/2025
Cadmium		1.0		92.2	100.0	0	92.2	80	120	07/10/2025
Chromium		1.5		379	400.0	0	94.7	80	120	07/10/2025
Iron		25.0		3610	4000	0	90.2	80	120	07/10/2025
Lead		1.0		906	1000	0	90.6	80	120	07/10/2025
Manganese		2.0		955	1000	0	95.5	80	120	07/10/2025
Selenium		1.0		877	1000	0	87.7	80	120	07/10/2025
Vanadium		5.0		965	1000	0	96.5	80	120	07/10/2025
Zinc		15.0		911	1000	0	91.1	80	120	07/10/2025

Batch 241651		SampType: MS		Units µg/L						
SampID: 25061769-005DMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Manganese		2.0		1030	1000	47.60	98.5	75	125	07/10/2025
Zinc		15.0		902	1000	0	90.2	75	125	07/10/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241651		SampType: MSD		Units µg/L				RPD Limit: 20			
SampID: 25061769-005DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Manganese			2.0		962	1000	47.60	91.5	1033	7.07	07/10/2025
Zinc			15.0		883	1000	0	88.3	901.8	2.08	07/10/2025

Batch 241651		SampType: MS		Units µg/L							
SampID: 25061769-057DMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		855	1000	0	85.5	75	125	07/10/2025	
Boron		25.0		1010	1000	83.07	92.4	75	125	07/10/2025	
Cadmium		1.0		90.3	100.0	0	90.3	75	125	07/10/2025	
Chromium		1.5		371	400.0	0	92.7	75	125	07/10/2025	
Lead		1.0		935	1000	0	93.5	75	125	07/10/2025	
Selenium		1.0		900	1000	0	90.0	75	125	07/10/2025	
Vanadium		5.0		952	1000	0	95.2	75	125	07/10/2025	
Zinc		15.0		897	1000	0	89.7	75	125	07/10/2025	

Batch 241651		SampType: MSD		Units µg/L				RPD Limit: 20		
SampID: 25061769-057DMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		857	1000	0	85.7	855.1	0.18	07/10/2025
Boron		25.0		1020	1000	83.07	93.3	1007	0.89	07/10/2025
Cadmium		1.0		90.5	100.0	0	90.5	90.25	0.28	07/10/2025
Chromium		1.5		369	400.0	0	92.2	370.8	0.53	07/10/2025
Lead		1.0		921	1000	0	92.1	935.4	1.51	07/10/2025
Selenium		1.0		890	1000	0	89.0	900.1	1.15	07/10/2025
Vanadium		5.0		973	1000	0	97.3	951.8	2.19	07/10/2025
Zinc		15.0		899	1000	0	89.9	896.6	0.29	07/10/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241727		SampType: MBLK		Units µg/L							
SampID: MBLK-241727											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	07/14/2025	
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	07/14/2025	
Boron		25.0		< 25.0	9.250	0	0	-100	100	07/11/2025	
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	07/11/2025	
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	07/11/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100	07/11/2025	
Lead		1.0		< 1.0	0.6000	0	0	-100	100	07/11/2025	
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	07/11/2025	
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	07/11/2025	
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	07/11/2025	
Zinc		15.0		< 15.0	5.900	0	0	-100	100	07/11/2025	

Batch 241727		SampType: LCS		Units µg/L							
SampID: LCS-241727											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		1010	1000	0	101.5	80	120	07/14/2025	
Arsenic		1.0		987	1000	0	98.7	80	120	07/14/2025	
Boron		25.0		934	1000	0	93.4	80	120	07/11/2025	
Cadmium		1.0		96.1	100.0	0	96.1	80	120	07/11/2025	
Chromium		1.5		381	400.0	0	95.2	80	120	07/11/2025	
Iron		25.0		3740	4000	0	93.5	80	120	07/11/2025	
Lead		1.0		893	1000	0	89.3	80	120	07/11/2025	
Manganese		2.0		942	1000	0	94.2	80	120	07/11/2025	
Selenium		1.0		885	1000	0	88.5	80	120	07/11/2025	
Vanadium		5.0		928	1000	0	92.8	80	120	07/11/2025	
Zinc		15.0		961	1000	0	96.1	80	120	07/11/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241727		SampType: MS		Units µg/L						
SampID: 25061769-045CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		946	1000	0	94.6	75	125	07/14/2025
Boron		25.0		958	1000	33.36	92.5	75	125	07/11/2025
Cadmium		1.0		94.7	100.0	0	94.7	75	125	07/11/2025
Chromium		1.5		353	400.0	0.9354	88.1	75	125	07/11/2025
Iron		25.0		3620	4000	104.4	88.0	75	125	07/11/2025
Lead		1.0		882	1000	0	88.2	75	125	07/11/2025
Manganese		2.0		1040	1000	176.8	86.7	75	125	07/11/2025
Selenium		1.0		854	1000	0	85.4	75	125	07/11/2025
Zinc		15.0		889	1000	0	88.9	75	125	07/11/2025

Batch 241727	SampType: MSD	Units µg/L				RPD Limit: 20				
SampID: 25061769-045CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		959	1000	0	95.9	945.6	1.42	07/14/2025
Boron		25.0		1000	1000	33.36	96.8	958.2	4.41	07/11/2025
Cadmium		1.0		93.1	100.0	0	93.1	94.70	1.67	07/11/2025
Chromium		1.5		373	400.0	0.9354	92.9	353.4	5.27	07/11/2025
Iron		25.0		3790	4000	104.4	92.1	3624	4.44	07/11/2025
Lead		1.0		910	1000	0	91.0	882.0	3.15	07/11/2025
Manganese		2.0		1100	1000	176.8	91.9	1044	4.86	07/11/2025
Selenium		1.0		869	1000	0	86.9	853.7	1.82	07/11/2025
Zinc		15.0		918	1000	0	91.8	888.8	3.21	07/11/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241727		SampType: MS		Units µg/L							
SampID: 25061769-082DMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		927	1000	0.4528	92.7	75	125	07/14/2025	
Arsenic		1.0		916	1000	0	91.6	75	125	07/14/2025	
Boron		25.0		959	1000	0	95.9	75	125	07/11/2025	
Cadmium		1.0		94.9	100.0	0	94.9	75	125	07/11/2025	
Chromium		1.5		374	400.0	0	93.5	75	125	07/11/2025	
Iron		25.0		3640	4000	16.89	90.6	75	125	07/11/2025	
Lead		1.0		869	1000	0	86.9	75	125	07/11/2025	
Manganese		2.0		930	1000	0	93.0	75	125	07/11/2025	
Selenium		1.0		870	1000	0	87.0	75	125	07/11/2025	
Vanadium		5.0		906	1000	0	90.6	75	125	07/11/2025	
Zinc		15.0		938	1000	0	93.8	75	125	07/11/2025	

Batch 241727	SampType: MSD	Units µg/L					RPD Limit: 20			
SampID: 25061769-082DMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		965	1000	0.4528	96.5	927.0	4.02	07/14/2025
Arsenic		1.0		950	1000	0	95.0	915.7	3.63	07/14/2025
Boron		25.0		953	1000	0	95.3	958.6	0.59	07/11/2025
Cadmium		1.0		94.9	100.0	0	94.9	94.87	0.02	07/11/2025
Chromium		1.5		368	400.0	0	92.1	374.0	1.56	07/11/2025
Iron		25.0		3620	4000	16.89	90.2	3641	0.49	07/11/2025
Lead		1.0		890	1000	0	89.0	868.5	2.39	07/11/2025
Manganese		2.0		922	1000	0	92.2	929.6	0.83	07/11/2025
Selenium		1.0		859	1000	0	85.9	869.6	1.25	07/11/2025
Vanadium		5.0		902	1000	0	90.2	906.3	0.43	07/11/2025
Zinc		15.0		925	1000	0	92.5	937.8	1.36	07/11/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241752		SampType: MBLK		Units µg/L							Date Analyzed	
SampID: MBLK-241752												
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 241752		SampType: LCS		Units µg/L							
SampID: LCS-241752											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		849	1000	0	84.9	80	120	07/11/2025	
Arsenic		1.0		921	1000	0	92.1	80	120	07/14/2025	
Boron		25.0		943	1000	0	94.3	80	120	07/11/2025	
Cadmium		1.0		98.7	100.0	0	98.7	80	120	07/11/2025	
Chromium		1.5		363	400.0	0	90.7	80	120	07/11/2025	
Iron		25.0		3530	4000	0	88.4	80	120	07/11/2025	
Lead		1.0		875	1000	0	87.5	80	120	07/11/2025	
Manganese		2.0		917	1000	0	91.7	80	120	07/11/2025	
Selenium		1.0		891	1000	0	89.1	80	120	07/11/2025	
Vanadium		5.0		881	1000	0	88.1	80	120	07/11/2025	
Zinc		15.0		920	1000	0	92.0	80	120	07/11/2025	

Batch 241752		SampType: MS		Units µg/L							
SampID: 25061769-057DMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic			1.0		921	1000	7.373	91.4	75	125	07/14/2025

Batch 241752		SampType: MSD		Units µg/L				RPD Limit: 20			
SampID: 25061769-057DMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Arsenic		1.0		920	1000	7.373	91.2	921.1	0.17	07/14/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 242786		SampType: DUP		Units µg/L				RPD Limit: 20			Date Analyzed	
SampID: 25061769-026CDUP												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Selenium		1.0		< 1.0				0	0.00			
											08/04/2025	

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

Batch 241397		SampType: MBLK		Units µg/L							Date Analyzed	
SampID: MBLK-241397												
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	07/03/2025		
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	07/03/2025		
Barium		1.0		< 1.0	0.7000	0	0	-100	100	07/03/2025		
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	07/07/2025		
Boron		25.0		< 25.0	9.250	0	0	-100	100	07/07/2025		
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	07/03/2025		
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	07/07/2025		
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	07/07/2025		
Copper		1.0	S	1.1	0.2980	0	380.8	-100	100	07/07/2025		
Copper		1.0		< 1.0	0.2980	0	0	-100	100	07/08/2025		
Iron		25.0		< 25.0	11.50	0	0	-100	100	07/07/2025		
Lead		1.0		< 1.0	0.6000	0	0	-100	100	07/03/2025		
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	07/07/2025		
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	07/07/2025		
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	07/03/2025		
Silver		1.0		< 1.0	0.1110	0	0	-100	100	07/03/2025		
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	07/03/2025		
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	07/07/2025		
Zinc		15.0		< 15.0	5.900	0	0	-100	100	07/07/2025		



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241397		SampType: LCS		Units µg/L							
SampID: LCS-241397											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Antimony		1.0		1130	1000	0	113.1	80	120	07/03/2025	
Arsenic		1.0		1010	1000	0	100.8	80	120	07/03/2025	
Barium		1.0		3290	4000	0	82.4	80	120	07/08/2025	
Beryllium		1.0		84.8	100.0	0	84.8	80	120	07/09/2025	
Boron		25.0		882	1000	0	88.2	80	120	07/09/2025	
Cadmium		1.0		110	100.0	0	109.9	80	120	07/03/2025	
Chromium		1.5		440	400.0	0	109.9	80	120	07/07/2025	
Cobalt		1.0		1050	1000	0	105.3	80	120	07/07/2025	
Copper		1.0	B	543	500.0	0	108.5	80	120	07/07/2025	
Iron		25.0		4230	4000	0	105.7	80	120	07/07/2025	
Lead		1.0		1030	1000	0	103.3	80	120	07/03/2025	
Manganese		2.0		874	1000	0	87.4	80	120	07/09/2025	
Nickel		1.0		1050	1000	0	104.6	80	120	07/07/2025	
Selenium		1.0		1150	1000	0	115.0	80	120	07/03/2025	
Silver		1.0		112	100.0	0	111.9	80	120	07/03/2025	
Thallium		2.0		500	500.0	0	100.0	80	120	07/03/2025	
Vanadium		5.0		1050	1000	0	105.2	80	120	07/07/2025	
Zinc		15.0		1010	1000	0	100.8	80	120	07/07/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241456 SampType: MBLK Units µg/L

SampID: MBLK-241456

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	07/07/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	07/07/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	07/07/2025
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	07/07/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	07/07/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	07/07/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	07/07/2025
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	07/07/2025
Copper		1.0		< 1.0	0.2980	0	0	-100	100	07/07/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	07/07/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	07/07/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	07/07/2025
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	07/07/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	07/07/2025
Silver		1.0		< 1.0	0.1110	0	0	-100	100	07/07/2025
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	07/07/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	07/07/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	07/07/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241456		SampType: LCS		Units µg/L							
SampID: LCS-241456											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		1020	1000	0	102.4	80	120	07/08/2025	
Arsenic		1.0		905	1000	0	90.5	80	120	07/08/2025	
Barium		1.0		3970	4000	0	99.3	80	120	07/08/2025	
Beryllium		1.0		89.9	100.0	0	89.9	80	120	07/08/2025	
Boron		25.0		927	1000	0	92.7	80	120	07/08/2025	
Cadmium		1.0		90.9	100.0	0	90.9	80	120	07/08/2025	
Chromium		1.5		435	400.0	0	108.7	80	120	07/07/2025	
Cobalt		1.0		1020	1000	0	101.6	80	120	07/07/2025	
Copper		1.0		511	500.0	0	102.1	80	120	07/07/2025	
Iron		25.0		4150	4000	0	103.7	80	120	07/07/2025	
Lead		1.0		1020	1000	0	102.4	80	120	07/08/2025	
Nickel		1.0		1000	1000	0	100.5	80	120	07/07/2025	
Selenium		1.0		1000	1000	0	100.0	80	120	07/08/2025	
Silver		1.0		88.8	100.0	0	88.8	80	120	07/08/2025	
Thallium		2.0		483	500.0	0	96.6	80	120	07/09/2025	
Vanadium		5.0		1050	1000	0	105.2	80	120	07/07/2025	
Zinc		15.0		977	1000	0	97.7	80	120	07/07/2025	

Batch 241456		SampType: MS		Units µg/L							
SampID: 25061769-058CMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Boron		25.0		1110	1000	91.55	101.6	75	125	07/08/2025	

Batch 241456		SampType: MSD		Units µg/L				RPD Limit: 20			
SampID: 25061769-058CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron			25.0		1060	1000	91.55	97.2	1108	4.08	07/08/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241640 SampType: MBLK Units µg/L

SampleID: MBLK-241640

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	07/10/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	07/10/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	07/10/2025
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	07/10/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	07/10/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	07/10/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	07/10/2025
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	07/10/2025
Copper		1.0		< 1.0	0.2980	0	0	-100	100	07/10/2025
Iron		25.0	JS	13	11.50	0	115.9	-100	100	07/10/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	07/10/2025
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	07/10/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	07/10/2025
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	07/10/2025
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	07/10/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	07/10/2025
Silver		1.0		< 1.0	0.1110	0	0	-100	100	07/10/2025
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	07/10/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	07/10/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	07/10/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241640		SampType: LCS		Units µg/L							Date Analyzed
SampID: LCS-241640											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		895	1000	0	89.5	80	120	07/10/2025	
Barium		1.0		4090	4000	0	102.3	80	120	07/10/2025	
Beryllium		1.0		94.3	100.0	0	94.3	80	120	07/10/2025	
Boron		25.0		944	1000	0	94.4	80	120	07/10/2025	
Cadmium		1.0		97.6	100.0	0	97.6	80	120	07/10/2025	
Chromium		1.5		393	400.0	0	98.3	80	120	07/10/2025	
Cobalt		1.0		984	1000	0	98.4	80	120	07/10/2025	
Copper		1.0		508	500.0	0	101.5	80	120	07/10/2025	
Iron		25.0	B	3830	4000	0	95.7	80	120	07/10/2025	
Lead		1.0		970	1000	0	97.0	80	120	07/10/2025	
Lithium	*	3.0		933	1000	0	93.3	80	120	07/10/2025	
Manganese		2.0		989	1000	0	98.9	80	120	07/10/2025	
Molybdenum		1.5		986	1000	0	98.6	80	120	07/10/2025	
Nickel		1.0		993	1000	0	99.3	80	120	07/10/2025	
Selenium		1.0		952	1000	0	95.2	80	120	07/10/2025	
Silver		1.0		106	100.0	0	106.3	80	120	07/10/2025	
Thallium		2.0		482	500.0	0	96.5	80	120	07/10/2025	
Vanadium		5.0		987	1000	0	98.7	80	120	07/10/2025	
Zinc		15.0		989	1000	0	98.9	80	120	07/10/2025	

Batch 241640		SampType: MS		Units µg/L							
SampID: 25061769-004CMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		968	1000	0	96.8	75	125	07/10/2025	
Barium		1.0		4280	4000	13.85	106.7	75	125	07/10/2025	
Beryllium		1.0		102	100.0	0	101.7	75	125	07/10/2025	
Boron		25.0		1150	1000	126.6	101.9	75	125	07/10/2025	
Cadmium		1.0		99.9	100.0	0	99.9	75	125	07/10/2025	
Chromium		1.5		419	400.0	1.590	104.2	75	125	07/10/2025	
Cobalt		1.0		1080	1000	15.03	106.2	75	125	07/10/2025	
Lead		1.0		1060	1000	0.9929	105.7	75	125	07/10/2025	
Lithium	*	3.0		1110	1000	117.0	99.6	75	125	07/10/2025	
Molybdenum		1.5		1100	1000	1.224	110.0	75	125	07/10/2025	
Selenium		1.0		974	1000	0	97.4	75	125	07/10/2025	
Thallium		2.0		530	500.0	0	106.0	75	125	07/10/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241640		SampType: MSD		Units µg/L				RPD Limit: 20		
SampID: 25061769-004CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		915	1000	0	91.5	967.6	5.56	07/10/2025
Barium		1.0		4060	4000	13.85	101.1	4281	5.38	07/10/2025
Beryllium		1.0		96.6	100.0	0	96.6	101.7	5.23	07/10/2025
Boron		25.0		1080	1000	126.6	95.2	1145	6.01	07/10/2025
Cadmium		1.0		94.3	100.0	0	94.3	99.89	5.72	07/10/2025
Chromium		1.5		392	400.0	1.590	97.5	418.5	6.60	07/10/2025
Cobalt		1.0		1010	1000	15.03	99.6	1077	6.36	07/10/2025
Lead		1.0		1010	1000	0.9929	101.3	1058	4.29	07/10/2025
Lithium	*	3.0		1040	1000	117.0	92.2	1113	6.87	07/10/2025
Molybdenum		1.5		1050	1000	1.224	104.6	1101	5.02	07/10/2025
Selenium		1.0		929	1000	0	92.9	973.5	4.71	07/10/2025
Thallium		2.0		519	500.0	0	103.9	529.8	1.99	07/10/2025

Batch 241640		SampType: MS		Units µg/L						
SampID: 25061769-015BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		894	1000	0	89.4	75	125	07/10/2025
Barium		1.0		3940	4000	27.87	97.9	75	125	07/10/2025
Beryllium		1.0		102	100.0	0	102.3	75	125	07/10/2025
Boron		25.0		1820	1000	817.4	100.2	75	125	07/10/2025
Cadmium		1.0		93.6	100.0	0	93.6	75	125	07/10/2025
Chromium		1.5		383	400.0	0.7024	95.7	75	125	07/10/2025
Cobalt		1.0		938	1000	0.8085	93.7	75	125	07/10/2025
Lead		1.0		957	1000	0	95.7	75	125	07/10/2025
Lithium	*	3.0		1000	1000	28.75	97.5	75	125	07/10/2025
Molybdenum		1.5		971	1000	0	97.1	75	125	07/10/2025
Selenium		1.0		917	1000	0	91.7	75	125	07/10/2025
Thallium		2.0		480	500.0	0	96.0	75	125	07/10/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241640		SampType: MSD		Units µg/L				RPD Limit: 20		
SampleID: 25061769-015BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		927	1000	0	92.7	893.7	3.64	07/10/2025
Barium		1.0		4270	4000	27.87	106.1	3944	7.94	07/10/2025
Beryllium		1.0		103	100.0	0	102.8	102.3	0.53	07/10/2025
Boron		25.0		1840	1000	817.4	102.8	1819	1.42	07/10/2025
Cadmium		1.0		98.5	100.0	0	98.5	93.62	5.06	07/10/2025
Chromium		1.5		404	400.0	0.7024	100.8	383.5	5.18	07/10/2025
Cobalt		1.0		989	1000	0.8085	98.8	938.0	5.31	07/10/2025
Lead		1.0		1000	1000	0	100.3	957.3	4.67	07/10/2025
Lithium	*	3.0		1010	1000	28.75	98.4	1004	0.84	07/10/2025
Molybdenum		1.5		1010	1000	0	101.0	970.8	3.95	07/10/2025
Selenium		1.0		959	1000	0	95.9	916.9	4.54	07/10/2025
Thallium		2.0		504	500.0	0	100.8	480.0	4.88	07/10/2025

Batch 241641		SampType: MBLK		Units µg/L						
SampleID: MBLK-241641										
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	07/10/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	07/10/2025
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	07/10/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	07/10/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	07/10/2025
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	07/10/2025
Copper		1.0		< 1.0	0.2980	0	0	-100	100	07/10/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	07/10/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	07/10/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	07/10/2025
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	07/10/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	07/10/2025
Silver		1.0		< 1.0	0.1110	0	0	-100	100	07/10/2025
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	07/10/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	07/10/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	07/10/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241641 SampType: LCS Units µg/L

SampleID: LCS-241641

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		896	1000	0	89.6	80	120	07/10/2025
Barium		1.0		4170	4000	0	104.2	80	120	07/10/2025
Beryllium		1.0		98.7	100.0	0	98.7	80	120	07/10/2025
Boron		25.0		981	1000	0	98.1	80	120	07/10/2025
Chromium		1.5		401	400.0	0	100.2	80	120	07/10/2025
Cobalt		1.0		961	1000	0	96.1	80	120	07/10/2025
Copper		1.0		504	500.0	0	100.7	80	120	07/10/2025
Iron		25.0		3810	4000	0	95.2	80	120	07/10/2025
Lead		1.0		950	1000	0	95.0	80	120	07/10/2025
Manganese		2.0		1000	1000	0	100.2	80	120	07/10/2025
Nickel		1.0		996	1000	0	99.6	80	120	07/10/2025
Selenium		1.0		963	1000	0	96.3	80	120	07/10/2025
Silver		1.0		103	100.0	0	102.8	80	120	07/10/2025
Thallium		2.0		465	500.0	0	93.1	80	120	07/10/2025
Vanadium		5.0		1040	1000	0	104.4	80	120	07/10/2025
Zinc		15.0		983	1000	0	98.3	80	120	07/10/2025

Batch 241641 SampType: MS Units µg/L

SampleID: 25061769-057CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		25.0		1100	1000	94.45	100.9	75	125	07/10/2025

Batch 241641 SampType: MSD Units µg/L

SampleID: 25061769-057CMSD

RPD Limit: 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron		25.0		1070	1000	94.45	98.0	1103	2.65	07/10/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241709 SampType: MBLK Units µg/L

SampleID: MBLK-241709

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	07/11/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	07/14/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	07/11/2025
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	07/11/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	07/11/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	07/11/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	07/11/2025
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	07/11/2025
Copper		1.0		< 1.0	0.2980	0	0	-100	100	07/11/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	07/11/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	07/11/2025
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	07/11/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	07/11/2025
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	07/11/2025
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	07/11/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	07/11/2025
Silver		1.0		< 1.0	0.1110	0	0	-100	100	07/11/2025
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	07/11/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	07/11/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	07/11/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241709 SampType: LCS Units µg/L

SampleID: LCS-241709

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		999	1000	0	99.9	80	120	07/11/2025
Arsenic		1.0		1040	1000	0	104.3	80	120	07/14/2025
Barium		1.0		4220	4000	0	105.5	80	120	07/11/2025
Beryllium		1.0		108	100.0	0	107.6	80	120	07/11/2025
Boron		25.0		1100	1000	0	109.6	80	120	07/11/2025
Cadmium		1.0		114	100.0	0	114.2	80	120	07/11/2025
Chromium		1.5		411	400.0	0	102.9	80	120	07/11/2025
Cobalt		1.0		996	1000	0	99.6	80	120	07/11/2025
Copper		1.0		551	500.0	0	110.3	80	120	07/15/2025
Iron		25.0		4020	4000	0	100.5	80	120	07/11/2025
Lead		1.0		1020	1000	0	102.0	80	120	07/11/2025
Lithium	*	3.0		1070	1000	0	107.2	80	120	07/11/2025
Manganese		2.0		1020	1000	0	102.3	80	120	07/11/2025
Molybdenum		1.5		968	1000	0	96.8	80	120	07/11/2025
Nickel		1.0		1020	1000	0	101.9	80	120	07/11/2025
Selenium		1.0		1020	1000	0	101.6	80	120	07/11/2025
Silver		1.0		112	100.0	0	112.0	80	120	07/11/2025
Thallium		2.0		485	500.0	0	96.9	80	120	07/11/2025
Vanadium		5.0		1030	1000	0	102.5	80	120	07/11/2025
Zinc		15.0		1050	1000	0	105.4	80	120	07/11/2025

Batch 241750 SampType: MBLK Units µg/L

SampleID: MBLK-241750

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	07/14/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	07/11/2025

Batch 241750 SampType: LCS Units µg/L

SampleID: LCS-241750

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		1030	1000	0	103.3	80	120	07/14/2025
Chromium		1.5		416	400.0	0	104.0	80	120	07/11/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241750 SampType: MS Units µg/L

SampID: 25061769-004CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		1040	1000	1.799	103.4	75	125	07/14/2025

Batch 241750 SampType: MSD Units µg/L

RPD Limit: 20

SampID: 25061769-004CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		1040	1000	1.799	103.5	1036	0.12	07/14/2025

Batch 241751 SampType: MBLK Units µg/L

SampID: MBLK-241751

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	07/12/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	07/12/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	07/12/2025
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	07/12/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	07/12/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	07/12/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	07/12/2025
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	07/12/2025
Copper		1.0		< 1.0	0.2980	0	0	-100	100	07/12/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	07/12/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	07/12/2025
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	07/12/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	07/12/2025
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	07/12/2025
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	07/12/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	07/12/2025
Silver		1.0		< 1.0	0.1110	0	0	-100	100	07/12/2025
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	07/12/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	07/12/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	07/12/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241751 SampType: LCS Units µg/L

SampleID: LCS-241751

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		972	1000	0	97.2	80	120	07/12/2025
Arsenic		1.0		974	1000	0	97.4	80	120	07/12/2025
Barium		1.0		4140	4000	0	103.5	80	120	07/12/2025
Beryllium		1.0		102	100.0	0	102.4	80	120	07/12/2025
Boron		25.0		1060	1000	0	106.2	80	120	07/12/2025
Cadmium		1.0		112	100.0	0	112.2	80	120	07/12/2025
Chromium		1.5		401	400.0	0	100.3	80	120	07/12/2025
Cobalt		1.0		970	1000	0	97.0	80	120	07/12/2025
Copper		1.0		500	500.0	0	100.1	80	120	07/12/2025
Iron		25.0		3890	4000	0	97.3	80	120	07/12/2025
Lead		1.0		975	1000	0	97.5	80	120	07/12/2025
Lithium	*	3.0		1030	1000	0	103.2	80	120	07/12/2025
Manganese		2.0		997	1000	0	99.7	80	120	07/12/2025
Molybdenum		1.5		953	1000	0	95.3	80	120	07/12/2025
Nickel		1.0		990	1000	0	99.0	80	120	07/12/2025
Selenium		1.0		1010	1000	0	101.1	80	120	07/12/2025
Silver		1.0		110	100.0	0	110.1	80	120	07/12/2025
Thallium		2.0		463	500.0	0	92.7	80	120	07/12/2025
Vanadium		5.0		991	1000	0	99.1	80	120	07/12/2025
Zinc		15.0		1020	1000	0	102.3	80	120	07/12/2025

Batch 241751 SampType: MS Units µg/L

SampleID: 25061769-015BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		1010	1000	0	101.2	75	125	07/12/2025

Batch 241751 SampType: MSD Units µg/L

SampleID: 25061769-015BMDS

RPD Limit: 20

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		1020	1000	0	102.1	1012	0.83	07/12/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 241751		SampType: MS		Units µg/L							Date Analyzed
SampID: 25061769-080IMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		916	1000	0.5128	91.5	75	125	07/12/2025	
Arsenic		1.0		994	1000	44.40	94.9	75	125	07/12/2025	
Barium		1.0		4060	4000	198.0	96.5	75	125	07/12/2025	
Beryllium		1.0		95.0	100.0	0	95.0	75	125	07/12/2025	
Boron		25.0		1200	1000	208.9	99.5	75	125	07/12/2025	
Cadmium		1.0		103	100.0	0	103.4	75	125	07/12/2025	
Chromium		1.5		372	400.0	2.521	92.5	75	125	07/12/2025	
Cobalt		1.0		906	1000	1.982	90.4	75	125	07/12/2025	
Copper		1.0		468	500.0	22.43	89.1	75	125	07/12/2025	
Iron		25.0		8560	4000	5302	81.4	75	125	07/12/2025	
Lead		1.0		961	1000	0.9101	96.0	75	125	07/12/2025	
Manganese		2.0		991	1000	87.36	90.4	75	125	07/12/2025	
Nickel		1.0		905	1000	1.482	90.4	75	125	07/12/2025	
Selenium		1.0		942	1000	0	94.2	75	125	07/12/2025	
Silver		1.0		102	100.0	0	102.3	75	125	07/12/2025	
Thallium		2.0		409	500.0	0	81.8	75	125	07/12/2025	
Vanadium		5.0		958	1000	0	95.8	75	125	07/12/2025	
Zinc		15.0		927	1000	13.75	91.3	75	125	07/12/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch	241751	SampType:	MSD	Units µg/L				RPD Limit: 20			
SampleID: 25061769-080IMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony			1.0		960	1000	0.5128	95.9	915.8	4.67	07/12/2025
Arsenic			1.0		1050	1000	44.40	100.7	993.7	5.60	07/12/2025
Barium			1.0		4210	4000	198.0	100.3	4057	3.68	07/12/2025
Beryllium			1.0		98.1	100.0	0	98.1	94.99	3.22	07/12/2025
Boron			25.0		1250	1000	208.9	103.9	1204	3.62	07/12/2025
Cadmium			1.0		107	100.0	0	107.4	103.4	3.87	07/12/2025
Chromium			1.5		391	400.0	2.521	97.1	372.5	4.82	07/12/2025
Cobalt			1.0		949	1000	1.982	94.7	906.3	4.61	07/12/2025
Copper			1.0		494	500.0	22.43	94.4	467.8	5.55	07/12/2025
Iron			25.0		9080	4000	5302	94.3	8557	5.88	07/12/2025
Lead			1.0		988	1000	0.9101	98.7	960.5	2.79	07/12/2025
Manganese			2.0		1040	1000	87.36	95.0	991.0	4.57	07/12/2025
Nickel			1.0		948	1000	1.482	94.7	905.1	4.65	07/12/2025
Selenium			1.0		976	1000	0	97.6	942.4	3.51	07/12/2025
Silver			1.0		105	100.0	0	104.8	102.3	2.47	07/12/2025
Thallium			2.0		447	500.0	0	89.4	409.0	8.87	07/12/2025
Vanadium			5.0		1000	1000	0	100.1	958.1	4.42	07/12/2025
Zinc			15.0		975	1000	13.75	96.2	926.8	5.11	07/12/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 242133 SampType: MBLK Units µg/L

SampleID: MBLK-242133

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	07/23/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	07/23/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	07/23/2025
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	07/23/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	07/23/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	07/23/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	07/23/2025
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	07/23/2025
Copper		1.0		< 1.0	0.2980	0	0	-100	100	07/23/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	07/23/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	07/23/2025
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	07/23/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	07/23/2025
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	07/23/2025
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	07/23/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	07/23/2025
Silver		1.0		< 1.0	0.1110	0	0	-100	100	07/23/2025
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	07/23/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	07/23/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	07/23/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 242133		SampType: LCS		Units µg/L							Date Analyzed
SampID: LCS-242133											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		1100	1000	0	110.3	80	120	07/23/2025	
Arsenic		1.0		1070	1000	0	107.3	80	120	07/23/2025	
Barium		1.0		4040	4000	0	100.9	80	120	07/23/2025	
Beryllium		1.0		104	100.0	0	103.6	80	120	07/23/2025	
Boron		25.0		951	1000	0	95.1	80	120	07/23/2025	
Cadmium		1.0		113	100.0	0	113.2	80	120	07/23/2025	
Chromium		1.5		430	400.0	0	107.4	80	120	07/23/2025	
Cobalt		1.0		935	1000	0	93.5	80	120	07/23/2025	
Copper		1.0		520	500.0	0	104.0	80	120	07/23/2025	
Iron		25.0		4110	4000	0	102.7	80	120	07/23/2025	
Lead		1.0		1030	1000	0	103.2	80	120	07/23/2025	
Lithium	*	3.0		1030	1000	0	102.5	80	120	07/23/2025	
Manganese		2.0		1060	1000	0	105.7	80	120	07/23/2025	
Molybdenum		1.5		1070	1000	0	107.4	80	120	07/23/2025	
Nickel		1.0		1040	1000	0	103.9	80	120	07/23/2025	
Selenium		1.0		1080	1000	0	107.8	80	120	07/23/2025	
Silver		1.0		111	100.0	0	110.6	80	120	07/23/2025	
Thallium		2.0		506	500.0	0	101.1	80	120	07/23/2025	
Vanadium		5.0		1070	1000	0	107.4	80	120	07/23/2025	
Zinc		15.0		986	1000	0	98.6	80	120	07/23/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 242133		SampType: MS		Units µg/L						
SampID: 25070001-061BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		1020	1000	0	101.9	75	125	07/23/2025
Arsenic		1.0		1060	1000	0.4305	105.7	75	125	07/23/2025
Barium		1.0	S	2320	4000	22.87	57.4	75	125	07/25/2025
Beryllium		1.0		97.8	100.0	0	97.8	75	125	07/23/2025
Boron		25.0		3150	1000	2107	103.9	75	125	07/23/2025
Cadmium		1.0		105	100.0	0	104.8	75	125	07/23/2025
Chromium		1.5		400	400.0	0.7835	99.9	75	125	07/23/2025
Cobalt		1.0		904	1000	0.2243	90.3	75	125	07/23/2025
Lead		1.0		1020	1000	0	101.6	75	125	07/23/2025
Lithium	*	3.0		986	1000	5.725	98.0	75	125	07/23/2025
Molybdenum		1.5		1070	1000	0.7666	106.6	75	125	07/23/2025
Selenium		1.0		1030	1000	0	102.7	75	125	07/23/2025
Thallium		2.0		514	500.0	0	102.7	75	125	07/23/2025

Batch 242133		SampType: MSD		Units µg/L				RPD Limit: 20		
SampID: 25070001-061BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		1060	1000	0	105.7	1019	3.70	07/23/2025
Arsenic		1.0		1070	1000	0.4305	106.9	1058	1.12	07/23/2025
Barium		1.0	S	2330	4000	22.87	57.6	2318	0.40	07/25/2025
Beryllium		1.0		100	100.0	0	100.1	97.75	2.32	07/23/2025
Boron		25.0		3260	1000	2107	114.9	3145	3.44	07/23/2025
Cadmium		1.0		108	100.0	0	108.0	104.8	3.00	07/23/2025
Chromium		1.5		411	400.0	0.7835	102.4	400.4	2.49	07/23/2025
Cobalt		1.0		915	1000	0.2243	91.5	903.6	1.27	07/23/2025
Lead		1.0		1040	1000	0	104.3	1016	2.62	07/23/2025
Lithium	*	3.0		1010	1000	5.725	100.2	985.7	2.24	07/23/2025
Molybdenum		1.5		1090	1000	0.7666	108.4	1067	1.71	07/23/2025
Selenium		1.0		1030	1000	0	103.2	1027	0.48	07/23/2025
Thallium		2.0		523	500.0	0	104.5	513.6	1.71	07/23/2025

Batch 242133		SampType: MS		Units µg/L							
SampID: 25070001-091CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Boron		25.0		1000	1000	21.74	98.3	75	125	07/23/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

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

Batch 242133		SampType: MSD		Units µg/L				RPD Limit: 20			
SampID: 25070001-091CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Boron			25.0		1020	1000	21.74	100.0	1005	1.65	07/23/2025

Batch 242779		SampType: MBLK		Units µg/L							
SampID: MBLK-242779											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Boron		25.0		< 25.0	9.250	0	0	-100	100	08/04/2025	
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	08/04/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100	08/04/2025	

Batch 242779		SampType: LCS		Units µg/L						
SampID: LCS-242779										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Boron		25.0		971	1000	0	97.1	80	120	08/04/2025
Chromium		1.5		394	400.0	0	98.5	80	120	08/04/2025
Iron		25.0		4060	4000	0	101.4	80	120	08/04/2025

Batch 242779		SampType: DUP		Units µg/L				RPD Limit: 20			Date Analyzed	
SampID: 25061769-075BDUP												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Boron			25.0		94.4				87.08	8.11	08/04/2025	

Batch 242779		SampType: DUP		Units µg/L				RPD Limit: 20				Date Analyzed
SampID: 25061769-079CDUP												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Boron			25.0		92.5				108.9	16.31	08/04/2025	

Batch 242779		SampType: DUP		Units µg/L				RPD Limit: 20			
SampID: 25061769-082CDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chromium			1.5		< 1.5				0	0.00	08/04/2025
Iron			25.0		< 25.0				0	0.00	08/04/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW-846 7470A (DISSOLVED)

Batch 241652		SampType: MS		Units µg/L							
SampID: 25061769-081DMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Mercury		0.20		4.82	5.000	0	96.4	75	125	07/09/2025	

Batch 241652		SampType: MSD		Units µg/L				RPD Limit: 15			
SampID: 25061769-081DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		4.76	5.000	0	95.1	4.822	1.39	07/09/2025

Batch 241711		SampType: MS		Units µg/L							
SampID: 25061769-045CMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Mercury		0.20		4.87	5.000	0	97.5	75	125	07/10/2025	

Batch 241711		SampType: MSD		Units µg/L					RPD Limit: 15		
SampID: 25061769-045CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		4.83	5.000	0	96.7	4.873	0.80	07/10/2025

SW-846 7470A (TOTAL)

Batch 241399		SampType: MBLK		Units µg/L							
SampID: MBLK-241399											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	07/03/2025	

Batch 241399		SampType: LCS		Units µg/L							
SampID: LCS-241399											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.86	5.000	0	97.2	85	115	07/03/2025	

Batch 241399		SampType: MS		Units µg/L							
SampID: 25061769-001IMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		5.07	5.000	0	101.5	75	125	07/03/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW-846 7470A (TOTAL)

Batch 241399		SampType: MSD		Units µg/L				RPD Limit: 15			
SampID: 25061769-001IMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		5.17	5.000	0	103.4	5.075	1.88	07/03/2025

Batch 241523		SampType: MBLK		Units µg/L							
SampID: MBLK-241523											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	07/08/2025	

Batch 241523		SampType: LCS		Units µg/L							
SampID: LCS-241523											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		5.04	5.000	0	100.9	85	115	07/08/2025	

Batch 241523		SampType: MS		Units µg/L							
SampID: 25061769-051IMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.83	5.000	0.06010	95.3	75	125	07/08/2025	

Batch 241523		SampType: MSD		Units µg/L				RPD Limit: 15			Date Analyzed	
SampID: 25061769-051IMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Mercury			0.20		4.82	5.000	0.06010	95.2	4.826	0.09	07/08/2025	

Batch 241644		SampType: MBLK		Units µg/L							Date Analyzed	
SampID: MBLK-241644												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	07/09/2025		

Batch 241644		SampType: LCS		Units µg/L							
SampID: LCS-241644											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		5.06	5.000	0	101.2	85	115	07/09/2025	

Batch 241644		SampType: MS		Units µg/L							Date Analyzed
SampID: 25061769-008BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.20		4.92	5.000	0	98.3	75	125	07/09/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW-846 7470A (TOTAL)

Batch 241644		SampType: MSD		Units µg/L				RPD Limit: 15			
SampID: 25061769-008BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		4.90	5.000	0	98.0	4.917	0.40	07/09/2025

Batch 241644		SampType: MS		Units µg/L							
SampID: 25061769-015BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.55	5.000	0	91.1	75	125	07/09/2025	

Batch 241644		SampType: MSD		Units µg/L		RPD Limit: 15					Date Analyzed
SampID: 25061769-015BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Mercury			0.20		4.58	5.000	0	91.6	4.554	0.60	07/09/2025

Batch 241645		SampType: MBLK		Units µg/L							
SampID: MBLK-241645											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	07/09/2025	

Batch 241645		SampType: LCS		Units µg/L							
SampID: LCS-241645										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.20		5.07	5.000	0	101.5	85	115	07/09/2025	

Batch 241645		SampType: MS		Units µg/L							
SampID: 25061769-069IMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		5.18	5.000	0	103.5	75	125	07/09/2025	

Batch 241645		SampType: MSD		Units µg/L				RPD Limit: 15			
SampID: 25061769-069IMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		5.08	5.000	0	101.5	5.175	1.94	07/09/2025

Batch 241645		SampType: MS		Units µg/L							
SampID: 25061769-070IMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		5.08	5.000	0	101.6	75	125	07/09/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

SW-846 7470A (TOTAL)

Batch 241645		SampType: MSD		Units µg/L				RPD Limit: 15			
SampID: 25061769-070IMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		4.98	5.000	0	99.5	5.079	2.05	07/09/2025

Batch 241652		SampType: MBLK		Units µg/L							
SampID: MBLK-241652											
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	07/09/2025	

Batch 241652		SampType: LCS		Units µg/L							
SampID: LCS-241652											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.20		4.85	5.000	0	97.0	85	115	07/09/2025	

Batch 241711		SampType: MBLK		Units µg/L							
SampID: MBLK-241711											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.20		< 0.20	0.0550	0	0	-100	100	07/10/2025	

Batch 241711		SampType: LCS		Units µg/L							
SampID: LCS-241711											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.20		5.12	5.000	0	102.4	85	115	07/10/2025	

Batch 241711		SampType: MS		Units µg/L							
SampID: 25061769-010BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		5.05	5.000	0	101.0	75	125	07/10/2025	

Batch 241711		SampType: MSD		Units µg/L				RPD Limit: 15			
SampID: 25061769-010BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		4.92	5.000	0	98.4	5.051	2.60	07/10/2025



Receiving Check List

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061769

Client Project: NEW-25Q3

Report Date: 08-Aug-25

Carrier: Daniel Crump

Received By: LEH

Completed by:

On:

02-Jul-25

Laura E Henson

Reviewed by:

On:

10-Jul-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 3.7
Type of thermal preservation?	None ☐	Ice ☒	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☒	No ☐		
Chain of custody signed when relinquished and received?	Yes ☒	No ☐		
Chain of custody agrees with sample labels?	Yes ☒	No ☐		
Samples in proper container/bottle?	Yes ☒	No ☐		
Sample containers intact?	Yes ☒	No ☐		
Sufficient sample volume for indicated test?	Yes ☒	No ☐		
All samples received within holding time?	Yes ☒	No ☐		
Reported field parameters measured:	Field ☒	Lab ☐	NA ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐		

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

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

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

pH strip #101358/99858. - NO/lhenson - 7/2/2025 8:40:50 AM

Additional sodium hydroxide (105372) was needed in A213, G105, and G106 upon arrival at the laboratory. - NO/lhenson - 7/2/2025 8:41:00 AM

Samples were received on 7/2/25 at 1536 on ice/blue ice [4.1/6.1C - LTG#5]. pH strip #98858/101358. Additional Sodium Hydroxide (105372) was needed upon arrival at the laboratory for G139, G221 and G232. Additional Nitric Acid (104184) was needed upon arrival at the laboratory for G220, G221, G222, G223 and G233. - JD/amberdilallo - 7/2/2025 5:07:42 PM

Samples were received on 7/8/25 at 16:30 on ice [temp: 1.1C, 1.5C, 0.3C, 1.7C, 2.9C, 3.7C - LTG#9]. pH# 101358/98858. Headspace was present one of the R219 Duplicate volatile vials. Additional nitric acid (104184) was needed in A214, APW02, APW12, APW14, APW15, APW16, G06D, R217D, R219, and R219 Duplicate upon arrival at the laboratory. Additional sodium hydroxide (105372) was needed in G133, G217S, R217D, R219, G217S Duplicate upon arrival at the laboratory..- lhenson - 7/9/2025 8:04:38 AM

Samples were received on 7/9/25 at 15:00 on ice [temp: 15.7C, 3.9C, 7.1C, 13.7C, and 2.9C - LTG#9]. pH#101358/98858. Additional nitric acid (104184) was needed in A215, APW07, L1R, and A215 Duplicate upon arrival at the laboratory. Additional sodium hydroxide (105372) was needed in G125, G128, G136, G230, A215 Duplicate, and G125 Duplicate upon arrival at the laboratory. Headspace is present in one A215 volatile vial and one Field Blank volatile vial. Equipment Blank and Field Blank were filtered and preserved with nitric acid (104184) and sulfuric acid (102981) upon arrival at the laboratory. - EK/lhenson - 7/9/2025 4:50:54 PM

Samples were received on 7/17/25 at 1430 on ice [2.3C - LTG#5]. pH strip #101358. - LH/amberdilallo - 7/18/2025 9:32:54 AM

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

25061769

Page: 1 of 6

Section B

Section C

Required Project Information:

Invoice Information:

Company: Vistra Corp-Newton		Report To: Brian Voelker		Attention: Brian Voelker				
Address: 6725 N. 500th St		Copy To: Kyle Ochs - kyle.ochs@vistracorp.com		Company Name: Vistra Corp		REGULATORY AGENCY		
Newton, IL 62448				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 <u>MATRIX</u> <u>CODE</u> DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C-COMP)	COLLECTED		DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives									$\downarrow$ Analysis Test $\uparrow$	Requested Analysis Filtered (Y/N)								Residual Chlorine (Y/N)	Project No./ Lab I.D.								
											Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	NEW-257-501		NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501													
1	A213	WT G	7-1-25	1435						14	7	1	2	3	1				X																25061769-001			
2	A214	WT G								14	7	1	2	3	1				X															25061769-002				
3	A215	WT G								15	7	2	2	3	1				X															25061769-003				
4	APW02	WT G								4	2		2						X															25061769-004				
5	APW03	WT G								4	2		2						X															25061769-005				
6	APW04	WT G								4	2		2						X															25061769-006				
7	APW05	WT G								2	1		1						X															25061769-007				
8	APW05S	WT G								2	1		1						X															25061769-008				
9	APW06	WT G								2	1		1						X															25061769-009				
10	APW07	WT G								2	1		1						X															25061769-010				
11	APW08	WT G								2	1		1						X															25061769-011				
12	APW09	WT G								2	1		1						X															25061769-012				
13	APW10	WT G								2	1		1						X															25061769-013				
14	APW11	WT G								2	1		1						X															25061769-014				
15	APW12	WT G								2	1		1						X															25061769-015				
16	APW13	WT G								2	1		1						X															25061769-016				
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE			TIME			ACCEPTED BY / AFFILIATION			DATE			TIME			SAMPLE CONDITIONS																	
NEW-25Q3 Rev 1			[Signature]			7-1			1650			[Signature]			7/1/25			1650			3.7 > z																	

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Gop					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 7-1-25				

PHV/101558/988558 Added NaOH(105372)
to all NaOH bottles No 7/2/25

37 ice Lhas

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

REPORT - QUARTER 3, 2011
PLANT - PRIMARY ASPIC

Page: 2 of 6

Required Client Information:

Company:	Vistra Corp-Newton	
Address:	6725 N. 500th St	
	Newton, IL 62448	
Email To:	Brian.Voelker@VistraCorp.com	
Phone:	(217) 753-8911	Fax:
Requested Due Date/TAT:		10 day

Required Project Information:

Report To: Brian Voelker
Copy To: Kyle Ochs - kyle.ochs@vistracorp.com
Purchase Order No.:
Project Name:
Project Number:

Invoice Information:

Attention:	Brian Voelker
Company Name:	Vistra Corp
Address:	see Section A
Quote Reference:	
Project Manager:	
Profile #:	

REGULATORY AGENCY

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

Requested Analysis Filtered (Y/N)

[illegible]**SAMPLER NAME AND SIGNATURE**

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER

DATE Signed
(MM/DD/YY):

7-1-25

Temp in °C

Received on

Custody Sealed Cooler (Y/N)

Samples
Intact (Y/N)

3.7 ice UCoS

4.1, 6.1 #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 - WATER 2015
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

25061769 7/2/25

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 2 of 6	
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: Kyle Ochs - kyle.ochs@vistracorp.com		Company Name: Vistra Corp			
Newton, IL 62448				Address: see Section A			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:			
Phone: (217) 753-8911		Fax:		Project Name:			
Requested Due Date/TAT: 10 day		Project Number:		Project Manager:			
				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 OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

Added NaOH (105372) G139,
9221, 9232
HNO3 (104184) G220, G221,
9222, 9223, 9233
XHS PH101358
98958
50 7/2/25

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: Brett Gillman					
SIGNATURE of SAMPLER: [Signature]					
DATE Signed (MM/DD/YY): 7-2-25					

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 7, 2020
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Page: 4 of 6

Required Client Information:

Company:	Vistra Corp-Newton		
Address:	6725 N. 500th St		
	Newton, IL 62448		
Email To:	Brian.Voelker@VistraCorp.com		
Phone:	(217) 753-8911	Fax:	
Requested Due Date/TAT:		10 day	

Required Project Information:

Report To: Brian Voelker
Copy To: Kyle Ochs - kyle.ochs@vistracorp.com
Purchase Order No.:
Project Name:
Project Number:

Invoice Information:

Attention:	Brian Voelker
Company Name:	Vistra Corp
Address:	see Section A
Quote	
Reference:	
Project	
Manager:	
Profile #:	

REGULATORY AGENCY

NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER

Site Location

IL

STATE:

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOLI/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	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.	
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other					
1	G217S	WT G					5	2	1	1										25061769-049	
2	G220	WT G			7/12/25	1102		2	1		1				X					25061769-050	
3	G221	WT G			7/12/25	1137		14	7	1	2	3	1			X				25061769-051	
4	G222	WT G			7/12/25	1301		2	1		1				X					25061769-052	
5	G223	WT G			7/12/25	1018		2	1		1				X					25061769-053	
6	G224	WT G			7/12/25	0430		2	1		1				X					25061769-054	
7	G225	WT G						5	2	1	1		1			X				25061769-055	
8	G230	WT G						6	2	1	2		1		X	X				25061769-056	
9	G231	WT G						7	2	2	2		1		X	X				25061769-057	
10	G232	WT G				935		6	2	1	2		1		X	X				25061769-058	
11	G233	WT G			7-2-25	935 1017		6	2	1	2		1		X	X				25061769-059	
12	G234	WT G			7-2-25	1122		6	2	2	1		1			X				25061769-060	
13	G48MG	WT G						2	1		1				X					25061769-061	
14	L1R	WT G						2	1		1				X		X			25061769-062	
15	L201	WT G						0								X				25061769-063	
16	L202	WT G						0								X				25061769-064	
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS											
NEW-25Q3 Rev 1		Alan Jones		7/12/25	3:36	E. [Signature]		7/12/25	15:36	>		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: Biot Gillen																					
SIGNATURE of SAMPLER: [Signature] DATE Signed (MM/DD/YYYY): 7-2-25																					

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

25061769

Page: 6 of 6

Temp in °C

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

25061769

Page: 1 of 6

Company: Vistra Corp-Newton		Report To: Brian Voelker	Attention: Brian Voelker			
Address: 6725 N. 500th St		Copy To: Kyle Ochs - kyle.ochs@vistracorp.com	Company Name: Vistra Corp	REGULATORY AGENCY		
Newton, IL 62448			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

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 07/07/25

Temp in °C

Received on

Custody	
Sealed Cooler	

Samples	Intact (Y/N)
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83	
84	
85	
86	
87	
88	
89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	

added H#03(104184) A214, APW02, APW12,
APW14, APW15, APW16,
~~APW06D~~, R217D,
R219, R219D

added N#04(105372) G133, G217S,
R217D, R219
G217SDup.

PHN 101358/98858

HS present 1/3 R219 Dup

LA 7/8/25

Temp 1.1, 1.5, 0.3, 1.7, 2.9, 3.7 LTGG
on ice

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 3 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

25061769

Page: 2 of 6

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Vistra Corp-Newton		Report To: Brian Voelker		Attention: Brian Voelker	
Address: 6725 N. 500th St		Copy To: Kyle Ochs - kyle.ochs@visstracorp.com		Company Name: Vistra Corp	
Newton, IL 62448				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 #:	

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

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501						
1	APW14	WT	G	7-7-25	1224	2	1	1								X													25061769-017
2	APW15	WT	G	7-7-25	1133	2	1	1								X													25061769-018
3	APW16	WT	G	7-7-25	1052	2	1	1								X													25061769-019
4	APW17	WT	G	7-7-25	1310	2	1	1								X													25061769-020
5	APW18	WT	G	7-7-25	1224/4110	2	1	1								X													25061769-021
6	G06D	WT	G	7/8/25	1333	2	1	1								X													25061769-022
7	G104	WT	G	7-8-25	1140	5	2	1	1	1																			25061769-023
8	G104D	WT	G			0																							25061769-024
9	G104S	WT	G			0																							25061769-025
10	G105	WT	G			5	2	1	1	1																			25061769-026
11	G106	WT	G			0																							25061769-027
12	G109	WT	G			0																							25061769-028
13	G111	WT	G			0																							25061769-029
14	G112	WT	G			0																							25061769-030
15	G113	WT	G			0																							25061769-031
16	G114	WT	G			0																							25061769-032

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS	
NEW-25Q3 Rev 1		27 80		7-8	1630	27 80		7/8/25	1630	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:	Brett Gilligan				
SIGNATURE of SAMPLER:	Brett Gilligan	DATE Signed (MM/DD/YY):	7-7-25		

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

25061769

Section A
Required Client Information:

Section B
Required Project Information:

Section C
Invoice Information:

Company: Vistra Corp-Newton		Report To: Brian Voelker	Attention: Brian Voelker			
Address: 6725 N. 500th St		Copy To: Kyle Ochs - kyle.ochs@vistracorp.com	Company Name: Vistra Corp	REGULATORY AGENCY		
Newton, IL 62448			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:		

[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: [Signature]	DATE Signed (MM/DD/YY): 7-8-25				

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

25061769

Page: 4 of 6

Invoice Information:

REGULATORY AGENCY

NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER

Site Location

STATE:

IL

Residual Chlorine (Y/N)

Project No./ Lab I.D.

NEW-25Q3 Rev 1

RELINQUISHED BY / AFFILIATION

DATE _____

TIME

ACCEPTED BY / AFFILIATION

DATE _____

TIME

SAMPLE CONDITIONS

 γ

Z

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed
(MM/DD/YY):

7-8-25

Temp in °C

Received on
Ice (Y/N)Custody
Sealed Cooler

Samples	Intact (Y/N)
1	Y
2	Y
3	Y
4	Y
5	Y
6	Y
7	Y
8	Y
9	Y
10	Y
11	Y
12	Y
13	Y
14	Y
15	Y
16	Y
17	Y
18	Y
19	Y
20	Y
21	Y
22	Y
23	Y
24	Y
25	Y
26	Y
27	Y
28	Y
29	Y
30	Y
31	Y
32	Y
33	Y
34	Y
35	Y
36	Y
37	Y
38	Y
39	Y
40	Y
41	Y
42	Y
43	Y
44	Y
45	Y
46	Y
47	Y
48	Y
49	Y
50	Y
51	Y
52	Y
53	Y
54	Y
55	Y
56	Y
57	Y
58	Y
59	Y
60	Y
61	Y
62	Y
63	Y
64	Y
65	Y
66	Y
67	Y
68	Y
69	Y
70	Y
71	Y
72	Y
73	Y
74	Y
75	Y
76	Y
77	Y
78	Y
79	Y
80	Y
81	Y
82	Y
83	Y
84	Y
85	Y
86	Y
87	Y
88	Y
89	Y
90	Y
91	Y
92	Y
93	Y
94	Y
95	Y
96	Y
97	Y
98	Y
99	Y
100	Y

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

25061769

Page: 5 of 6

Section C

Required Project Information:

Invoice Information:

Company: Vistra Corp-Newton		Report To: Brian Voelker		Attention: Brian Voelker			
Address: 6725 N. 500th St		Copy To: Kyle Ochs - kyle.ochs@vistracorp.com		Company Name: Vistra Corp		REGULATORY AGENCY	
Newton, IL 62448				Address: see Section A		NPDES GROUND WATER DRINKING WATER UST RCRA OTHER	
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Quote Reference:			
Phone: (217) 753-8911	Fax:	Project Name:		Project Manager:		Site Location	
Requested Due Date/TAT: 10 day		Project Number:		Profile #:		STATE: IL	

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	Y/N	Residual Chlorine (Y/N)	Project No./ Lab I.D.
		MATRIX	CODE			DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other							
		DRINKING WATER WATER WASTE WATER PRODUCT OIL WIPE AIR OTHER TISSUE	DW WT WW P SL CL WP AR OT TS																					
	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE																							
1	L203	WT	G					0												25061769-065				
2	L204	WT	G					0												25061769-066				
3	L205	WT	G					0												25061769-067				
4	L301	WT	G					2	1	1										25061769-068				
5	R217D	WT	G			7-9-25	1101	14	7	1	2	3	1							25061769-069				
6	R219	WT	G			7/8/25	0945	15	7	2	2	3	1							25061769-070				
7	S101	WT	G					4	2	1	1									25061769-084				
8	S102	WT	G					4	1	2	1									25061769-085				
9	SG02	WT	G					0												25061769-071				
10	T102	WT	G			7-8-25	1252	3	2	1										25061769-086				
11	XSG01	WT	G					0												25061769-072				
12	Field Blank	WT	G					17	9	3	1	3	1							25061769-073				
13	A215 Duplicate	WT	G					15	7	2	2	3	1							25061769-074				
14	APW10 Duplicate	WT	G			7/7/25	1158	2	1	1										25061769-075				
15	G104 Duplicate	WT	G			7-8-25	1140	5	2	1	1		1							25061769-076				
16	G125 Duplicate	WT	G					5	2	1	1		1							25061769-077				
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION			DATE		TIME	ACCEPTED BY / AFFILIATION			DATE		TIME	SAMPLE CONDITIONS										
NEW-25Q3 Rev 1		[Signature]			7-8		1630	[Signature]			7/8/25		1630	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 Gale					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 7/7/25				

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

25061769

Page: 6 of 6

Section C

Invoice Information:

Company: Vistra Corp-Newton		Report To: Brian Voelker	Attention: Brian Voelker	REGULATORY AGENCY		
Address: 6725 N. 500th St		Copy To: Kyle Ochs - kyle.ochs@vistracorp.com	Company Name: Vistra Corp			
Newton, IL 62448			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 Cole					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 7-8-25				

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

25061769

Page: 1 of 6

Required Client Information:

Required Project Information:

Invoice Information:

Company: Vistra Corp-Newton		Report To: Brian Voelker	Attention: Brian Voelker	<table border="1"> <tr> <th colspan="3">REGULATORY AGENCY</th> </tr> <tr> <td>NPDES</td> <td>GROUND WATER</td> <td>DRINKING WATER</td> </tr> <tr> <td>UST</td> <td>RCRA</td> <td>OTHER</td> </tr> <tr> <td>Site Location</td> <td>IL</td> <td></td> </tr> <tr> <td>STATE:</td> <td></td> <td></td> </tr> </table>			REGULATORY AGENCY			NPDES	GROUND WATER	DRINKING WATER	UST	RCRA	OTHER	Site Location	IL		STATE:		
REGULATORY AGENCY																					
NPDES	GROUND WATER	DRINKING WATER																			
UST	RCRA	OTHER																			
Site Location	IL																				
STATE:																					
Address: 6725 N. 500th St		Copy To: Kyle Ochs - kyle.ochs@vistracorp.com	Company Name: Vistra Corp																		
Newton, IL 62448			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 #:																		

[illegible]

on ice 15.7°, 3.9°, 7.1°, 13.7°, 2.9°
#9 ph✓ 101358, 98858 Added

HN03(104184) Total: A215, APW07, L2K, A215 Dup, Added NaOH(105372) G125, G128, G136, G230, A215 Dup:
G125 Dup, HS present 1 of 3 A215, 1 of 3 FB. EK 719125

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

25061769

Page: 2 of 6

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: Kyle Ochs - kyle.ochs@vistracorp.com	Company Name: Vistra Corp	REGULATORY AGENCY		
Newton, IL 62448			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 DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.						
											Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501												
1	APW14		WT	G						2	1	1						X													25061769-017						
2	APW15		WT	G						2	1	1						X													25061769-018						
3	APW16		WT	G						2	1	1						X													25061769-019						
4	APW17		WT	G						2	1	1						X													25061769-020						
5	APW18		WT	G						2	1	1						X													25061769-021						
6	G06D		WT	G						2	1	1							X												25061769-022						
7	G104		WT	G						5	2	1	1		1																25061769-023						
8	G104D		WT	G						0																					25061769-024						
9	G104S		WT	G						0																					25061769-025						
10	G105		WT	G						5	2	1	1		1																25061769-026						
11	G106		WT	G						0																					25061769-027						
12	G109		WT	G						0																					25061769-028						
13	G111		WT	G						0																					25061769-029						
14	G112		WT	G						0																					25061769-030						
15	G113		WT	G						0																					25061769-031						
16	G114		WT	G						0																					25061769-032						
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE		TIME		ACCEPTED BY / AFFILIATION			DATE		TIME		SAMPLE CONDITIONS																				
NEW-25Q3 Rev 1			Jeremy Bobrugan			07/09		3:00		[Signature]			7/9/25		15:00		> 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:					
SIGNATURE of SAMPLER:	DATE Signed (MM/DD/YY):				

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

REPORT - QUARTER 3, 2021

Page: 3 of 6

Required Client Information:

Company:	Vistra Corp-Newton		
Address:	6725 N. 500th St		
	Newton, IL 62448		
Email To:	Brian.Voelker@VistraCorp.com		
Phone:	(217) 753-8911	Fax:	
Requested Due Date/TAT:		10 day	

Required Project Information:

Report To: Brian Voelker
Copy To: Kyle Ochs - kyle.ochs@vistracorp.com
Purchase Order No.:
Project Name:
Project Number:

Section C
Invoice Information:

Attention:	Brian Voelker
Company Name:	Vistra Corp
Address:	see Section A
Quote Reference:	
Project Manager:	
Profile #:	

REGULATORY AGENCY

NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER

IL

STATE:

[illegible]

SAMPLER NAME AND SIGNATURE	
-----------------------------------	--

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed
(MM/DD/YY):

7-9-25

Temp in °C

Received on

Custody
Sealed Cooler

Samples	Intact (Y/N)
1	Y
2	Y
3	Y
4	Y
5	Y
6	Y
7	Y
8	Y
9	Y
10	Y
11	Y
12	Y
13	Y
14	Y
15	Y
16	Y
17	Y
18	Y
19	Y
20	Y
21	Y
22	Y
23	Y
24	Y
25	Y
26	Y
27	Y
28	Y
29	Y
30	Y
31	Y
32	Y
33	Y
34	Y
35	Y
36	Y
37	Y
38	Y
39	Y
40	Y
41	Y
42	Y
43	Y
44	Y
45	Y
46	Y
47	Y
48	Y
49	Y
50	Y
51	Y
52	Y
53	Y
54	Y
55	Y
56	Y
57	Y
58	Y
59	Y
60	Y
61	Y
62	Y
63	Y
64	Y
65	Y
66	Y
67	Y
68	Y
69	Y
70	Y
71	Y
72	Y
73	Y
74	Y
75	Y
76	Y
77	Y
78	Y
79	Y
80	Y
81	Y
82	Y
83	Y
84	Y
85	Y
86	Y
87	Y
88	Y
89	Y
90	Y
91	Y
92	Y
93	Y
94	Y
95	Y
96	Y
97	Y
98	Y
99	Y
100	Y

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

25061769

Page: 4 of 6

Required Client Information:

Company:	Vistra Corp-Newton		
Address:	6725 N. 500th St		
	Newton, IL 62448		
Email To:	Brian.Voelker@VistraCorp.com		
Phone:	(217) 753-8911	Fax:	
Requested Due Date/TAT:		10 day	

Required Project Information:

Report To:	Brian Voelker
Copy To:	Kyle Ochs - kyle.ochs@vistracorp.com
Purchase Order No.:	
Project Name:	
Project Number:	

Invoice Information:

Invoice Information:	
Attention:	Brian Voelker
Company Name:	Vistra Corp
Address:	see Section A
Quote Reference:	
Project Manager:	
Profile #:	

NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER

Site Location	IL	
STATE:		

[illegible]

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

25061769

Page: 5 of 6

Invoice Information:

Company: Vistra Corp-Newton		Report To: Brian Voelker	Attention: Brian Voelker			
Address: 6725 N. 500th St		Copy To: Kyle Ochs - kyle.ochs@vistracorp.com	Company Name: Vistra Corp	REGULATORY AGENCY		
Newton, IL 62448			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:		

[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 Gelp					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 7-9-25				

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

25061769

Page: 6 of 6

Section C

Invoice Information:

Company: Vistra Corp-Newton		Report To: Brian Voelker	Attention: Brian Voelker	REGULATORY AGENCY		
Address: 6725 N. 500th St		Copy To: Kyle Ochs - kyle.ochs@vistracorp.com	Company Name: Vistra Corp			
Newton, IL 62448			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 Gdp					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 7-9-25				

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

Page: 3 of 6

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <i>Bret Gillman</i>					
SIGNATURE of SAMPLER: <i>[Signature]</i>	DATE Signed (MM/DD/YY): <i>7-17-25</i>				

PHN 101358
LA 718165
LGS

25061769

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A

Required Client Information:

Company: Vistra Corp-Newton
Address: 6725 N. 500th St
Newton, IL 62448
Email To: Brian.Voelker@VistraCorp.com
Phone: (217) 753-8911 Fax:
Requested Due Date/TAT: 10 day

Section B

Required Project Information:

Report To: Brian Voelker
Copy To: Kyle Ochs - kyle.ochs@vistracorp.com
Purchase Order No.:
Project Name:
Project Number:

Section C

Invoice Information:

Attention: Brian Voelker
Company Name: Vistra Corp
Address: see Section A
Quote Reference:
Project Manager:
Profile #:

Page: 5 of 6

Section D Required Client Information		Valid Matrix Codes MATRIX CODE		COLLECTED		Preservatives		Requested Analysis Filtered (Y/N)										Project No./ Lab I.D.			
ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX	CODE	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)	
1	L203	WT	G			0															25061769-065
2	L204	WT	G			0															25061769-066
3	L205	WT	G			0															25061769-067
4	L301	WT	G			2	1	1							X						25061769-068
5	R217D	WT	G			14	7	1	2	3	1				X	X					25061769-069
6	R219	WT	G			15	7	2	2	3	1					X					25061769-070
7	S101	WT	G			4	2	1	1								X				25061769-084
8	S102	WT	G			4	1	2	1								X				25061769-085
9	SG02	WT	G			0								X				X			25061769-071
10	T102	WT	G			3	2	1									X				25061769-086
11	XSG01	WT	G			0								X				X			25061769-072
12	Field Blank 2	WT	G	7-17-25	1159	17	9	3	1	3	1			X	X	X	X	X	X		25061769-073
13	A215 Duplicate	WT	G			15	7	2	2	3	1					X					25061769-074
14	APW10 Duplicate	WT	G			2	1	1						X				X			25061769-075
15	G104 Duplicate	WT	G			5	2	1	1	1							X				25061769-076
16	G125 Duplicate	WT	G			5	2	1	1	1							X				25061769-077

TS
Samp
7/18/25

SAMPLER NAME AND SIGNATURE		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS	
PRINT Name of SAMPLER: <i>Burt Gillman</i>		7/17/25	1430	<i>[Signature]</i>		7/17/25	1430		
SIGNATURE of SAMPLER: <i>[Signature]</i>		DATE Signed (MM/DD/YY): 7-17-25							

August 08, 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-10438
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: NEW-25Q3

WorkOrder: 25061770

Dear Eric Bauer:

TEKLAB, INC received 24 samples on 7/9/2025 3:00:00 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 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061770

Client Project: NEW-25Q3

Report Date: 08-Aug-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	29
Receiving Check List	30
Chain of Custody	Appended

Client: Ramboll

Work Order: 25061770

Client Project: NEW-25Q3

Report Date: 08-Aug-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 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061770

Client Project: NEW-25Q3

Report Date: 08-Aug-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: 25061770

Client Project: NEW-25Q3

Report Date: 08-Aug-25

Cooler Receipt Temp: 4.1 °C

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

APW18 collected on 7/2/2025 was cancelled due to field error; the sample was recollected on 7/7/25. Equipment Blank 3 was not required. EAH 7/10/25

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 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061770

Client Project: NEW-25Q3

Report Date: 08-Aug-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-10438	NELAP	7/31/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2026	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2026	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2026	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 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-001
Matrix: GROUNDWATER

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: APW02
Collection Date: 07/07/2025 12:28

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/06/2025 11:50	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-002
Matrix: GROUNDWATER

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: APW03
Collection Date: 07/07/2025 10:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/06/2025 11:50	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-003
Matrix: GROUNDWATER

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: APW04
Collection Date: 07/07/2025 12:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2025 11:52	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-004
Matrix: GROUNDWATER

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: APW05
Collection Date: 07/07/2025 14:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2025 11:53	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-005
Matrix: GROUNDWATER

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: APW05S
Collection Date: 07/07/2025 13:59

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2025 11:53	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-006
Matrix: GROUNDWATER

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: APW06
Collection Date: 07/07/2025 13:12

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2025 11:53	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-007
Matrix: GROUNDWATER

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: APW07
Collection Date: 07/09/2025 10:28

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2025 11:53	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-008
Matrix: GROUNDWATER

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: APW08
Collection Date: 07/07/2025 14:08

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2025 11:53	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-009
Matrix: GROUNDWATER

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: APW09
Collection Date: 07/07/2025 11:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2025 11:53	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-010
Matrix: GROUNDWATER

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: APW10
Collection Date: 07/07/2025 11:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2025 11:53	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-011
Matrix: GROUNDWATER

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: APW11
Collection Date: 07/07/2025 10:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2025 11:53	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-012
Matrix: GROUNDWATER

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: APW12
Collection Date: 07/07/2025 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	08/05/2025 11:53	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-013
Matrix: GROUNDWATER

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: APW13
Collection Date: 07/07/2025 13:13

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2025 11:53	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-014
Matrix: GROUNDWATER

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: APW14
Collection Date: 07/07/2025 12:24

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2025 11:54	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-015
Matrix: GROUNDWATER

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: APW15
Collection Date: 07/07/2025 11:33

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2025 11:54	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-016
Matrix: GROUNDWATER

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: APW16
Collection Date: 07/07/2025 10:52

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2025 11:54	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-017
Matrix: GROUNDWATER

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: APW17
Collection Date: 07/07/2025 13:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2025 11:54	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-018
Matrix: GROUNDWATER

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: APW18
Collection Date: 07/07/2025 14:16

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2025 11:51	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-019
Matrix: AQUEOUS

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: Field Blank
Collection Date: 07/09/2025 13:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2025 11:51	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-020
Matrix: GROUNDWATER

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: APW10 Duplicate
Collection Date: 07/07/2025 11:58

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2025 11:51	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-021
Matrix: AQUEOUS

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: Equipment Blank 1
Collection Date: 07/08/2025 14:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2025 11:51	R369385



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q3
Lab ID: 25061770-022
Matrix: AQUEOUS

Work Order: 25061770
Report Date: 08-Aug-25
Client Sample ID: Equipment Blank 2
Collection Date: 07/09/2025 12:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	08/05/2025 11:51	R369385



Sample Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061770

Client Project: NEW-25Q3

Report Date: 08-Aug-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25061770-001	APW02	Groundwater	1	07/07/2025 12:28
25061770-002	APW03	Groundwater	1	07/07/2025 10:47
25061770-003	APW04	Groundwater	1	07/07/2025 12:33
25061770-004	APW05	Groundwater	1	07/07/2025 14:31
25061770-005	APW05S	Groundwater	1	07/07/2025 13:59
25061770-006	APW06	Groundwater	1	07/07/2025 13:12
25061770-007	APW07	Groundwater	1	07/09/2025 10:28
25061770-008	APW08	Groundwater	1	07/07/2025 14:08
25061770-009	APW09	Groundwater	1	07/07/2025 11:22
25061770-010	APW10	Groundwater	1	07/07/2025 11:58
25061770-011	APW11	Groundwater	1	07/07/2025 10:42
25061770-012	APW12	Groundwater	1	07/07/2025 11:14
25061770-013	APW13	Groundwater	1	07/07/2025 13:13
25061770-014	APW14	Groundwater	1	07/07/2025 12:24
25061770-015	APW15	Groundwater	1	07/07/2025 11:33
25061770-016	APW16	Groundwater	1	07/07/2025 10:52
25061770-017	APW17	Groundwater	1	07/07/2025 13:10
25061770-018	APW18	Groundwater	1	07/07/2025 14:16
25061770-019	Field Blank	Aqueous	1	07/09/2025 13:15
25061770-020	APW10 Duplicate	Groundwater	1	07/07/2025 11:58
25061770-021	Equipment Blank 1	Aqueous	1	07/08/2025 14:30
25061770-022	Equipment Blank 2	Aqueous	1	07/09/2025 12:50
25061770-023	Equipment Blank 3	Aqueous	1	
25061770-024	APW18	Groundwater	1	07/02/2025 12:32



Receiving Check List

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25061770

Client Project: NEW-25Q3

Report Date: 08-Aug-25

Carrier: Allison Lampe

Received By: AMD

Completed by:

On:

03-Jul-25

Amber Dilallo

Reviewed by:

On:

10-Jul-25

Elizabeth A. Hurley

Pages to follow:

Chain of custody

13

Extra pages included

31

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C 4.1

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.

pH strip #101358. - amberdilallo - 7/3/2025 1:30:33 PM

Per Frank Barthol, APW-18 will be recollected. 7/2/25 - no analysis. AMD 7/3/25

Samples were received on 7/8/25 at 16:30 on ice [temp 1.5C, 1.1C, 0.3C, 1.7C, 2.9C, 3.7C - LTG#9]. pH#101358. Additional nitric acid (104184) was needed in APW02, APW05S, APW08, APW09, APW12, APW13, APW15, APW16, APW17, APW18, and APW10 Duplicate upon arrival at the laboratory. - JD/lhenson - 7/9/2025 8:23:51 AM

Samples were received on 7/9/25 at 15:00 on ice [temp: 7.1C, 15.7C, 13.7C, 2.9C, and 3.9C - LTG#9]. pH# 101358/98858. Additional nitric acid (104184) was needed in APW07 upon arrival at the laboratory. - EK/lhenson - 7/9/2025 4:59:03 PM

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

25061770

Invoice Information:

Page: 2 of 2

[illegible]

TE
Wm
7/3/25

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS													
NEW-25Q3 Rev 0		Allison Lampe		7/2/15	1536	Wm. Delaune		7/2/15	1536		Y	Z											
Frank Beirathol		<table border="1"> <thead> <tr> <th colspan="2">SAMPLER NAME AND SIGNATURE</th> <th rowspan="3">Temp in °C</th> <th rowspan="3">Received on ice (Y/N)</th> <th rowspan="3">Custody Sealed Cooler (Y/N)</th> <th rowspan="3">Samples Intact (Y/N)</th> </tr> <tr> <th colspan="2">PRINT Name of SAMPLER: Allison Lampe</th> </tr> <tr> <th>SIGNATURE of SAMPLER: Allison Lampe</th> <th>DATE Signed (MM/DD/YY): 7-2-25</th> </tr> </thead></table>												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: Allison Lampe		SIGNATURE of SAMPLER: Allison Lampe	DATE Signed (MM/DD/YY): 7-2-25
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: Allison Lampe																							
SIGNATURE of SAMPLER: Allison Lampe	DATE Signed (MM/DD/YY): 7-2-25																						

per Frank Beuthold
APW-18 will be recollected.
7/2/25 sample - no analysis.
Oms

4.1/6.1 ice OAS
PH V 10135
Qm 7/45

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

Page: 1 of 6

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Peyton York					
SIGNATURE of SAMPLER: 	DATE Signed (MM/DD/YY): 07/07/25				

JD 7/8/25

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

Page: 2 of 6

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

Page: 3 of 6

ITEM #	Section D Required Client Information	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Matrix Codes (see valid codes to left)	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test	Requested Analysis Filtered (Y/N)										Ra226/228, only							
						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		G115	WT G						0											X										N/A						
2		G116	WT G			7-8-25	1023		0																					N/A						
3		G117	WT G						0																					N/A						
4		G118	WT G						0																					N/A						
5		G119	WT G						0																					N/A						
6		G120	WT G						0																					N/A						
7		G125	WT G						0																					N/A						
8		G128	WT G						0																					N/A						
9		G130	WT G			7-8-25	1350		0																					N/A						
10		G133	WT G			7-7-25	1408		0																					N/A						
11		G136	WT G						0																					N/A						
12		G139	WT G						0																					N/A						
13		G141	WT G						0																					N/A						
14		G201	WT G			7-8-25	1216		0																					N/A						
15		G202	WT G			7-8-25	Dry		0																					N/A						
16		G203	WT G			7-8-25	Dry		0																					N/A						
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																							
NEW-25Q3 Rev 0			<i>[Signature]</i>			7-8	1630	<i>[Signature]</i>			7/8/25	1630	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 Cobb																																				
SIGNATURE of SAMPLER: <i>[Signature]</i>																																				
DATE Signed (MM/DD/YY): 7-8-25																																				

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

Page: 4 of 6

ITEM #	Section D Required Client Information	Valid Matrix Codes DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT 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)										Ra226/228, only					
					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	G217S	WT G	7-8-25	10 23	0										X												N/A						
2	G220	WT G			0										X												N/A						
3	G221	WT G			0											X											N/A						
4	G222	WT G			0										X												N/A						
5	G223	WT G			0										X												N/A						
6	G224	WT G			0										X												N/A						
7	G225	WT G	7-8-25	13 32	0											X											N/A						
8	G230	WT G			0										X	X											N/A						
9	G231	WT G	7/8/25	1102	0										X	X											N/A						
10	G232	WT G			0										X	X											N/A						
11	G233	WT G			0										X	X											N/A						
12	G234	WT G			0											X											N/A						
13	G48MG	WT G	7-8-25	1105	0										X												N/A						
14	L1R	WT G			0										X		X										N/A						
15	L201	WT G			0												X										N/A						
16	L202	WT G			0												X										N/A						
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																					
NEW-25Q3 Rev 0					7-8	1630				7/8/25	1630				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:																																	
SIGNATURE of SAMPLER:																																	
DATE Signed (MM/DD/YY):															7-8-25																		

25061770

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 6	
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: Kyle Ochs - kyle.ochs@vistracorp.com		Company Name: Vistra Corp			
Newton, IL 62448				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		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.
		DRINKING WATER DW	WATER WT			WASTE WATER WW	PRODUCT SOL/SOLID			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						
		SL	OL			WP	AR			QT	TS	Other	NEW-257-501	NEW-257-502	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501														
1	L203			WT	G				0																			N/A				
2	L204			WT	G				0																			N/A				
3	L205			WT	G				0																			N/A				
4	L301			WT	G				0																			N/A				
5	R217D			WT	G	7-8-25	1101		0																			N/A				
6	R219			WT	G				0																			N/A				
7	SG02			WT	G				0																			N/A				
8	XSG01			WT	G				0																			N/A				
9	Field Blank			WT	G				2		2																	25061770-019				
10	A215 Duplicate			WT	G				0																			N/A				
11	APW10 Duplicate			WT	G	7/17/25	1158		2		2																	25061770-020				
12	G104 Duplicate			WT	G	7-8-25	1140		0																			N/A				
13	G125 Duplicate			WT	G				0																			N/A				
14	G217S Duplicate			WT	G	7-8-25	1023		0																			N/A				
15	G233 Duplicate			WT	G				0																			N/A				
16	R219 Duplicate			WT	G	7/8/25	0945		0																			N/A				

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS	
NEW-25Q3 Rev 0		[Signature]		7-8	1630	[Signature]		7/8/25	1630	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 Cole					
SIGNATURE of SAMPLER: [Signature]					
DATE Signed (MM/DD/YY): 7/17/25					

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

Page: 6 of 6

Invoice Information:

REGULATORY AGENCY

Site Location	IL
STATE:	

Ra226/228, only

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Cole					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 7-8-75				

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

25061770

Section C
Invoice Information:

Page: 1 of 6

Company: Vistra Corp-Newton		Report To: Brian Voelker	Attention: Brian Voelker	Page: 1 of 6		
Address: 6725 N. 500th St		Copy To: Kyle Ochs - kyle.ochs@vistracorp.com	Company Name: Vistra Corp			
Newton, IL 62448			Address: see Section A	REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER		
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:	Quote Reference:			
Phone: (217) 753-8911	Fax:	Project Name:	Project Manager:	Site Location STATE: IL		
Requested Due Date/TAT: 10 day		Project Number:	Profile #:			

ITEM #	Section D Required Client Information	Valid Matrix Codes DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT SOLID SL SOL/SOLID OL 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 ↓ 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)																Ra226/228, only	
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		Residual Chlorine (Y/N)	Project No./ Lab I.D.																
1	A213		WT	G				0																						N/A					
2	A214		WT	G				0							X															N/A					
3	A215		WT	G	7/9/25	1125		0							X															N/A					
4	APW02		WT	G				2		2					X			X	X											25061770-001					
5	APW03		WT	G				2		2					X			X	X											25061770-002					
6	APW04		WT	G				2		2					X			X	X											25061770-003					
7	APW05		WT	G				2		2					X			X												25061770-004					
8	APW05S		WT	G				2		2					X			X												25061770-005					
9	APW06		WT	G				2		2					X			X												25061770-006					
10	APW07		WT	G	7/9/25	1028		2		2					X			X												25061770-007					
11	APW08		WT	G				2		2					X			X												25061770-008					
12	APW09		WT	G				2		2					X			X												25061770-009					
13	APW10		WT	G				2		2					X			X												25061770-010					
14	APW11		WT	G				2		2					X			X												25061770-011					
15	APW12		WT	G				2		2					X			X												25061770-012					
16	APW13		WT	G				2		2					X			X												25061770-013					
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																						
NEW-25Q3 Rev 0			Jeremy Rodriguez			7/9/25	3:00	[Signature]			7/9/25	15:00																							
on ice 7.1°, 15.7°, 13.7°, 2.9°, 3.9° #9 phv/101358 Added HNO3 (104184)			SAMPLER NAME AND SIGNATURE			PRINT Name of SAMPLER:			Vayton Toek			DATE Signed (MM/DD/YYYY):			07/09/25																				
			SIGNATURE of SAMPLER:			[Signature]						Temp in °C			Received on Ice (Y/N)			Custody Sealed Cooler (Y/N)			Samples Intact (Y/N)														

On ice 7.1°, 15.7°, 13.7°, 2.9°, 3.9° #9
Phv/101358 Added HNO₃ (104.84)
to both APW 07. Ek 7/9/25

25061770

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 2 of 6	
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: Kyle Ochs - kyle.ochs@vistracorp.com		Company Name: Vistra Corp			
Newton, IL 62448				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	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)										Residual Chlorine (Y/N)	Project No./ Lab I.D.		
		DRINKING WATER D/W WT	WATER W/W			WASTE WATER W/W P	PRODUCT S/L S/L			SOIL/SOLID S/L WP	OT	TS	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					
		AIR	WIPE			OTHER	DATE			TIME	0	1	2	3	4	5	6		7	8	9	10	11	12	13	14	15	16				
1	APW14			WT	G				2			2					X															25061770-014
2	APW15			WT	G				2			2					X															25061770-015
3	APW16			WT	G				2			2					X															25061770-016
4	APW17			WT	G				2			2					X															25061770-017
5	APW18			WT	G				2			2					X															25061770-018
6	G06D			WT	G				0									X														N/A
7	G104			WT	G				0											X												N/A
8	G104D			WT	G				0											X												N/A
9	G104S			WT	G				0											X												N/A
10	G105			WT	G				0											X												N/A
11	G106			WT	G				0											X												N/A
12	G109			WT	G				0											X												N/A
13	G111			WT	G				0											X												N/A
14	G112			WT	G				0											X												N/A
15	G113			WT	G				0											X												N/A
16	G114			WT	G				0											X												N/A

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS				
NEW-25Q3 Rev 0	<i>Gregory Rodriguez</i>	07/09/25	3:00	<i>[Signature]</i>	7/9/25	15:00					

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

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

Page: 3 of 6

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

Page: 4 of 6

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

Page: 5 of 6

Page: 5 of 6

Company: Vistra Corp-Newton		Report To: Brian Voelker	Attention: Brian Voelker			
Address: 6725 N. 500th St		Copy To: Kyle Ochs - kyle.ochs@vistracorp.com	Company Name: Vistra Corp	REGULATORY AGENCY		
Newton, IL 62448			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]

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

Page: 6 of 6

Page: 6 of 6

REGULATORY AGENCY

NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER

Site Location	IL	
STATE:		

Ra226/228, only

Project No./ Lab I.D.

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): 7-9-25				

ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/7/2025 11:58:57 AM

JOB DESCRIPTION

Radium-226 and Radium-228
25061770

JOB NUMBER

160-58782-1

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



Generated
8/7/2025 11:58:57 AM

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	10
Definitions/Glossary	11
Method Summary	12
Sample Summary	13
Client Sample Results	14
QC Sample Results	25
QC Association Summary	28
Tracer Carrier Summary	30

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

Case Narrative

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501 Job ID: 160-58782-1

Job ID: 160-58782-1

Eurofins St. Louis

CASE NARRATIVE

Client: TekLab, Inc

Project: 25061770

Report Number: 160-58782-1

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 7/10/2025 12:09 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 20.5°C and 20.9°C.

Receipt Exceptions

The client requested to update the sample ID's for this work order and provided a revised chain-of-custody (COC). The original COC is retained in the report to document the relinquished and received date, time and signatures.

Method 903.0 - Radium-226 (GFPC)

Samples 25061770-001A APW02 (160-58782-1), 25061770-002A APW03 (160-58782-2), 25061770-003A APW04 (160-58782-3), 25061770-004A APW05 (160-58782-4), 25061770-005A APW05S (160-58782-5), 25061770-006A APW06 (160-58782-6), 25061770-007A APW07 (160-58782-7), 25061770-008A APW08 (160-58782-8), 25061770-009A APW09 (160-58782-9), 25061770-010A APW10 (160-58782-10), 25061770-011A APW11 (160-58782-11), 25061770-012A APW12 (160-58782-12), 25061770-013A APW13 (160-58782-13), 25061770-014A APW14 (160-58782-14), 25061770-015A APW15 (160-58782-15), 25061770-016A APW16 (160-58782-16), 25061770-017A APW17 (160-58782-17), 25061770-018A APW18 (160-58782-18), 25061770-019A Field Blank (160-58782-19), 25061770-020A APW10 Duplicate (160-58782-20), 25061770-021A Equipment Blank 1 (160-58782-21) and 25061770-022A Equipment Blank 2 (160-58782-22) were analyzed for Radium-226 (GFPC). The samples were prepared on 7/14/2025 and analyzed on 8/5/2025 and 8/6/2025.

Method 904.0 - Radium-228 (GFPC)

Samples 25061770-001A APW02 (160-58782-1), 25061770-002A APW03 (160-58782-2), 25061770-003A APW04 (160-58782-3), 25061770-004A APW05 (160-58782-4), 25061770-005A APW05S (160-58782-5), 25061770-006A APW06 (160-58782-6),

Eurofins St. Louis

Case Narrative

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501 Job ID: 160-58782-1

Job ID: 160-58782-1 (Continued)

Eurofins St. Louis

25061770-007A APW07 (160-58782-7), 25061770-008A APW08 (160-58782-8), 25061770-009A APW09 (160-58782-9), 25061770-010A APW10 (160-58782-10), 25061770-011A APW11 (160-58782-11), 25061770-012A APW12 (160-58782-12), 25061770-013A APW13 (160-58782-13), 25061770-014A APW14 (160-58782-14), 25061770-015A APW15 (160-58782-15), 25061770-016A APW16 (160-58782-16), 25061770-017A APW17 (160-58782-17), 25061770-018A APW18 (160-58782-18), 25061770-019A Field Blank (160-58782-19), 25061770-020A APW10 Duplicate (160-58782-20), 25061770-021A Equipment Blank 1 (160-58782-21) and 25061770-022A Equipment Blank 2 (160-58782-22) were analyzed for Radium-228 (GFPC). The samples were prepared on 7/14/2025 and analyzed on 8/5/2025 and 8/6/2025.

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

Samples 25061770-001A APW02 (160-58782-1), 25061770-002A APW03 (160-58782-2), 25061770-003A APW04 (160-58782-3), 25061770-004A APW05 (160-58782-4), 25061770-005A APW05S (160-58782-5), 25061770-006A APW06 (160-58782-6), 25061770-007A APW07 (160-58782-7), 25061770-008A APW08 (160-58782-8), 25061770-009A APW09 (160-58782-9), 25061770-010A APW10 (160-58782-10), 25061770-011A APW11 (160-58782-11), 25061770-012A APW12 (160-58782-12), 25061770-013A APW13 (160-58782-13), 25061770-014A APW14 (160-58782-14), 25061770-015A APW15 (160-58782-15), 25061770-016A APW16 (160-58782-16), 25061770-017A APW17 (160-58782-17), 25061770-018A APW18 (160-58782-18), 25061770-019A Field Blank (160-58782-19), 25061770-020A APW10 Duplicate (160-58782-20), 25061770-021A Equipment Blank 1 (160-58782-21) and 25061770-022A Equipment Blank 2 (160-58782-22) were analyzed for Combined Radium-226 and Radium-228. The samples were analyzed on 8/6/2025 and 8/7/2025.

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#		25061770		Cooler Temp:				Sampler:		teklab employee		QC Level:		2		
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.																
Contact:		Elizabeth Hurley		Email:		ehurley@teklabinc.com		Phone:		618-344-1004 ex 33						
Requested Due Date:		Standard TAT		Billing/PO:		38822										

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
	25061770-001	07/07/2025 12:28	HNO3	Groundwater
	25061770-002	07/07/2025 10:47	HNO3	Groundwater
	25061770-003	07/07/2025 12:33	HNO3	Groundwater
	25061770-004	07/07/2025 14:31	HNO3	Groundwater
	25061770-005	07/07/2025 13:59	HNO3	Groundwater
	25061770-006	07/07/2025 13:12	HNO3	Groundwater
	25061770-007	07/09/2025 10:28	HNO3	Groundwater
	25061770-008	07/07/2025 14:08	HNO3	Groundwater
	25061770-009	07/07/2025 11:22	HNO3	Groundwater
	25061770-010	07/07/2025 11:58	HNO3	Groundwater
	25061770-011	07/07/2025 10:42	HNO3	Groundwater

160-58782 Chain of Custody

*Relinquished By	Date/Time	Received By	Date/Time
<i>[Signature]</i>	7/10/25 / 0832	<i>[Signature]</i>	7/10/25 / 0837
<i>[Signature]</i>	7/10/25 / 1209	Sina Worthington	7/10/25 / 1209

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#		25061770		Cooler Temp:				Sampler:		teklab employee	
				QC Level:		2					
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.											
Contact:		Elizabeth Hurley		Email:		ehurley@teklabinc.com		Phone:		618-344-1004 ex 33	
Requested Due Date:		Standard TAT		Billing/PO:		38822					

PLEASE NOTE:

NEELAP 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 NEELAP 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
	25061770-012	07/07/2025 11:14	HNO3	Groundwater
	25061770-013	07/07/2025 13:13	HNO3	Groundwater
	25061770-014	07/07/2025 12:24	HNO3	Groundwater
	25061770-015	07/07/2025 11:33	HNO3	Groundwater
	25061770-016	07/07/2025 10:52	HNO3	Groundwater
	25061770-017	07/07/2025 13:10	HNO3	Groundwater
	25061770-018	07/07/2025 14:16	HNO3	Groundwater
	25061770-019	07/09/2025 13:15	HNO3	Groundwater
	25061770-020	07/07/2025 11:58	HNO3	Groundwater
	25061770-021	07/08/2025 14:30	HNO3	Groundwater
	25061770-022	07/09/2025 12:50	HNO3	Groundwater

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.

*Relinquished By _____

Date/Time

Received By

Date/Time

Date/Time

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#

25061770

Contact:

Elizabeth Hurley

Email:

ehurley@teklabinc.com

Requested Due Date:

Standard TAT

Billing/PO:

Billing/PO: 38822

Phone: (618) 344-1004 ext. 33

Phone: (618) 344-1004 ext. 33

PLEASE NOTE:

NELAP accreditation is required on the requested analytes and must be documented as such on the final report. If your laboratory does not currently hold a NELAP accreditation for the requested method and/or analytes, please contact Teklab immediately. If your laboratory loses accreditation or is suspended for any analyte/method during the life of the contract, you must contact Teklab immediately.

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix
	25061770-001A APW02		HNO3	Groundwater
	25061770-002A APW03		HNO3	Groundwater
	25061770-003A APW04		HNO3	Groundwater
	25061770-004A APW05		HNO3	Groundwater
	25061770-005A APW05S		HNO3	Groundwater
	25061770-006A APW06		HNO3	Groundwater
	25061770-007A APW07		HNO3	Groundwater
	25061770-008A APW08		HNO3	Groundwater
	25061770-009A APW09		HNO3	Groundwater
	25061770-010A APW10		HNO3	Groundwater
	25061770-011A APW11		HNO3	Groundwater

[illegible]

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Login Sample Receipt Checklist

Client: TekLab, Inc

Job Number: 160-58782-1

SDG Number: 25061770

Login Number: 58782

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?	True	
There are no discrepancies between the containers received and the COC.	False	IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Definitions/Glossary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	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 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

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 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
160-58782-1	25061770-001A APW02	Water	07/07/25 12:28	07/10/25 12:09	Illinois
160-58782-2	25061770-002A APW03	Water	07/07/25 10:47	07/10/25 12:09	Illinois
160-58782-3	25061770-003A APW04	Water	07/07/25 12:33	07/10/25 12:09	Illinois
160-58782-4	25061770-004A APW05	Water	07/07/25 14:31	07/10/25 12:09	Illinois
160-58782-5	25061770-005A APW05S	Water	07/07/25 13:59	07/10/25 12:09	Illinois
160-58782-6	25061770-006A APW06	Water	07/07/25 13:12	07/10/25 12:09	Illinois
160-58782-7	25061770-007A APW07	Water	07/09/25 10:28	07/10/25 12:09	Illinois
160-58782-8	25061770-008A APW08	Water	07/07/25 14:08	07/10/25 12:09	Illinois
160-58782-9	25061770-009A APW09	Water	07/07/25 11:22	07/10/25 12:09	Illinois
160-58782-10	25061770-010A APW10	Water	07/07/25 11:58	07/10/25 12:09	Illinois
160-58782-11	25061770-011A APW11	Water	07/07/25 10:42	07/10/25 12:09	Illinois
160-58782-12	25061770-012A APW12	Water	07/07/25 11:14	07/10/25 12:09	Illinois
160-58782-13	25061770-013A APW13	Water	07/07/25 13:13	07/10/25 12:09	Illinois
160-58782-14	25061770-014A APW14	Water	07/07/25 12:24	07/10/25 12:09	Illinois
160-58782-15	25061770-015A APW15	Water	07/07/25 11:33	07/10/25 12:09	Illinois
160-58782-16	25061770-016A APW16	Water	07/07/25 10:52	07/10/25 12:09	Illinois
160-58782-17	25061770-017A APW17	Water	07/07/25 13:10	07/10/25 12:09	Illinois
160-58782-18	25061770-018A APW18	Water	07/07/25 14:16	07/10/25 12:09	Illinois
160-58782-19	25061770-019A Field Blank	Water	07/09/25 13:15	07/10/25 12:09	Illinois
160-58782-20	25061770-020A APW10 Duplicate	Water	07/07/25 11:58	07/10/25 12:09	Illinois
160-58782-21	25061770-021A Equipment Blank 1	Water	07/08/25 14:30	07/10/25 12:09	Illinois
160-58782-22	25061770-022A Equipment Blank 2	Water	07/09/25 12:50	07/10/25 12:09	Illinois

Client Sample Results

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

ATTACHMENT B.
315 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

Client Sample ID: 25061770-001A APW02

Lab Sample ID: 160-58782-1

Date Collected: 07/07/25 12:28

Matrix: Water

Date Received: 07/10/25 12:09

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	0.167	U	0.182	0.182	1.00	0.288	pCi/L	07/14/25 09:35	08/06/25 15:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.4		30 - 110					07/14/25 09:35	08/06/25 15:35	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	1.31		0.454	0.469	1.00	0.532	pCi/L	07/14/25 09:40	08/06/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.4		30 - 110					07/14/25 09:40	08/06/25 11:50	1
Y Carrier	77.0		30 - 110					07/14/25 09:40	08/06/25 11:50	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.48		0.489	0.503	5.00	0.532	pCi/L		08/06/25 12:31	1

Client Sample ID: 25061770-002A APW03

Lab Sample ID: 160-58782-2

Date Collected: 07/07/25 10:47

Matrix: Water

Date Received: 07/10/25 12:09

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	-0.0410	U	0.145	0.145	1.00	0.332	pCi/L	07/14/25 09:35	08/06/25 15:35	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		30 - 110					07/14/25 09:35	08/06/25 15:35	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	0.264	U	0.318	0.319	1.00	0.524	pCi/L	07/14/25 09:40	08/06/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		30 - 110					07/14/25 09:40	08/06/25 11:50	1
Y Carrier	79.3		30 - 110					07/14/25 09:40	08/06/25 11:50	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.264	U	0.349	0.350	5.00	0.524	pCi/L		08/06/25 12:31	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
315 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

Client Sample ID: 25061770-003A APW04

Lab Sample ID: 160-58782-3

Date Collected: 07/07/25 12:33

Matrix: Water

Date Received: 07/10/25 12:09

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	0.196	U	0.188	0.189	1.00	0.287	pCi/L	07/14/25 09:31	08/05/25 16:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					07/14/25 09:31	08/05/25 16:05	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.652		0.416	0.421	1.00	0.620	pCi/L	07/14/25 09:34	08/05/25 11:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					07/14/25 09:34	08/05/25 11:52	1
Y Carrier	75.9		30 - 110					07/14/25 09:34	08/05/25 11:52	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.848		0.457	0.461	5.00	0.620	pCi/L		08/06/25 12:31	1

Client Sample ID: 25061770-004A APW05

Lab Sample ID: 160-58782-4

Date Collected: 07/07/25 14:31

Matrix: Water

Date Received: 07/10/25 12:09

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	0.161	U	0.193	0.194	1.00	0.316	pCi/L	07/14/25 09:31	08/05/25 16:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.7		30 - 110					07/14/25 09:31	08/05/25 16:05	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.568	U	0.389	0.392	1.00	0.583	pCi/L	07/14/25 09:34	08/05/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.7		30 - 110					07/14/25 09:34	08/05/25 11:53	1
Y Carrier	75.9		30 - 110					07/14/25 09:34	08/05/25 11:53	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	0.729		0.434	0.437	5.00	0.583	pCi/L		08/06/25 12:31	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
315 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

Client Sample ID: 25061770-005A APW05S

Lab Sample ID: 160-58782-5

Date Collected: 07/07/25 13:59

Matrix: Water

Date Received: 07/10/25 12:09

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.112	U	0.195	0.195	1.00	0.343	pCi/L	07/14/25 09:31	08/05/25 16:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.9		30 - 110					07/14/25 09:31	08/05/25 16:05	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.877		0.438	0.446	1.00	0.608	pCi/L	07/14/25 09:34	08/05/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.9		30 - 110					07/14/25 09:34	08/05/25 11:53	1
Y Carrier	72.5		30 - 110					07/14/25 09:34	08/05/25 11:53	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	0.989		0.479	0.487	5.00	0.608	pCi/L		08/06/25 12:31	1

Client Sample ID: 25061770-006A APW06

Lab Sample ID: 160-58782-6

Date Collected: 07/07/25 13:12

Matrix: Water

Date Received: 07/10/25 12:09

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	0.260	U	0.228	0.229	1.00	0.344	pCi/L	07/14/25 09:31	08/05/25 16:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.9		30 - 110					07/14/25 09:31	08/05/25 16:05	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.349	U	0.364	0.365	1.00	0.589	pCi/L	07/14/25 09:34	08/05/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.9		30 - 110					07/14/25 09:34	08/05/25 11:53	1
Y Carrier	72.9		30 - 110					07/14/25 09:34	08/05/25 11:53	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	0.609		0.430	0.431	5.00	0.589	pCi/L		08/06/25 12:31	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
315 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

Client Sample ID: 25061770-007A APW07

Lab Sample ID: 160-58782-7

Date Collected: 07/09/25 10:28

Matrix: Water

Date Received: 07/10/25 12:09

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	0.679		0.291	0.297	1.00	0.317	pCi/L	07/14/25 09:31	08/05/25 16:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.9		30 - 110					07/14/25 09:31	08/05/25 16:04	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	0.974		0.431	0.440	1.00	0.576	pCi/L	07/14/25 09:34	08/05/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.9		30 - 110					07/14/25 09:34	08/05/25 11:53	1
Y Carrier	78.9		30 - 110					07/14/25 09:34	08/05/25 11:53	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		0.520	0.531	5.00	0.576	pCi/L		08/06/25 12:31	1

Client Sample ID: 25061770-008A APW08

Lab Sample ID: 160-58782-8

Date Collected: 07/07/25 14:08

Matrix: Water

Date Received: 07/10/25 12:09

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	0.416	U	0.287	0.290	1.00	0.418	pCi/L	07/14/25 09:31	08/05/25 16:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.7		30 - 110					07/14/25 09:31	08/05/25 16:04	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	0.629		0.368	0.372	1.00	0.532	pCi/L	07/14/25 09:34	08/05/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.7		30 - 110					07/14/25 09:34	08/05/25 11:53	1
Y Carrier	79.6		30 - 110					07/14/25 09:34	08/05/25 11:53	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.05		0.467	0.472	5.00	0.532	pCi/L		08/07/25 11:17	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
315 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

Client Sample ID: 25061770-009A APW09

Lab Sample ID: 160-58782-9

Date Collected: 07/07/25 11:22

Matrix: Water

Date Received: 07/10/25 12:09

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	0.265	U	0.313	0.314	1.00	0.514	pCi/L	07/14/25 09:31	08/05/25 16:04	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					07/14/25 09:31	08/05/25 16:04	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	0.342	U	0.446	0.447	1.00	0.744	pCi/L	07/14/25 09:34	08/05/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					07/14/25 09:34	08/05/25 11:53	1
Y Carrier	77.0		30 - 110					07/14/25 09:34	08/05/25 11:53	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.607	U	0.545	0.546	5.00	0.744	pCi/L		08/07/25 11:17	1

Client Sample ID: 25061770-010A APW10

Lab Sample ID: 160-58782-10

Date Collected: 07/07/25 11:58

Matrix: Water

Date Received: 07/10/25 12:09

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	1.27		0.449	0.464	1.00	0.441	pCi/L	07/14/25 09:31	08/05/25 16:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.9		30 - 110					07/14/25 09:31	08/05/25 16:05	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.533	U	0.480	0.483	1.00	0.758	pCi/L	07/14/25 09:34	08/05/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.9		30 - 110					07/14/25 09:34	08/05/25 11:53	1
Y Carrier	76.6		30 - 110					07/14/25 09:34	08/05/25 11:53	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	1.81		0.657	0.670	5.00	0.758	pCi/L		08/07/25 11:17	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
315 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

Client Sample ID: 25061770-011A APW11

Lab Sample ID: 160-58782-11

Date Collected: 07/07/25 10:42

Matrix: Water

Date Received: 07/10/25 12:09

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	0.459		0.235	0.239	1.00	0.271	pCi/L	07/14/25 09:31	08/05/25 16:05	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.7		30 - 110					07/14/25 09:31	08/05/25 16:05	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.516	U	0.368	0.371	1.00	0.557	pCi/L	07/14/25 09:34	08/05/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.7		30 - 110					07/14/25 09:34	08/05/25 11:53	1
Y Carrier	75.9		30 - 110					07/14/25 09:34	08/05/25 11:53	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	0.975		0.437	0.441	5.00	0.557	pCi/L		08/07/25 11:17	1

Client Sample ID: 25061770-012A APW12

Lab Sample ID: 160-58782-12

Date Collected: 07/07/25 11:14

Matrix: Water

Date Received: 07/10/25 12:09

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	0.0704	U	0.160	0.160	1.00	0.293	pCi/L	07/14/25 09:31	08/05/25 16:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	98.5		30 - 110					07/14/25 09:31	08/05/25 16:06	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.879		0.399	0.407	1.00	0.538	pCi/L	07/14/25 09:34	08/05/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	98.5		30 - 110					07/14/25 09:34	08/05/25 11:53	1
Y Carrier	75.9		30 - 110					07/14/25 09:34	08/05/25 11:53	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	0.949		0.430	0.437	5.00	0.538	pCi/L		08/07/25 11:17	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
315 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

Client Sample ID: 25061770-013A APW13

Lab Sample ID: 160-58782-13

Date Collected: 07/07/25 13:13

Matrix: Water

Date Received: 07/10/25 12:09

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	0.193	0.193	1.00	0.339	pCi/L	07/14/25 09:31	08/05/25 16:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					07/14/25 09:31	08/05/25 16:06	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.13		0.470	0.481	1.00	0.623	pCi/L	07/14/25 09:34	08/05/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.7		30 - 110					07/14/25 09:34	08/05/25 11:53	1
Y Carrier	78.1		30 - 110					07/14/25 09:34	08/05/25 11:53	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	1.24		0.508	0.518	5.00	0.623	pCi/L		08/07/25 11:17	1

Client Sample ID: 25061770-014A APW14

Lab Sample ID: 160-58782-14

Date Collected: 07/07/25 12:24

Matrix: Water

Date Received: 07/10/25 12:09

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	0.198	U	0.212	0.213	1.00	0.338	pCi/L	07/14/25 09:31	08/05/25 16:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.2		30 - 110					07/14/25 09:31	08/05/25 16:06	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.270	U	0.401	0.402	1.00	0.677	pCi/L	07/14/25 09:34	08/05/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.2		30 - 110					07/14/25 09:34	08/05/25 11:54	1
Y Carrier	77.4		30 - 110					07/14/25 09:34	08/05/25 11:54	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.469	U	0.454	0.455	5.00	0.677	pCi/L		08/07/25 11:17	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

Client Sample ID: 25061770-015A APW15

Lab Sample ID: 160-58782-15

Date Collected: 07/07/25 11:33

Matrix: Water

Date Received: 07/10/25 12:09

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		0.414	0.424	1.00	0.454	pCi/L	07/14/25 09:31	08/05/25 16:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.4		30 - 110					07/14/25 09:31	08/05/25 16:06	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.856		0.478	0.484	1.00	0.676	pCi/L	07/14/25 09:34	08/05/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.4		30 - 110					07/14/25 09:34	08/05/25 11:54	1
Y Carrier	83.7		30 - 110					07/14/25 09:34	08/05/25 11:54	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.88		0.632	0.643	5.00	0.676	pCi/L		08/07/25 11:17	1

Client Sample ID: 25061770-016A APW16

Lab Sample ID: 160-58782-16

Date Collected: 07/07/25 10:52

Matrix: Water

Date Received: 07/10/25 12:09

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	0.514		0.256	0.260	1.00	0.286	pCi/L	07/14/25 09:31	08/05/25 16:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.9		30 - 110					07/14/25 09:31	08/05/25 16:07	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		0.480	0.499	1.00	0.566	pCi/L	07/14/25 09:34	08/05/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.9		30 - 110					07/14/25 09:34	08/05/25 11:54	1
Y Carrier	80.4		30 - 110					07/14/25 09:34	08/05/25 11:54	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.97		0.544	0.563	5.00	0.566	pCi/L		08/07/25 11:17	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
315 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

Client Sample ID: 25061770-017A APW17

Lab Sample ID: 160-58782-17

Date Collected: 07/07/25 13:10

Matrix: Water

Date Received: 07/10/25 12:09

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	0.603		0.285	0.291	1.00	0.330	pCi/L	07/14/25 09:31	08/05/25 16:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.4		30 - 110					07/14/25 09:31	08/05/25 16:07	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	1.41		0.528	0.544	1.00	0.708	pCi/L	07/14/25 09:34	08/05/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.4		30 - 110					07/14/25 09:34	08/05/25 11:54	1
Y Carrier	81.9		30 - 110					07/14/25 09:34	08/05/25 11:54	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	2.02		0.600	0.617	5.00	0.708	pCi/L		08/07/25 11:17	1

Client Sample ID: 25061770-018A APW18

Lab Sample ID: 160-58782-18

Date Collected: 07/07/25 14:16

Matrix: Water

Date Received: 07/10/25 12:09

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	0.593		0.262	0.267	1.00	0.285	pCi/L	07/14/25 09:31	08/05/25 16:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	99.7		30 - 110					07/14/25 09:31	08/05/25 16:07	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.08		0.392	0.404	1.00	0.495	pCi/L	07/14/25 09:34	08/05/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	99.7		30 - 110					07/14/25 09:34	08/05/25 11:51	1
Y Carrier	86.7		30 - 110					07/14/25 09:34	08/05/25 11:51	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	1.67		0.471	0.484	5.00	0.495	pCi/L		08/07/25 11:17	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
315 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

Client Sample ID: 25061770-019A Field Blank

Lab Sample ID: 160-58782-19

Date Collected: 07/09/25 13:15

Matrix: Water

Date Received: 07/10/25 12:09

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	-0.0132	U	0.160	0.160	1.00	0.335	pCi/L	07/14/25 09:31	08/05/25 17:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					07/14/25 09:31	08/05/25 17:54	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	0.543		0.356	0.359	1.00	0.525	pCi/L	07/14/25 09:34	08/05/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.4		30 - 110					07/14/25 09:34	08/05/25 11:51	1
Y Carrier	81.1		30 - 110					07/14/25 09:34	08/05/25 11:51	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.543		0.390	0.393	5.00	0.525	pCi/L		08/07/25 11:17	1

Client Sample ID: 25061770-020A APW10 Duplicate

Lab Sample ID: 160-58782-20

Date Collected: 07/07/25 11:58

Matrix: Water

Date Received: 07/10/25 12:09

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	0.178	U	0.179	0.179	1.00	0.275	pCi/L	07/14/25 09:31	08/05/25 17:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.9		30 - 110					07/14/25 09:31	08/05/25 17:54	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.360	U	0.386	0.387	1.00	0.628	pCi/L	07/14/25 09:34	08/05/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.9		30 - 110					07/14/25 09:34	08/05/25 11:51	1
Y Carrier	79.6		30 - 110					07/14/25 09:34	08/05/25 11:51	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.538	U	0.425	0.426	5.00	0.628	pCi/L		08/07/25 11:17	1

Eurofins St. Louis

Client Sample Results

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

ATTACHMENT B.
315 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

Client Sample ID: 25061770-021A Equipment Blank 1

Lab Sample ID: 160-58782-21

Date Collected: 07/08/25 14:30

Matrix: Water

Date Received: 07/10/25 12:09

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	0.0384	U	0.163	0.163	1.00	0.318	pCi/L	07/14/25 09:31	08/05/25 17:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.9		30 - 110					07/14/25 09:31	08/05/25 17:54	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.346	U	0.337	0.338	1.00	0.539	pCi/L	07/14/25 09:34	08/05/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.9		30 - 110					07/14/25 09:34	08/05/25 11:51	1
Y Carrier	78.5		30 - 110					07/14/25 09:34	08/05/25 11:51	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.384	U	0.374	0.375	5.00	0.539	pCi/L		08/07/25 11:17	1

Client Sample ID: 25061770-022A Equipment Blank 2

Lab Sample ID: 160-58782-22

Date Collected: 07/09/25 12:50

Matrix: Water

Date Received: 07/10/25 12:09

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	0.0859	U	0.164	0.164	1.00	0.295	pCi/L	07/14/25 09:31	08/05/25 17:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					07/14/25 09:31	08/05/25 17:54	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	0.547	U	0.374	0.378	1.00	0.562	pCi/L	07/14/25 09:34	08/05/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.4		30 - 110					07/14/25 09:34	08/05/25 11:51	1
Y Carrier	78.5		30 - 110					07/14/25 09:34	08/05/25 11:51	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.632		0.408	0.412	5.00	0.562	pCi/L		08/07/25 11:17	1

Eurofins St. Louis

QC Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-727179/1-A

Matrix: Water

Analysis Batch: 730599

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 727179

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.07530	U	0.130	0.130	1.00	0.316	pCi/L	07/14/25 09:31	08/05/25 16:05	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	99.2		30 - 110					07/14/25 09:31	08/05/25 16:05	1

Lab Sample ID: LCS 160-727179/2-A

Matrix: Water

Analysis Batch: 730599

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 727179

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	8.567		1.19	1.00	0.319	pCi/L	89	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	89.9		30 - 110							

Lab Sample ID: 160-58782-3 DU

Matrix: Water

Analysis Batch: 730599

Client Sample ID: 25061770-003A APW04

Prep Type: Total/NA

Prep Batch: 727179

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.196	U	0.2461	U	0.267	1.00	0.429	pCi/L	0.11	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	90.4		30 - 110							

Lab Sample ID: MB 160-727181/1-A

Matrix: Water

Analysis Batch: 730866

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 727181

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.1693	U	0.164	0.165	1.00	0.407	pCi/L	07/14/25 09:35	08/06/25 15:30	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.7		30 - 110					07/14/25 09:35	08/06/25 15:30	1

Lab Sample ID: LCS 160-727181/2-A

Matrix: Water

Analysis Batch: 730866

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 727181

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.260		1.26	1.00	0.376	pCi/L	97	75 - 125

Eurofins St. Louis

QC Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-727181/2-A
Matrix: Water
Analysis Batch: 730866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 727181

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	85.6		30 - 110

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-727180/1-A
Matrix: Water
Analysis Batch: 730599

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 727180

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4173	U	0.317	0.320	1.00	0.488	pCi/L	07/14/25 09:34	08/05/25 11:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	99.2		30 - 110					07/14/25 09:34	08/05/25 11:52	1
Y Carrier	83.7		30 - 110					07/14/25 09:34	08/05/25 11:52	1

Lab Sample ID: LCS 160-727180/2-A
Matrix: Water
Analysis Batch: 730599

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 727180

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.19	9.956		1.34	1.00	0.477	pCi/L	108	75 - 125
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	89.9		30 - 110						
Y Carrier	83.7		30 - 110						

Lab Sample ID: 160-58782-3 DU
Matrix: Water
Analysis Batch: 730599

Client Sample ID: 25061770-003A APW04
Prep Type: Total/NA
Prep Batch: 727180

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	0.652		-0.03832	U	0.300	1.00	0.566	pCi/L	0.96	1
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	90.4		30 - 110							
Y Carrier	84.5		30 - 110							

Lab Sample ID: MB 160-727182/1-A
Matrix: Water
Analysis Batch: 730808

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 727182

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4810	U	0.419	0.421	1.00	0.662	pCi/L	07/14/25 09:40	08/06/25 11:48	1

Eurofins St. Louis

QC Sample Results

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: MB 160-727182/1-A
Matrix: Water
Analysis Batch: 730808

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 727182

	MB	MB	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	87.7		30 - 110
Y Carrier	74.4		30 - 110

Prepared	Analyzed	Dil Fac
07/14/25 09:40	08/06/25 11:48	1
07/14/25 09:40	08/06/25 11:48	1

Lab Sample ID: LCS 160-727182/2-A
Matrix: Water
Analysis Batch: 730808

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 727182

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.19	10.70		1.44	1.00	0.545	pCi/L	117	75 - 125

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	85.6		30 - 110
Y Carrier	81.1		30 - 110

QC Association Summary

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

ATTACHMENT B.
845-QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

Rad

Prep Batch: 727179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-58782-3	25061770-003A APW04	Total/NA	Water	PrecSep-21	
160-58782-4	25061770-004A APW05	Total/NA	Water	PrecSep-21	
160-58782-5	25061770-005A APW05S	Total/NA	Water	PrecSep-21	
160-58782-6	25061770-006A APW06	Total/NA	Water	PrecSep-21	
160-58782-7	25061770-007A APW07	Total/NA	Water	PrecSep-21	
160-58782-8	25061770-008A APW08	Total/NA	Water	PrecSep-21	
160-58782-9	25061770-009A APW09	Total/NA	Water	PrecSep-21	
160-58782-10	25061770-010A APW10	Total/NA	Water	PrecSep-21	
160-58782-11	25061770-011A APW11	Total/NA	Water	PrecSep-21	
160-58782-12	25061770-012A APW12	Total/NA	Water	PrecSep-21	
160-58782-13	25061770-013A APW13	Total/NA	Water	PrecSep-21	
160-58782-14	25061770-014A APW14	Total/NA	Water	PrecSep-21	
160-58782-15	25061770-015A APW15	Total/NA	Water	PrecSep-21	
160-58782-16	25061770-016A APW16	Total/NA	Water	PrecSep-21	
160-58782-17	25061770-017A APW17	Total/NA	Water	PrecSep-21	
160-58782-18	25061770-018A APW18	Total/NA	Water	PrecSep-21	
160-58782-19	25061770-019A Field Blank	Total/NA	Water	PrecSep-21	
160-58782-20	25061770-020A APW10 Duplicate	Total/NA	Water	PrecSep-21	
160-58782-21	25061770-021A Equipment Blank 1	Total/NA	Water	PrecSep-21	
160-58782-22	25061770-022A Equipment Blank 2	Total/NA	Water	PrecSep-21	
MB 160-727179/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-727179/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-58782-3 DU	25061770-003A APW04	Total/NA	Water	PrecSep-21	

Prep Batch: 727180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-58782-3	25061770-003A APW04	Total/NA	Water	PrecSep_0	
160-58782-4	25061770-004A APW05	Total/NA	Water	PrecSep_0	
160-58782-5	25061770-005A APW05S	Total/NA	Water	PrecSep_0	
160-58782-6	25061770-006A APW06	Total/NA	Water	PrecSep_0	
160-58782-7	25061770-007A APW07	Total/NA	Water	PrecSep_0	
160-58782-8	25061770-008A APW08	Total/NA	Water	PrecSep_0	
160-58782-9	25061770-009A APW09	Total/NA	Water	PrecSep_0	
160-58782-10	25061770-010A APW10	Total/NA	Water	PrecSep_0	
160-58782-11	25061770-011A APW11	Total/NA	Water	PrecSep_0	
160-58782-12	25061770-012A APW12	Total/NA	Water	PrecSep_0	
160-58782-13	25061770-013A APW13	Total/NA	Water	PrecSep_0	
160-58782-14	25061770-014A APW14	Total/NA	Water	PrecSep_0	
160-58782-15	25061770-015A APW15	Total/NA	Water	PrecSep_0	
160-58782-16	25061770-016A APW16	Total/NA	Water	PrecSep_0	
160-58782-17	25061770-017A APW17	Total/NA	Water	PrecSep_0	
160-58782-18	25061770-018A APW18	Total/NA	Water	PrecSep_0	
160-58782-19	25061770-019A Field Blank	Total/NA	Water	PrecSep_0	
160-58782-20	25061770-020A APW10 Duplicate	Total/NA	Water	PrecSep_0	
160-58782-21	25061770-021A Equipment Blank 1	Total/NA	Water	PrecSep_0	
160-58782-22	25061770-022A Equipment Blank 2	Total/NA	Water	PrecSep_0	
MB 160-727180/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-727180/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-58782-3 DU	25061770-003A APW04	Total/NA	Water	PrecSep_0	

QC Association Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

Rad

Prep Batch: 727181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-58782-1	25061770-001A APW02	Total/NA	Water	PrecSep-21	
160-58782-2	25061770-002A APW03	Total/NA	Water	PrecSep-21	
MB 160-727181/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-727181/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 727182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-58782-1	25061770-001A APW02	Total/NA	Water	PrecSep_0	
160-58782-2	25061770-002A APW03	Total/NA	Water	PrecSep_0	
MB 160-727182/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-727182/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

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

ATTACHMENT B.
845-QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

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)					
160-58782-1	25061770-001A APW02	88.4					
160-58782-2	25061770-002A APW03	85.6					
160-58782-3	25061770-003A APW04	91.4					
160-58782-3 DU	25061770-003A APW04	90.4					
160-58782-4	25061770-004A APW05	91.7					
160-58782-5	25061770-005A APW05S	90.9					
160-58782-6	25061770-006A APW06	91.9					
160-58782-7	25061770-007A APW07	89.9					
160-58782-8	25061770-008A APW08	93.7					
160-58782-9	25061770-009A APW09	90.7					
160-58782-10	25061770-010A APW10	86.9					
160-58782-11	25061770-011A APW11	94.7					
160-58782-12	25061770-012A APW12	98.5					
160-58782-13	25061770-013A APW13	90.7					
160-58782-14	25061770-014A APW14	89.2					
160-58782-15	25061770-015A APW15	92.4					
160-58782-16	25061770-016A APW16	85.9					
160-58782-17	25061770-017A APW17	89.4					
160-58782-18	25061770-018A APW18	99.7					
160-58782-19	25061770-019A Field Blank	90.4					
160-58782-20	25061770-020A APW10	86.9					
	Duplicate						
160-58782-21	25061770-021A Equipment	89.9					
	Blank 1						
160-58782-22	25061770-022A Equipment	91.4					
	Blank 2						
LCS 160-727179/2-A	Lab Control Sample	89.9					
LCS 160-727181/2-A	Lab Control Sample	85.6					
MB 160-727179/1-A	Method Blank	99.2					
MB 160-727181/1-A	Method Blank	87.7					

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)				
160-58782-1	25061770-001A APW02	88.4	77.0				
160-58782-2	25061770-002A APW03	85.6	79.3				
160-58782-3	25061770-003A APW04	91.4	75.9				
160-58782-3 DU	25061770-003A APW04	90.4	84.5				
160-58782-4	25061770-004A APW05	91.7	75.9				
160-58782-5	25061770-005A APW05S	90.9	72.5				
160-58782-6	25061770-006A APW06	91.9	72.9				
160-58782-7	25061770-007A APW07	89.9	78.9				
160-58782-8	25061770-008A APW08	93.7	79.6				
160-58782-9	25061770-009A APW09	90.7	77.0				
160-58782-10	25061770-010A APW10	86.9	76.6				

Eurofins St. Louis

Tracer/Carrier Summary

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

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-58782-1
SDG: 25061770

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)
160-58782-11	25061770-011A APW11	94.7	75.9
160-58782-12	25061770-012A APW12	98.5	75.9
160-58782-13	25061770-013A APW13	90.7	78.1
160-58782-14	25061770-014A APW14	89.2	77.4
160-58782-15	25061770-015A APW15	92.4	83.7
160-58782-16	25061770-016A APW16	85.9	80.4
160-58782-17	25061770-017A APW17	89.4	81.9
160-58782-18	25061770-018A APW18	99.7	86.7
160-58782-19	25061770-019A Field Blank	90.4	81.1
160-58782-20	25061770-020A APW10	86.9	79.6
	Duplicate		
160-58782-21	25061770-021A Equipment	89.9	78.5
	Blank 1		
160-58782-22	25061770-022A Equipment	91.4	78.5
	Blank 2		
LCS 160-727180/2-A	Lab Control Sample	89.9	83.7
LCS 160-727182/2-A	Lab Control Sample	85.6	81.1
MB 160-727180/1-A	Method Blank	99.2	83.7
MB 160-727182/1-A	Method Blank	87.7	74.4

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: A213
Sample ID: 001
Date (s): 7/7/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe Affiliation: TekLab, Inc.

Weather Conditions

Temp: 84 °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: 7/1/25 1:52 PM Static Water Level: 19.59 feet below TOC
Total Depth: 61.02 feet below TOC
Water Column: 41.43 feet

Purging Activities

Purged By: AL Purge Date: 7/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 41.432 ft. x 0.022 = 0.91 L x 3 Vol. = 2.73 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear Odor: None Color: light 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
13:52	0.0	93	purge start time						
14:26	3.2	↓	6.97	2,252.80	20.26	4.30	-74.10	47.15	
14:29	3.4		6.86	2,851.60	20.38	1.96	-86.60	56.02	
14:32	3.7		6.85	2,847.40	21.46	1.08	-93.10	70.18	
14:35	4.0		6.85	2,857.10	21.85	0.77	-97.50	83.53	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/1/2025 14:35
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.85 pH 2,857.10 Spec. Cond. 21.85 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 27.10 feet below TOC Drawdown: 7.51 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By: 

Date: 7/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: A214
Sample ID: 002
Date (s): 7/8/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe Affiliation: TekLab, Inc.

Weather Conditions

Temp: 80 °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: 7/8/25 12:22 PM Static Water Level: 40.83 feet below TOC
Total Depth: 75.44 feet below TOC
Water Column: 34.61 feet

Purging Activities

Purged By: AL Purge Date: 7/8/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 34.607 ft. x 0.022 = 0.76 L x 3 Vol. = 2.28 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 14.00 L
Physical appearance of purge water: Cloudy Odor: None 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
12:22	0.0	824	purge start time						
12:30	6.6	↓	7.24	1,405.90	16.37	0.66	-131.70	133.53	
12:33	9.1		7.25	1,378.70	15.81	0.55	-137.30	89.98	
12:36	11.5		7.26	1,335.60	15.62	0.48	-141.50	74.56	
12:39	14.0		7.27	1,313.60	15.54	0.43	-144.60	47.35	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/8/2025 12:39
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.27 pH 1,313.60 Spec. Cond. 15.54 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 39.92 feet below TOC Drawdown: -0.91 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Allison Lampe

Date: 7/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: A215
Sample ID: 003
Date (s): 7/9/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe Affiliation: TekLab, Inc.

Weather Conditions

Temp: 80 °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: 7/9/25 10:54 AM Static Water Level: 45.05 feet below TOC
Total Depth: 78.27 feet below TOC
Water Column: 33.22 feet

Purging Activities

Purged By: AL Purge Date: 7/9/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 33.22 ft. x 0.022 = 0.73 L x 3 Vol. = 2.19 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 18.00 L
Physical appearance of purge water: Cloudy Odor: None 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
10:54	0.0	581	purge start time						
11:13	11.0	↓	7.01	2,613.10	16.41	0.49	-117.40	85.37	
11:16	12.8		7.02	2,493.20	16.45	0.45	-119.70	51.36	
11:19	14.5		7.02	2,394.40	16.60	0.42	-121.80	35.64	
11:22	16.3		7.03	2,365.30	16.50	0.40	-123.30	22.53	
11:25	18.0		7.03	2,276.10	16.53	0.38	-124.90	21.06	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/9/2025 11:25
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.03 pH 2,276.10 Spec. Cond. 16.53 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 46.10 feet below TOC Drawdown: 1.05 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115

Form Completed By:

Allison Lampe

Date:

7/9/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: APW02
Sample ID: 004
Date (s): 7/7/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe Affiliation: TekLab, Inc.

Weather Conditions

Temp: 80 °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: 7/7/25 12:04 PM Static Water Level: 5.92 feet below TOC
Total Depth: 23.49 feet below TOC
Water Column: 17.57 feet

Purging Activities

Purged By: AL Purge Date: 7/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $17.572 \text{ ft.} \times 0.022 = 0.39 \text{ L} \times 3 \text{ Vol.} = 1.17 \text{ L}$ *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
12:04	0.0	125	purge start time						
12:22	2.3	↓	6.47	5,371.00	24.06	1.36	-136.20	47.62	
12:25	2.6		6.48	5,368.30	23.46	1.26	-136.10	66.47	
12:28	3.0		6.48	5,366.20	23.08	1.22	-135.30	78.08	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/7/2025 12:28
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.48 pH 5,366.20 Spec. Cond. 23.08 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 8.45 feet below TOC Drawdown: 2.53 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115
-

Form Completed By:

Allison Lampe

Date: 7/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: APW03
Sample ID: 005
Date (s): 7/7/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe Affiliation: TekLab, Inc.

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	<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: 7/7/25 10:31 AM Static Water Level: 9.47 feet below TOC
Total Depth: 23.74 feet below TOC
Water Column: 14.27 feet

Purging Activities

Purged By: AL Purge Date: 7/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.273 ft. x 0.022 = 0.31 L x 3 Vol. = 0.93 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.00 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
10:31	0.0	188	purge start time						
10:38	1.3	↓	6.61	986.50	19.47	1.95	59.40	5.07	
10:41	1.9		6.63	991.70	20.24	1.96	54.50	3.38	
10:44	2.4		6.64	993.90	21.16	2.01	50.80	2.69	
10:47	3.0		6.66	991.90	21.75	2.01	47.90	1.99	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/7/2025 10:47
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.66 pH 991.90 Spec. Cond. 21.75 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 12.12 feet below TOC Drawdown: 2.65 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115
-

Form Completed By: 

Date: 7/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: APW04
Sample ID: 006
Date (s): 7/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

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	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/7/25 12:00 PM Static Water Level: 5.08 feet below TOC
Total Depth: 21.37 feet below TOC
Water Column: 16.29 feet

Purging Activities

Purged By: JC Purge Date: 7/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $16.292 \text{ ft.} \times 0.022 = 0.36 \text{ L} \times 3 \text{ Vol.} = 1.08 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 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
12:02	0.0	194	purge start time						
12:27	4.8	↓	6.66	2,274.90	20.52	2.29	139.90	14.62	
12:30	5.4		6.66	2,290.60	20.37	2.16	139.30	15.36	
12:33	6.0		6.66	2,288.50	19.95	2.01	138.70	16.25	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/7/2025 12:33
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.66 pH 2,288.50 Spec. Cond. 19.95 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.98 feet below TOC Drawdown: 5.90 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 37574
-

Form Completed By:

Justin Colp

Date: 7/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: APW05
Sample ID: 007
Date (s): 7/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 84 °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: 7/7/25 2:02 PM Static Water Level: 15.77 feet below TOC
Total Depth: 70.78 feet below TOC
Water Column: 55.01 feet

Purging Activities

Purged By: JC Purge Date: 7/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 55.013 ft. x 0.022 = 1.21 L x 3 Vol. = 3.63 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
14:15	0.0	187	purge start time						
14:22	1.3	↓	7.62	1,043.40	19.24	6.21	131.00	2.10	
14:25	1.9		7.62	1,038.60	19.00	6.08	131.40	1.98	
14:28	2.4		7.62	1,036.30	18.94	6.01	131.80	1.90	
14:31	3.0		7.62	1,036.40	18.82	5.96	132.20	1.97	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/7/2025 14:31
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 7.62 pH 1,036.40 Spec. Cond. 18.82 Temp
Field Filtered: No Filter Type:
Water Level: 15.91 feet below TOC Drawdown: 0.14 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 37574
-

Form Completed By: Justin Colp

Date: 7/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: APW05S
Sample ID: 008
Date (s): 7/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 84 °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: 7/7/25 1:32 PM Static Water Level: 11.91 feet below TOC
Total Depth: 23.16 feet below TOC
Water Column: 11.25 feet

Purging Activities

Purged By: JC Purge Date: 7/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 11.254 ft. x 0.022 = 0.25 L x 3 Vol. = 0.75 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
13:34	0.0	220	purge start time						
13:41	1.5	↓	6.75	4,081.70	18.82	2.57	134.20	6.59	
13:44	2.2		6.74	4,219.20	18.46	2.30	131.50	7.78	
13:47	2.9		6.73	4,212.80	18.25	2.07	129.20	8.77	
13:50	3.5		6.73	4,208.40	18.47	1.90	127.40	8.57	
13:53	4.2		6.73	4,208.60	18.25	1.79	125.90	8.59	
13:56	4.8		6.73	4,184.00	18.23	1.74	124.70	8.75	
13:59	5.5		6.72	4,167.70	18.03	1.75	124.00	8.33	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/7/2025 13:59
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.72 pH 4,167.70 Spec. Cond. 18.03 Temp
Field Filtered: No Filter Type:
Water Level: 12.69 feet below TOC Drawdown: 0.78 feet

- Field Meter: 37574
-

Form Completed By: 

Date: 7/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: APW06
Sample ID: 009
Date (s): 7/7/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe Affiliation: TekLab, Inc.

Weather Conditions

Temp: 82 °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: 7/7/25 12:51 PM Static Water Level: 19.56 feet below TOC
Total Depth: 76.11 feet below TOC
Water Column: 56.55 feet

Purging Activities

Purged By: AL Purge Date: 7/7/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 56.553 ft. x 0.022 = 1.24 L x 3 Vol. = 3.72 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.00 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
12:51	0.0	190	purge start time						
13:03	2.3	↓	7.49	891.40	20.16	1.42	-77.50	3.03	
13:06	2.9		7.49	890.40	19.78	1.31	-76.00	3.18	
13:09	3.4		7.49	890.40	20.29	1.23	-74.80	3.56	
13:12	4.0		7.49	890.40	20.03	1.21	-73.60	2.03	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/7/2025 13:12
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.49 pH 890.40 Spec. Cond. 20.03 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 19.69 feet below TOC Drawdown: 0.13 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115
-

Form Completed By: 

Date: 7/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: APW07
Sample ID: 010
Date (s): 7/9/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe Affiliation: TekLab, Inc.

Weather Conditions

Temp: 79 °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: 7/9/25 10:07 AM Static Water Level: 41.70 feet below TOC
Total Depth: 85.66 feet below TOC
Water Column: 43.96 feet

Purging Activities

Purged By: AL Purge Date: 7/9/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 43.964 ft. x 0.022 = 0.97 L x 3 Vol. = 2.91 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Cloudy Odor: None Color: light 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
10:07	0.0	333	purge start time						
10:19	4.0	↓	7.00	1,113.00	20.12	0.77	-42.40	50.29	
10:22	5.0		7.02	1,113.00	20.22	0.73	-53.80	84.54	
10:25	6.0		7.03	1,112.20	20.77	0.66	-62.20	105.41	
10:28	7.0		7.04	1,111.80	20.79	0.59	-73.30	112.43	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/9/2025 10:28
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.04 pH 1,111.80 Spec. Cond. 20.79 Temp
Field Filtered: No Filter Type:
Water Level: 47.81 feet below TOC Drawdown: 6.11 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115
-

Form Completed By: 

Date: 7/9/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: APW08
Sample ID: 011
Date (s): 7/7/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe Affiliation: TekLab, Inc.

Weather Conditions

Temp: 83 °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: 7/7/25 1:41 PM Static Water Level: 36.64 feet below TOC
Total Depth: 84.27 feet below TOC
Water Column: 47.63 feet

Purging Activities

Purged By: AL Purge Date: 7/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 47.633 ft. x 0.022 = 1.05 L x 3 Vol. = 3.15 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
13:41	0.0	111	purge start time						
13:59	2.0	↓	7.08	1,174.10	18.12	1.63	-62.50	7.70	
14:02	2.3		7.08	1,175.30	18.18	1.38	-65.50	10.62	
14:05	2.7		7.08	1,173.60	18.07	1.24	-73.50	14.17	
14:08	3.0		7.09	1,171.30	18.05	1.16	-83.20	18.65	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/7/2025 14:08
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.09 pH 1,171.30 Spec. Cond. 18.05 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 37.81 feet below TOC Drawdown: 1.17 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115
-

Form Completed By:

Allison Lampe

Date: 7/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: APW09
Sample ID: 012
Date (s): 7/7/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe Affiliation: TekLab, Inc.

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	<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: 7/7/25 11:08 AM Static Water Level: 26.81 feet below TOC
Total Depth: 65.03 feet below TOC
Water Column: 38.22 feet

Purging Activities

Purged By: AL Purge Date: 7/7/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 38.223 ft. x 0.022 = 0.84 L x 3 Vol. = 2.52 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 2.00 L
Physical appearance of purge water: Clear Odor: Slight Color: light 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
11:08	0.0	143	purge start time						
11:13	0.7	↓	7.37	1,457.60	19.17	1.88	47.10	2.23	
11:16	1.1		7.38	1,462.80	19.19	1.78	44.10	2.38	
11:19	1.6		7.39	1,461.80	19.11	1.71	41.20	2.07	
11:22	2.0		7.39	1,462.20	19.01	1.66	38.90	2.25	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/7/2025 11:22
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.39 pH 1,462.20 Spec. Cond. 19.01 Temp
Field Filtered: No Filter Type:
Water Level: 26.80 feet below TOC Drawdown: -0.01 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115
-

Form Completed By:

Allison Lampe

Date: 7/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: APW10
Sample ID: 013
Date (s): 7/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

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: 7/7/25 11:23 AM Static Water Level: 17.98 feet below TOC
Total Depth: 48.77 feet below TOC
Water Column: 30.79 feet

Purging Activities

Purged By: JC Purge Date: 7/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 30.785 ft. x 0.022 = 0.68 L x 3 Vol. = 2.04 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: 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
11:25	0.0	182	purge start time						
11:34	1.6	↓	7.23	1,618.90	18.34	3.43	142.70	34.95	
11:37	2.2		7.21	1,619.20	18.42	2.74	141.40	39.31	
11:40	2.7		7.21	1,622.30	18.53	2.23	140.30	32.60	
11:43	3.3		7.20	1,621.50	18.73	2.08	139.20	23.10	
11:46	3.8		7.19	1,624.40	18.71	1.94	138.80	16.96	
11:49	4.4		7.18	1,628.00	18.64	1.72	138.40	13.34	
11:52	4.9		7.17	1,629.30	18.71	1.47	138.00	11.94	
11:55	5.5		7.16	1,630.00	18.88	1.32	137.30	11.43	
11:58	6.0		7.16	1,631.50	18.69	1.23	136.80	11.14	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/7/2025 11:58
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.16 pH 1,631.50 Spec. Cond. 18.69 Temp
Field Filtered: No Filter Type:
Water Level: 18.20 feet below TOC Drawdown: 0.22 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 37574
-

Form Completed By: Justin Colp

Date: 7/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: APW11
Sample ID: 014
Date (s): 7/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

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: 7/7/25 10:15 AM Static Water Level: 24.76 feet below TOC
Total Depth: 67.83 feet below TOC
Water Column: 43.07 feet

Purging Activities

Purged By: JC Purge Date: 7/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 43.074 ft. x 0.022 = 0.95 L x 3 Vol. = 2.85 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Cloudy Odor: None Color: orange

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						
10:21	1.0	↓	6.80	1,390.80	17.38	3.37	177.80	165.92	
10:24	1.5		6.83	1,392.60	17.41	3.28	163.70	77.38	
10:27	2.1		6.85	1,379.80	17.49	2.92	139.80	92.86	
10:30	2.7		6.86	1,373.10	17.59	2.65	117.10	100.81	
10:33	3.3		6.88	1,369.50	17.63	2.45	97.30	90.74	
10:36	3.8		6.88	1,367.90	17.73	2.29	77.30	75.10	
10:39	4.4		6.89	1,367.40	17.68	2.18	64.00	71.53	
10:42	5.0		6.90	1,365.20	17.81	2.07	50.10	84.06	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/7/2025 10:42
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.90 pH 1,365.20 Spec. Cond. 17.81 Temp
Field Filtered: No Filter Type:
Water Level: 25.11 feet below TOC Drawdown: 0.35 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 37574
-

Form Completed By: Justin Colp

Date: 7/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: APW12
Sample ID: 015
Date (s): 7/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

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	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/7/25 10:52 AM Static Water Level: 15.49 feet below TOC
Total Depth: 33.10 feet below TOC
Water Column: 17.61 feet

Purging Activities

Purged By: JC Purge Date: 7/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 17.612 ft. x 0.022 = 0.39 L x 3 Vol. = 1.17 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
10:53	0.0	238	purge start time						
10:59	1.4	↓	6.22	1,988.70	15.85	2.62	148.30	4.74	
11:02	2.1		6.24	2,144.20	15.76	1.60	144.40	2.43	
11:05	2.9		6.27	2,231.60	15.68	1.16	140.10	2.24	
11:08	3.6		6.28	2,269.90	15.70	0.96	136.20	1.97	
11:11	4.3		6.29	2,293.30	15.63	0.86	132.80	1.91	
11:14	5.0		6.30	2,313.90	15.67	0.79	129.60	1.67	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/7/2025 11:14
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.30 pH 2,313.90 Spec. Cond. 15.67 Temp
Field Filtered: No Filter Type:
Water Level: 15.49 feet below TOC Drawdown: 0.00 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

Field Meter: 37574

Form Completed By: Justin Colp

Date: 7/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: APW13
Sample ID: 016
Date (s): 7/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 82 °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: 7/7/25 12:50 PM Static Water Level: 32.43 feet below TOC
Total Depth: 66.56 feet below TOC
Water Column: 34.13 feet

Purging Activities

Purged By: JC Purge Date: 7/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 34.127 ft. x 0.022 = 0.75 L x 3 Vol. = 2.25 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.50 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
12:52	0.0	214	purge start time						
12:58	1.3	↓	7.05	1,534.30	17.62	2.13	20.00	29.51	
13:01	1.9		7.05	1,535.30	17.39	1.57	-17.70	36.98	
13:04	2.6		7.05	1,536.90	17.61	1.26	-37.70	50.15	
13:07	3.2		7.05	1,538.40	17.70	1.07	-49.90	63.26	
13:10	3.9		7.06	1,538.70	17.78	0.96	-57.50	73.58	
13:13	4.5		7.06	1,538.40	17.75	0.88	-62.60	82.41	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/7/2025 13:13
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.06 pH 1,538.40 Spec. Cond. 17.75 Temp
Field Filtered: No Filter Type:
Water Level: 32.81 feet below TOC Drawdown: 0.38 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

Field Meter: 37574

Form Completed By: Justin Colp

Date: 7/7/2025



Field Data Sheet

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: APW14
Sample ID: 017
Date (s): 7/7/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 80 °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: 7/7/25 11:59 AM Static Water Level: 21.18 feet below TOC
Total Depth: 57.54 feet below TOC
Water Column: 36.36 feet

Purging Activities

Purged By: JR Purge Date: 7/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 36.355 ft. x 0.022 = 0.8 L x 3 Vol. = 2.4 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
11:59	0.0	240	purge start time						
12:09	2.4	↓	6.67	2,288.10	19.09	3.63	147.80	13.24	
12:12	3.1		6.67	2,290.40	20.20	3.35	144.10	11.56	
12:15	3.8		6.67	2,292.40	19.65	3.09	143.00	11.22	
12:18	4.6		6.66	2,293.10	20.46	2.80	141.70	11.19	
12:21	5.3		6.67	2,292.10	20.66	2.57	140.90	12.37	
12:24	6.0		6.66	2,299.00	20.75	2.44	140.30	13.83	

Sampling Activities

Sampled By: jr Sample Date/Time: 7/7/2025 12:24
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.66 pH 2,299.00 Spec. Cond. 20.75 Temp
Field Filtered: No Filter Type:
Water Level: 21.24 feet below TOC Drawdown: 0.06 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

Field Meter: 44954

Form Completed By: Brett Gillihan

Date: 7/7/2025



Field Data Sheet

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: APW15
Sample ID: 018
Date (s): 7/7/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

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: 7/7/25 11:13 AM Static Water Level: 21.29 feet below TOC
Total Depth: 105.99 feet below TOC
Water Column: 84.70 feet

Purging Activities

Purged By: JR Purge Date: 7/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 84.697 ft. x 0.022 = 1.86 L x 3 Vol. = 5.58 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: LtBrown

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
11:13	0.0	275	purge start time						
11:21	2.2	↓	6.94	1,818.40	19.98	1.59	-32.00	39.36	
11:24	3.0		6.93	1,821.30	19.85	1.20	-55.00	39.25	
11:27	3.8		6.92	1,823.50	20.16	0.96	-68.70	70.61	
11:30	4.7		6.91	1,822.60	20.26	0.80	-77.80	32.92	
11:33	5.5		6.91	1,823.50	20.19	0.69	-84.60	39.04	

Sampling Activities

Sampled By: JR Sample Date/Time: 7/7/2025 11:33
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.91 pH 1,823.50 Spec. Cond. 20.19 Temp
Field Filtered: No Filter Type:
Water Level: 21.33 feet below TOC Drawdown: 0.04 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954

Form Completed By: Brett Gillihan

Date: 7/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: APW16
Sample ID: 019
Date (s): 7/7/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez 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: 7/7/25 10:24 AM Static Water Level: 40.26 feet below TOC
Total Depth: 87.82 feet below TOC
Water Column: 47.56 feet

Purging Activities

Purged By: JR Purge Date: 7/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 47.56 ft. x 0.022 = 1.05 L x 3 Vol. = 3.15 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: 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
10:24	0.0	214	purge start time						
10:40	3.4	↓	7.15	1,211.40	15.74	1.07	12.20	18.57	
10:43	4.1		7.16	1,211.60	15.89	0.94	-5.60	20.57	
10:46	4.7		7.18	1,211.70	15.82	0.86	-21.30	28.46	
10:49	5.4		7.19	1,210.70	15.90	0.79	-33.90	38.84	
10:52	6.0		7.20	1,211.40	15.85	0.74	-43.90	49.51	

Sampling Activities

Sampled By: JR Sample Date/Time: 7/7/2025 10:52
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.20 pH 1,211.40 Spec. Cond. 15.85 Temp
Field Filtered: No Filter Type:
Water Level: 40.27 feet below TOC Drawdown: 0.01 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954

Form Completed By:

Brett Gillihan

Date:

7/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: APW17
Sample ID: 020
Date (s): 7/7/2027

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 82 °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: 7/7/25 12:41 PM Static Water Level: 41.26 feet below TOC
Total Depth: 94.92 feet below TOC
Water Column: 53.66 feet

Purging Activities

Purged By: JR Purge Date: 7/7/2027
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 53.661 ft. x 0.022 = 1.18 L x 3 Vol. = 3.54 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.50 L
Physical appearance of purge water: Cloudy Odor: None Color: LtBrown

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
12:41	0.0	190	purge start time						
12:58	3.2	↓	7.20	1,080.00	20.40	1.18	-3.70	55.20	
13:01	3.8		7.21	1,075.30	20.55	1.03	-12.80	40.72	
13:04	4.4		7.21	1,074.30	20.75	0.92	-24.10	46.86	
13:07	4.9		7.21	1,074.70	21.33	0.84	-36.30	55.56	
13:10	5.5		7.22	1,076.90	21.50	0.78	-48.40	49.51	

Sampling Activities

Sampled By: JR Sample Date/Time: 7/7/2025 13:10
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.22 pH 1,076.90 Spec. Cond. 21.50 Temp
Field Filtered: No Filter Type:
Water Level: 41.29 feet below TOC Drawdown: 0.03 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954

Form Completed By:

Brett Gillihan

Date:

7/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: APW18
Sample ID: 021
Date (s): 7/7/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 85 °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: 7/7/25 1:50 PM Static Water Level: 51.84 feet below TOC
Total Depth: 82.96 feet below TOC
Water Column: 31.12 feet

Purging Activities

Purged By: JR Purge Date: 7/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 31.124 ft. x 0.022 = 0.68 L x 3 Vol. = 2.04 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Cloudy Odor: Slight Color: LtBrown

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
13:50	0.0	231	purge start time						
12:20	-20.8	↓	7.38	1,009.90	22.03	1.44	-42.90	125.39	
12:23	-20.1		7.39	1,009.60	22.47	1.22	-63.20	151.34	
12:26	-19.4		7.40	1,012.20	22.54	1.07	-77.60	122.30	
12:29	-18.7		7.40	1,013.50	23.42	0.96	-89.20	142.81	
12:32	-18.0		7.41	1,014.60	23.41	0.86	-98.30	161.02	
14:04	3.2		7.56	935.50	19.75	1.18	-37.90	76.97	
14:07	3.9		7.56	936.20	19.89	0.99	-60.80	108.43	
14:10	4.6		7.56	934.50	19.85	0.87	-76.70	179.14	
14:13	5.3		7.56	935.50	20.04	0.78	-88.30	162.31	
14:16	6.0		7.56	937.40	20.38	0.72	-97.40	89.86	

Sampling Activities

Sampled By: JR Sample Date/Time: 7/7/2025 14:16
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.56 pH 937.40 Spec. Cond. 20.38 Temp
Field Filtered: No Filter Type:
Water Level: 51.72 feet below TOC Drawdown: -0.12 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954
-

Form Completed By: Brett Gillihan

Date: 7/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G06D
Sample ID: 022
Date (s): 7/8/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe Affiliation: TekLab, Inc.

Weather Conditions

Temp: 87 °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: 7/8/25 1:13 PM Static Water Level: 29.81 feet below TOC
Total Depth: 96.60 feet below TOC
Water Column: 66.79 feet

Purging Activities

Purged By: AL Purge Date: 7/8/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 66.79 ft. x 0.022 = 1.47 L x 3 Vol. = 4.41 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: light 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
13:13	0.0	250	purge start time						
13:24	2.8	↓	7.09	1,517.20	16.01	1.15	-131.10	33.11	
13:27	3.5		7.09	1,520.40	16.71	0.99	-131.20	32.57	
13:30	4.3		7.08	1,539.20	17.47	1.16	-131.70	23.95	
13:33	5.0		7.10	1,519.20	14.99	0.78	-135.10	28.51	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/8/2025 13:33
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.10 pH 1,519.20 Spec. Cond. 14.99 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 38.77 feet below TOC Drawdown: 8.96 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115
-

Form Completed By:

Allison Lampe

Date: 7/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G104
Sample ID: 023
Date (s): 7/8/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 84 °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: 7/8/25 11:15 AM Static Water Level: 7.10 feet below TOC
Total Depth: 39.21 feet below TOC
Water Column: 32.11 feet

Purging Activities

Purged By: JC Purge Date: 7/8/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 32.11 ft. x 0.022 = 0.71 L x 3 Vol. = 2.13 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
11:16	0.0	208	purge start time						
11:25	1.9	↓	6.83	1,497.80	25.04	2.50	83.00	146.10	
11:28	2.5		6.83	1,498.30	25.12	2.19	79.80	191.24	
11:31	3.1		6.83	1,495.70	25.46	1.94	78.00	231.78	
11:34	3.8		6.83	1,495.90	24.63	1.80	77.40	251.54	
11:37	4.4		6.83	1,495.60	25.23	1.70	77.90	269.40	
11:40	5.0		6.83	1,499.50	24.56	1.67	78.70	267.78	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/8/2025 11:40
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.83 pH 1,499.50 Spec. Cond. 24.56 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 8.65 feet below TOC Drawdown: 1.55 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

Field Meter: 37574

Form Completed By: Justin Colp

Date: 7/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G104D
Sample ID: 024
Date (s): 7/1/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 82 °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
Protective Casing
Well

Yes	No
X	
	X

Groundwater Level Measurements

Date/Time Measured: 7/1/25 10:46 AM

Static Water Level: 49.88 feet below TOC
Total Depth: 88.82 feet below TOC
Water Column: 38.94 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: Justin Colp

Date: 7/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G104S
Sample ID: 025
Date (s): 7/1/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 82 °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: 7/1/25 10:45 AM

Static Water Level: 7.49 feet below TOC
Total Depth: 24.91 feet below TOC
Water Column: 17.42 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: Justin Colp

Date: 7/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G105
Sample ID: 026
Date (s): 7/1/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 85 °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: 7/1/25 1:41 PM Static Water Level: 8.75 feet below TOC
Total Depth: 20.34 feet below TOC
Water Column: 11.59 feet

Purging Activities

Purged By: JC Purge Date: 7/1/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 11.59 ft. x 0.022 = 0.25 L x 3 Vol. = 0.75 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.50 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
13:42	0.0	250	purge start time						
13:45	0.7	↓	6.60	2,251.10	19.20	2.38	-115.90	3.84	
13:48	1.5		6.61	2,277.30	20.13	2.00	-126.40	3.65	
13:51	2.2		6.63	2,275.40	20.06	1.74	-132.90	3.10	
13:54	3.0		6.65	2,274.10	19.71	1.55	-137.30	2.73	
13:57	3.7		6.66	2,257.90	19.69	1.43	-139.10	2.52	
14:00	4.5		6.67	2,231.30	20.14	1.38	-136.40	1.58	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/1/2025 14:00
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.67 pH 2,231.30 Spec. Cond. 20.14 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 8.81 feet below TOC Drawdown: 0.06 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 37574

Form Completed By: Justin Colp

Date: 7/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G106
Sample ID: 027
Date (s): 7/1/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 85 °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: 7/1/25 1:42 PM Static Water Level: 23.35 feet below TOC
Total Depth: 36.07 feet below TOC
Water Column: 12.72 feet

Purging Activities

Purged By: JR Purge Date: 7/1/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 12.721 ft. x 0.022 = 0.28 L x 3 Vol. = 0.84 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: 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
13:42	0.0	182	purge start time						
14:06	4.4	↓	6.58	3,521.40	16.13	1.64	43.30	124.83	
14:09	4.9		6.58	3,464.90	16.16	1.42	42.30	106.73	
14:12	5.5		6.59	3,432.50	16.28	1.25	41.30	94.12	
14:15	6.0		6.59	3,410.70	16.41	1.13	40.40	78.89	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/1/2025 14:15
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.59 pH 3,410.70 Spec. Cond. 16.41 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 23.66 feet below TOC Drawdown: 0.31 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954
-

Form Completed By:

Brett Gillihan

Date: 7/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G109
Sample ID: 028
Date (s): 7/1/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 85 °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: 7/1/25 12:22 PM Static Water Level: 3.88 feet below TOC
Total Depth: 23.79 feet below TOC
Water Column: 19.91 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: Justin Colp

Date: 7/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G111
Sample ID: 029
Date (s): 7/2/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 83 °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: 7/2/25 9:55 AM

Static Water Level: 8.00 feet below TOC
Total Depth: 22.02 feet below TOC
Water Column: 14.02 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: *Justin Colp*

Date: 7/2/2025



ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Monitoring Point:	G112
Sample ID:	030
Date (s):	7/1/2025

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Temp: 85 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Pad	Good	Locks Protective Casing Well	Yes	No
Casing	Good		X	
Protective Casing	Good			X
Reference Mark/Identification	Yes			

Static Water Level:	<u>7.98</u>	feet below TOC
Total Depth:	<u>23.68</u>	feet below TOC
Water Column:	15.70	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: John Gdx Date: 7/1/2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Monitoring Point:	G113
Sample ID:	031
Date (s):	7/1/2025

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Temp: 85 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Pad	Good	Locks Protective Casing Well	Yes	No
Casing	Good		X	
Protective Casing	Good			X
Reference Mark/Identification	Yes			

Static Water Level:	<u>20.43</u>	feet below TOC
Total Depth:	<u>34.02</u>	feet below TOC
Water Column:	13.59	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

- DTW Only

Date: 7/1/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G114
Sample ID: 032
Date (s): 7/1/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 84 °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: 7/1/25 11:45 AM

Static Water Level: 17.35 feet below TOC
Total Depth: 17.88 feet below TOC
Water Column: 0.53 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: Justin Colp

Date: 7/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G115
Sample ID: 033
Date (s): 7/2/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 83 °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: 7/2/25 10:27 AM

Static Water Level: 6.59 feet below TOC
Total Depth: 19.28 feet below TOC
Water Column: 12.69 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: Justin Colp

Date: 7/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G116
Sample ID: 034
Date (s): 7/8/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 80 °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: 7/8/25 9:58 AM Static Water Level: 5.11 feet below TOC
Total Depth: 15.61 feet below TOC
Water Column: 10.50 feet

Purging Activities

Purged By: JC Purge Date: 7/8/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 10.5 ft. x 0.022 = 0.23 L x 3 Vol. = 0.69 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
10:00	0.0	239	purge start time						
10:05	1.2	↓	6.61	986.10	22.87	2.51	176.30	11.42	
10:08	1.9		6.64	986.80	22.57	1.99	166.50	16.66	
10:11	2.6		6.66	989.60	22.43	1.70	159.40	25.38	
10:14	3.3		6.66	993.50	22.41	1.52	154.00	36.03	
10:17	4.1		6.66	998.00	22.89	1.39	149.60	47.54	
10:20	4.8		6.65	1,001.40	23.15	1.31	145.80	60.38	
10:23	5.5		6.65	1,002.00	23.54	1.26	142.10	75.66	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/8/2025 10:23
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.65 pH 1,002.00 Spec. Cond. 23.54 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 5.16 feet below TOC Drawdown: 0.05 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

Field Meter: 37574

Form Completed By: Justin Colp

Date: 7/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G117
Sample ID: 035
Date (s): 7/1/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 85 °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: 7/1/25 12:20 PM

Static Water Level: 18.57 feet below TOC
Total Depth: 21.76 feet below TOC
Water Column: 3.19 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: Brett Gillihan

Date: 7/1/2025



ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Monitoring Point:	G118
Sample ID:	036
Date (s):	7/1/2025

Name: Justin Colp Affiliation: TekLab, Inc.

Name: _____ Affiliation: _____

Temp: 84 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Humidity: ☐ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Pad	Good
Casing	Good
Protective Casing	Good
Reference Mark/Identification	Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Date/Time Measured: 7/1/25 11:54 AM

Static Water Level:	<u>11.17</u>	feet below TOC
Total Depth:	<u>22.68</u>	feet below TOC
Water Column:	11.51	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

- DTW Only

Date: 7/1/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G119
Sample ID: 037
Date (s): 7/1/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 84 °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: 7/1/25 11:30 AM

Static Water Level: 8.37 feet below TOC
Total Depth: 23.16 feet below TOC
Water Column: 14.79 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: Justin Colp

Date: 7/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G120
Sample ID: 038
Date (s): 7/2/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 83 °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: 7/2/25 10:50 AM

Static Water Level: 8.91 feet below TOC
Total Depth: 23.59 feet below TOC
Water Column: 14.68 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: Justin Colp

Date: 7/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G125
Sample ID: 039
Date (s): 7/9/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 80 °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: 7/9/25 10:48 AM Static Water Level: 2.99 feet below TOC
Total Depth: 20.39 feet below TOC
Water Column: 17.40 feet

Purging Activities

Purged By: JC Purge Date: 7/9/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $17.4 \text{ ft.} \times 0.022 = 0.38 \text{ L} \times 3 \text{ Vol.} = 1.14 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 7.50 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
10:49	0.0	203	purge start time						
10:56	1.4	↓	6.56	4,005.50	22.74	4.25	155.40	25.19	
10:59	2.0		6.55	4,007.60	22.59	4.01	152.20	29.07	
11:02	2.6		6.54	4,005.60	23.36	3.76	148.70	32.96	
11:05	3.2		6.53	4,015.80	23.82	3.61	146.00	35.56	
11:08	3.9		6.53	4,014.20	22.62	3.39	143.60	36.62	
11:11	4.5		6.53	4,007.60	22.30	3.10	141.60	36.63	
11:14	5.1		6.53	4,017.00	22.38	2.91	140.30	36.11	
11:17	5.7		6.53	4,009.70	22.58	2.82	138.80	34.60	
11:20	6.3		6.53	4,017.80	23.05	2.69	137.90	32.57	
11:23	6.9		6.53	4,014.00	22.80	2.58	136.80	29.62	
11:26	7.5		6.53	4,015.80	23.46	2.45	135.70	27.12	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/9/2025 11:26
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.53 pH 4,015.80 Spec. Cond. 23.46 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 11.01 feet below TOC Drawdown: 8.02 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 37574

Form Completed By: 

Date: 7/9/2025



Field Data Sheet

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G128
Sample ID: 040
Date (s): 7/9/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 84 °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: 7/9/25 10:51 AM Static Water Level: 3.41 feet below TOC
Total Depth: 25.16 feet below TOC
Water Column: 21.75 feet

Purging Activities

Purged By: BG Purge Date: 7/9/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 21.75 ft. x 0.022 = 0.48 L x 3 Vol. = 1.44 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: 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
10:51	0.0	217	purge start time						
11:02	2.4	↓	6.59	12,457.50	19.47	1.19	32.70	180.03	
11:05	3.0		6.59	12,455.10	19.39	1.14	29.00	199.92	
11:08	3.7		6.59	12,533.90	19.90	1.14	25.70	207.31	
11:11	4.3		6.59	12,588.50	20.20	1.14	22.70	193.37	
11:14	5.0		6.59	12,604.80	19.74	1.12	20.20	212.76	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/9/2025 11:14
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.59 pH 12,604.80 Spec. Cond. 19.74 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 3.46 feet below TOC Drawdown: 0.05 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954
-

Form Completed By:

Jeremy Rodriguez

Date:

7/9/2025



Field Data Sheet

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G130
Sample ID: 041
Date (s): 7/8/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 87 °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: 7/8/25 1:33 PM Static Water Level: 7.67 feet below TOC
Total Depth: 18.06 feet below TOC
Water Column: 10.39 feet

Purging Activities

Purged By: JC Purge Date: 7/8/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 10.39 ft. x 0.022 = 0.23 L x 3 Vol. = 0.69 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 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
13:33	0.0	235	purge start time						
13:38	1.2	↓	6.32	12,150.90	18.99	1.83	-55.30	9.63	
13:41	1.9		6.32	12,127.80	18.90	1.52	-44.00	15.07	
13:44	2.6		6.32	12,080.10	18.90	1.36	-36.90	22.51	
13:47	3.3		6.33	11,916.00	18.78	1.27	-33.10	30.51	
13:50	4.0		6.33	11,585.70	18.81	1.21	-31.20	39.85	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/8/2025 13:50
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.33 pH 11,585.70 Spec. Cond. 18.81 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.10 feet below TOC Drawdown: 1.43 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 37574
-

Form Completed By: Justin Colp

Date: 7/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G133
Sample ID: 042
Date (s): 7/8/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 95 °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: 7/8/25 1:48 PM Static Water Level: 12.84 feet below TOC
Total Depth: 22.35 feet below TOC
Water Column: 9.51 feet

Purging Activities

Purged By: DC Purge Date: 7/8/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 9.51 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: 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
13:48	0.0	300	purge start time						
13:56	2.4	↓	6.56	5,154.50	20.34	1.63	31.80	39.98	
13:59	3.3		6.55	5,162.90	20.51	1.49	27.80	52.36	
14:02	4.2		6.55	5,147.40	20.36	1.40	24.50	64.23	
14:05	5.1		6.55	5,127.40	20.82	1.33	21.30	76.14	
14:08	6.0		6.55	5,143.00	21.45	1.29	18.50	79.62	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/8/2025 14:08
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.55 pH 5,143.00 Spec. Cond. 21.45 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 12.85 feet below TOC Drawdown: 0.01 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954
-

Form Completed By:

Jeremy Rodriguez

Date:

7/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G136
Sample ID: 043
Date (s): 7/9/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 79 °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: 7/9/25 10:02 AM Static Water Level: 8.96 feet below TOC
Total Depth: 16.89 feet below TOC
Water Column: 7.93 feet

Purging Activities

Purged By: JC Purge Date: 7/9/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 7.93 ft. x 0.022 = 0.17 L x 3 Vol. = 0.51 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: 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
10:04	0.0	222	purge start time						
10:10	1.3	↓	6.72	3,451.50	21.92	2.64	161.20	19.70	
10:13	2.0		6.77	3,399.00	22.03	2.31	151.60	22.25	
10:16	2.7		6.80	3,362.60	22.19	2.07	146.40	26.82	
10:19	3.3		6.83	3,247.10	21.49	1.91	142.20	33.33	
10:22	4.0		6.84	3,131.60	22.76	1.76	139.30	39.65	
10:25	4.7		6.85	3,059.00	22.74	1.69	136.80	45.47	
10:28	5.3		6.86	2,993.50	22.79	1.63	134.40	51.98	
10:31	6.0		6.87	2,923.70	22.69	1.58	131.90	57.94	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/9/2025 10:31
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.87 pH 2,923.70 Spec. Cond. 22.69 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.78 feet below TOC Drawdown: 0.82 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 37574
-

Form Completed By: Justin Colp

Date: 7/9/2025



Field Data Sheet

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G139
Sample ID: 044
Date (s): 7/2/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 83 °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: 7/2/25 11:58 AM Static Water Level: 7.78 feet below TOC
Total Depth: 17.20 feet below TOC
Water Column: 9.42 feet

Purging Activities

Purged By: JC Purge Date: 7/2/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): $9.42 \text{ ft.} \times 0.022 = 0.21 \text{ L} \times 3 \text{ Vol.} = 0.63 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 12.00 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
12:00	0.0	235	purge start time						
12:06	1.4	↓	6.57	7,111.30	20.39	4.83	40.80	20.04	
12:09	2.1		6.60	7,199.50	20.65	4.55	55.20	13.98	
12:12	2.8		6.63	7,211.70	20.31	4.28	66.90	12.15	
12:15	3.5		6.65	7,196.10	19.38	4.00	76.20	11.64	
12:18	4.2		6.65	7,172.20	19.62	3.64	82.40	12.78	
12:21	4.9		6.66	7,152.20	19.95	3.29	86.70	12.42	
12:24	5.6		6.67	7,124.20	19.50	3.04	89.70	11.62	
12:27	6.4		6.67	7,114.60	19.03	2.83	92.40	11.20	
12:30	7.1		6.67	6,996.00	19.23	2.62	93.20	12.16	
12:33	7.8		6.68	6,975.70	18.16	2.45	94.40	12.28	
12:36	8.5		6.68	6,978.80	19.41	2.17	94.00	13.59	
12:39	9.2		6.68	6,972.10	18.93	2.04	95.00	12.68	
12:42	9.9		6.68	6,943.10	19.30	1.88	94.40	11.81	
12:45	10.6		6.68	6,932.90	19.61	1.77	93.80	10.65	
12:48	11.3		6.68	6,914.70	20.08	1.67	93.50	10.61	
12:51	12.0		6.68	6,912.60	20.26	1.60	93.20	10.44	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/2/2025 12:51
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.68 pH 6,912.60 Spec. Cond. 20.26 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 8.36 feet below TOC Drawdown: 0.58 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 37574
-

Form Completed By: 

Date: 7/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G141
Sample ID: 045
Date (s): 7/9/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

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	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: 7/9/25 10:06 AM Static Water Level: 13.84 feet below TOC
Total Depth: 14.76 feet below TOC
Water Column: 0.92 feet

Purging Activities

Purged By: BG Purge Date: 7/9/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 0.92 ft. x 0.022 = 0.02 L x 3 Vol. = 0.06 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
10:06	0.0	208	purge start time						
10:18	2.5	↓	6.76	3,217.20	24.26	2.72	28.80	3.76	
10:21	3.1		6.77	3,188.20	24.56	2.55	18.20	3.00	
10:24	3.8		6.80	3,102.10	23.45	2.25	11.20	4.16	
10:27	4.4		6.83	2,992.20	23.35	1.94	5.70	4.93	
10:30	5.0		6.86	2,880.40	23.98	1.86	1.20	5.21	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/9/2025 10:30
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.86 pH 2,880.40 Spec. Cond. 23.98 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 14.01 feet below TOC Drawdown: 0.17 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954
-

Form Completed By:

Jeremy Rodriguez

Date:

7/9/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G201
Sample ID: 046
Date (s): 7/8/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 84 °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: 7/8/25 11:55 AM Static Water Level: 16.76 feet below TOC
Total Depth: 17.18 feet below TOC
Water Column: 0.42 feet

Purging Activities

Purged By: JC Purge Date: 7/8/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 0.4199999999999999 ft. x 0.022 = 0.01 L x 3 Vol. = 0.03 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
11:58	0.0	222	purge start time						
12:04	1.3	↓	7.41	1,346.40	22.98	2.64	66.20	9.63	
12:07	2.0		7.40	1,347.00	22.62	1.96	55.00	12.10	
12:10	2.7		7.41	1,340.70	23.03	1.63	43.10	13.88	
12:13	3.3		7.41	1,345.60	23.86	1.53	35.00	14.67	
12:16	4.0		7.42	1,345.20	23.29	1.49	28.00	16.30	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/8/2025 12:16
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.42 pH 1,345.20 Spec. Cond. 23.29 Temp
Field Filtered: No Filter Type:
Water Level: 17.21 feet below TOC Drawdown: 0.45 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 37574
-

Form Completed By: Justin Colp

Date: 7/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G202
Sample ID: 047
Date (s): 7/17/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 83 °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>				
Reference Mark/Identification	<u>Yes</u>				X

Groundwater Level Measurements

Date/Time Measured: 7/17/25 11:00 AM Static Water Level: 37.37 feet below TOC
Total Depth: 76.94 feet below TOC
Water Column: 39.57 feet

Purging Activities

Purged By: JR Purge Date: 7/17/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 39.569 ft. x 0.022 = 0.87 L x 3 Vol. = 2.61 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.50 L
Physical appearance of purge water: Slightly cloudy Odor: Slight 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
11:00	0.0	184	purge start time						
11:10	1.8	↓	7.60	919.70	23.18	6.89	22.00	9.98	
11:13	2.4		7.45	921.30	21.94	4.24	21.90	9.28	
11:16	2.9		7.32	927.50	22.52	2.30	23.20	78.48	
11:19	3.5		7.25	949.70	22.67	1.85	22.40	93.22	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/17/2025 11:19
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.25 pH 949.70 Spec. Cond. 22.67 Temp
Field Filtered: No Filter Type:
Water Level: 41.01 feet below TOC Drawdown: 3.64 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954
-

Form Completed By:

Brett Gillihan

Date: 7/17/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G203
Sample ID: 048
Date (s): 7/17/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 92 °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: 7/17/25 11:29 AM Static Water Level: 32.05 feet below TOC
Total Depth: 74.62 feet below TOC
Water Column: 42.57 feet

Purging Activities

Purged By: JR Purge Date: 7/17/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 42.568 ft. x 0.022 = 0.94 L x 3 Vol. = 2.82 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: 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
11:29	0.0	175	purge start time						
11:37	1.4	↓	7.16	879.90	20.80	2.14	24.60	34.46	
11:40	1.9		7.11	909.60	22.10	1.60	19.50	46.94	
11:43	2.5		7.10	920.10	22.41	1.31	2.00	47.16	
11:46	3.0		7.09	916.70	22.62	1.12	-21.70	63.82	
11:49	3.5		7.08	924.90	23.27	1.01	-42.30	63.33	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/17/2025 11:49
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.08 pH 924.90 Spec. Cond. 23.27 Temp
Field Filtered: No Filter Type:
Water Level: 35.13 feet below TOC Drawdown: 3.08 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954
-

Form Completed By:

Brett Gillihan

Date: 7/17/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G2175
Sample ID: 049
Date (s): 7/8/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 80 °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: 7/8/25 9:45 AM Static Water Level: 6.43 feet below TOC
Total Depth: 21.40 feet below TOC
Water Column: 14.97 feet

Purging Activities

Purged By: DC Purge Date: 7/8/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.97 ft. x 0.022 = 0.33 L x 3 Vol. = 0.99 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
9:45	0.0	167	purge start time						
9:54	1.5	↓	6.35	5,194.40	20.49	1.84	36.00	23.82	
9:57	2.0		6.34	5,306.20	20.89	1.63	33.30	27.70	
10:00	2.5		6.34	5,338.60	21.20	1.50	30.20	31.35	
10:03	3.0		6.35	109.90	21.89	1.46	27.10	246.37	
10:06	3.5		7.12	42.80	23.04	4.43	22.10	180.42	
10:12	4.5		6.47	5,258.80	19.31	4.30	34.30	32.59	
10:15	5.0		6.38	5,309.00	19.51	3.09	32.60	57.20	
10:18	5.5		6.36	5,315.20	20.83	2.58	29.50	72.56	
10:21	6.0		6.35	5,397.00	21.73	2.35	26.70	83.24	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/8/2025 10:21
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 6.35 pH 5,397.00 Spec. Cond. 21.73 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 6.82 feet below TOC Drawdown: 0.39 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954
-

Form Completed By: Brett Gillihan

Date: 7/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G220
Sample ID: 050
Date (s): 7/2/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe 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	<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: 7/2/25 10:32 AM Static Water Level: 16.61 feet below TOC
Total Depth: 88.40 feet below TOC
Water Column: 71.79 feet

Purging Activities

Purged By: AL Purge Date: 7/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 71.79 ft. x 0.022 = 1.58 L x 3 Vol. = 4.74 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 1.50 L
Physical appearance of purge water: Clear Odor: Slight Color: light 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
10:32	0.0	50	purge start time						
10:53	1.1	↓	7.24	1,221.10	19.65	1.76	82.40	2.62	
10:56	1.2		7.22	1,224.30	19.48	1.70	82.40	2.97	
10:59	1.4		7.21	1,222.40	19.20	1.62	83.40	2.90	
11:02	1.5		7.21	1,221.50	19.10	1.55	84.40	2.87	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/2/2025 11:02
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.21 pH 1,221.50 Spec. Cond. 19.10 Temp
Field Filtered: No Filter Type:
Water Level: 21.64 feet below TOC Drawdown: 5.03 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115
-

Form Completed By:

Allison Lampe

Date: 7/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G221
Sample ID: 051
Date (s): 7/2/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe 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	<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: 7/2/25 11:19 AM Static Water Level: 27.51 feet below TOC
Total Depth: 86.90 feet below TOC
Water Column: 59.39 feet

Purging Activities

Purged By: AL Purge Date: 7/2/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 59.39 ft. x 0.022 = 1.31 L x 3 Vol. = 3.93 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 2.00 L
Physical appearance of purge water: Slightly cloudy Odor: Slight Color: light 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
11:19	0.0	111	purge start time						
11:28	1.0	↓	6.76	1,531.00	25.43	1.68	-108.40	5.28	
11:31	1.3		6.75	1,529.60	26.22	1.67	-106.00	5.31	
11:34	1.7		6.74	1,528.80	26.37	1.61	-105.20	5.45	
11:37	2.0		6.75	1,529.30	25.81	1.53	-104.20	5.57	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/2/2025 11:37
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.75 pH 1,529.30 Spec. Cond. 25.81 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 30.02 feet below TOC Drawdown: 2.51 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115
-

Form Completed By:

Allison Lampe

Date: 7/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G222
Sample ID: 052
Date (s): 7/2/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe Affiliation: TekLab, Inc.

Weather Conditions

Temp: 83 °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: 7/2/25 12:42 PM Static Water Level: 14.95 feet below TOC
Total Depth: 81.30 feet below TOC
Water Column: 66.35 feet

Purging Activities

Purged By: AL Purge Date: 7/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $66.35 \text{ ft.} \times 0.022 = 1.46 \text{ L} \times 3 \text{ Vol.} = 4.38 \text{ L}$ **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 2.00 L
Physical appearance of purge water: Slightly cloudy Odor: Moderate Color: light 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
12:42	0.0	105	purge start time						
12:55	1.4	↓	7.39	1,767.10	21.67	2.86	-121.50	19.30	
12:58	1.7		7.36	1,773.00	22.45	3.20	-113.40	31.59	
13:01	2.0		7.32	1,780.30	22.94	3.21	-109.50	48.81	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/2/2025 13:01
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.32 pH 1,780.30 Spec. Cond. 22.94 Temp
Field Filtered: No Filter Type:
Water Level: 18.28 feet below TOC Drawdown: 3.33 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115
-

Form Completed By:

Allison Lampe

Date: 7/2/2025



Field Data Sheet

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G223
Sample ID: 053
Date (s): 7/2/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe 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: 7/2/25 9:47 AM Static Water Level: 32.54 feet below TOC
Total Depth: 91.00 feet below TOC
Water Column: 58.46 feet

Purging Activities

Purged By: AL Purge Date: 7/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 58.46 ft. x 0.022 = 1.29 L x 3 Vol. = 3.87 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Slightly cloudy Odor: Moderate Color: light 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
9:47	0.0	100	purge start time						
10:05	1.8	↓	6.85	3,696.60	19.61	1.99	-83.40	11.99	
10:08	2.1		6.84	3,704.30	19.82	1.62	-88.90	16.08	
10:11	2.4		6.83	3,716.60	20.10	2.01	-89.00	17.04	
10:14	2.7		6.83	3,705.80	20.82	1.83	-93.60	19.87	
10:17	3.0		6.84	3,733.50	20.68	2.15	-86.60	21.77	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/2/2025 10:17
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.84 pH 3,733.50 Spec. Cond. 20.68 Temp
Field Filtered: No Filter Type:
Water Level: 34.63 feet below TOC Drawdown: 2.09 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115
-

Form Completed By: 

Date: 7/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G224
Sample ID: 054
Date (s): 7/2/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe 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: 7/2/25 9:08 AM Static Water Level: 42.82 feet below TOC
Total Depth: 75.50 feet below TOC
Water Column: 32.68 feet

Purging Activities

Purged By: AL Purge Date: 7/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 32.68 ft. x 0.022 = 0.72 L x 3 Vol. = 2.16 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.00 L
Physical appearance of purge water: Cloudy Odor: None Color: light 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
9:08	0.0	136	purge start time						
9:17	1.2	↓	7.00	1,207.00	18.71	1.00	-130.00	225.79	
9:21	1.8		7.03	1,214.50	18.97	0.87	-134.60	83.34	
9:24	2.2		7.05	1,215.80	18.77	0.82	-135.00	85.24	
9:27	2.6		7.05	1,215.20	18.92	0.78	-133.40	89.56	
9:30	3.0		7.07	1,218.30	18.93	0.89	-127.30	98.24	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/2/2025 9:30
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.07 pH 1,218.30 Spec. Cond. 18.93 Temp
Field Filtered: No Filter Type:
Water Level: 42.25 feet below TOC Drawdown: -0.57 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115
-

Form Completed By:

Allison Lampe

Date:

7/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G225
Sample ID: 055
Date (s): 7/8/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 95 °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: 7/8/25 1:14 PM Static Water Level: 10.11 feet below TOC
Total Depth: 24.70 feet below TOC
Water Column: 14.59 feet

Purging Activities

Purged By: DC Purge Date: 7/8/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.59 ft. x 0.022 = 0.32 L x 3 Vol. = 0.96 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
13:14	0.0	333	purge start time						
13:20	2.0	↓	7.04	999.70	19.76	1.99	32.00	12.86	
13:23	3.0		6.90	991.20	19.57	1.65	28.60	14.34	
13:26	4.0		6.83	989.10	19.93	1.46	25.20	15.89	
13:29	5.0		6.79	990.50	20.18	1.33	21.80	16.96	
13:32	6.0		6.78	992.40	19.75	1.23	18.90	18.02	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/8/2025 13:32
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.78 pH 992.40 Spec. Cond. 19.75 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.11 feet below TOC Drawdown: 0.00 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954
-

Form Completed By: [Signature]

Date: 7/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G230
Sample ID: 056
Date (s): 7/9/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe Affiliation: TekLab, Inc.

Weather Conditions

Temp: 82 °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: 7/9/25 11:58 AM Static Water Level: 48.64 feet below TOC
Total Depth: 81.03 feet below TOC
Water Column: 32.39 feet

Purging Activities

Purged By: AL Purge Date: 7/9/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 32.39 ft. x 0.022 = 0.71 L x 3 Vol. = 2.13 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 19.00 L
Physical appearance of purge water: Cloudy Odor: None 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
11:58	0.0	792	purge start time						
12:16	14.3	↓	7.18	1,265.80	15.89	0.40	-143.70	76.27	
12:19	16.6		7.18	1,252.00	16.04	0.37	-146.00	62.31	
12:22	19.0		7.18	1,248.70	16.00	0.35	-147.90	52.27	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/9/2025 12:22
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.18 pH 1,248.70 Spec. Cond. 16.00 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 49.35 feet below TOC Drawdown: 0.71 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115
-

Form Completed By:

Allison Lampe

Date: 7/9/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G231
Sample ID: 057
Date (s): 7/8/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe Affiliation: TekLab, Inc.

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	<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: 7/8/25 10:35 AM Static Water Level: 47.45 feet below TOC
Total Depth: 79.76 feet below TOC
Water Column: 32.31 feet

Purging Activities

Purged By: AL Purge Date: 7/8/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 32.31 ft. x 0.022 = 0.71 L x 3 Vol. = 2.13 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 19.00 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
10:35	0.0	704	purge start time						
10:53	12.7	↓	7.16	1,226.80	15.80	0.54	-133.10	142.86	
10:56	14.8		7.16	1,197.10	15.82	0.47	-136.50	134.94	
10:59	16.9		7.15	1,169.30	15.45	0.42	-139.10	86.48	
11:02	19.0		7.14	1,157.20	15.43	0.39	-140.70	34.62	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/8/2025 11:02
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.14 pH 1,157.20 Spec. Cond. 15.43 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 47.71 feet below TOC Drawdown: 0.26 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115
-

Form Completed By: 

Date: 7/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G232
Sample ID: 058
Date (s): 7/2/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

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	<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: 7/2/25 9:14 AM Static Water Level: 45.68 feet below TOC
Total Depth: 77.66 feet below TOC
Water Column: 31.98 feet

Purging Activities

Purged By: JR Purge Date: 7/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 31.98 ft. x 0.022 = 0.7 L x 3 Vol. = 2.1 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
9:14	0.0	238	purge start time						
9:26	2.9	↓	6.99	1,547.50	19.56	1.21	-48.80	95.66	
9:29	3.6		7.02	1,493.20	19.74	1.02	-63.50	80.76	
9:32	4.3		7.03	1,475.20	19.90	0.88	-73.90	93.39	
9:35	5.0		7.04	1,450.00	20.52	0.78	-82.70	110.67	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/2/2025 9:35
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.04 pH 1,450.00 Spec. Cond. 20.52 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 45.77 feet below TOC Drawdown: 0.09 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954
-

Form Completed By:

Brett Gillihan

Date: 7/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G233
Sample ID: 059
Date (s): 7/2/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 80 °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: 7/2/25 9:56 AM Static Water Level: 41.62 feet below TOC
Total Depth: 76.24 feet below TOC
Water Column: 34.62 feet

Purging Activities

Purged By: JR Purge Date: 7/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 34.62 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: 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
9:56	0.0	286	purge start time						
10:05	2.6	↓	7.05	1,728.40	17.18	1.59	-47.90	12.57	
10:08	3.4		7.02	1,717.40	19.15	1.27	-71.80	19.12	
10:11	4.3		7.03	1,803.80	17.44	1.11	-84.90	23.25	
10:14	5.1		7.04	1,784.20	17.04	0.90	-92.90	24.27	
10:17	6.0		7.06	1,711.50	16.94	0.77	-99.30	27.76	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/2/2025 10:17
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.06 pH 1,711.50 Spec. Cond. 16.94 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 41.63 feet below TOC Drawdown: 0.01 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954
-

Form Completed By:

Brett Gillihan

Date:

7/2/2025



Field Data Sheet

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G234
Sample ID: 060
Date (s): 7/2/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 82 °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: 7/2/25 10:50 AM Static Water Level: 42.98 feet below TOC
Total Depth: 73.81 feet below TOC
Water Column: 30.83 feet

Purging Activities

Purged By: JR Purge Date: 7/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 30.83 ft. x 0.022 = 0.68 L x 3 Vol. = 2.04 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
10:50	0.0	188	purge start time						
11:07	3.2	↓	7.10	1,390.60	17.64	0.90	-77.90	206.16	
11:10	3.7		7.11	1,364.60	17.89	0.79	-85.30	177.18	
11:13	4.3		7.11	1,340.10	18.55	0.71	-91.30	97.99	
11:16	4.9		7.11	1,328.50	18.76	0.65	-96.30	60.30	
11:19	5.4		7.10	1,311.70	19.11	0.60	-100.40	60.47	
11:22	6.0		7.10	1,301.30	19.18	0.55	-103.70	165.39	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/2/2025 11:22
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.10 pH 1,301.30 Spec. Cond. 19.18 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 43.15 feet below TOC Drawdown: 0.17 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954
-

Form Completed By: Brett Gillihan

Date: 7/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G48MG
Sample ID: 061
Date (s): 7/8/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 83 °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: 7/8/25 10:38 AM Static Water Level: 18.75 feet below TOC
Total Depth: 79.90 feet below TOC
Water Column: 61.15 feet

Purging Activities

Purged By: JC Purge Date: 7/8/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 61.15 ft. x 0.022 = 1.35 L x 3 Vol. = 4.05 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
10:41	0.0	229	purge start time						
10:47	1.4	↓	7.39	875.90	18.44	2.49	-18.70	21.83	
10:50	2.1		7.44	877.40	18.59	2.14	-41.40	13.22	
10:53	2.7		7.46	878.50	18.66	1.86	-64.90	12.23	
10:56	3.4		7.48	877.80	18.48	1.64	-84.70	12.98	
10:59	4.1		7.51	872.20	18.59	1.43	-100.40	16.44	
11:02	4.8		7.53	874.40	18.63	1.33	-109.50	21.22	
11:05	5.5		7.53	874.60	18.46	1.27	-115.70	27.18	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/8/2025 11:05
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 7.53 pH 874.60 Spec. Cond. 18.46 Temp
Field Filtered: No Filter Type: _____
Water Level: 18.86 feet below TOC Drawdown: 0.11 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 37574
-

Form Completed By: 

Date: 7/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: L1R
Sample ID: 062
Date (s): 7/9/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 83 °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: 7/9/25 12:04 PM

Static Water Level: 56.03 feet below TOC
Total Depth: 60.11 feet below TOC
Water Column: 4.08 feet

Purging Activities

Purged By: JC Purge Date: 7/9/2025
Purge Method: Bailer Well Diameter: 2"
Purge Volume Calculation (L): 4.08 ft. x 0.022 = 0.09 L x 3 Vol. = 0.27 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 1.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Grey

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
12:04	0.0	125	purge start time						
12:12	1.0	↓	10.32	53,015.80	21.54	2.15	-307.50	241.36	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/9/2025 12:12
Sample Method: Bailer Purge Sample Equipment: Bailer
Sample Parameters: 10.32 pH 53,015.80 Spec. Cond. 21.54 Temp
Field Filtered: No Filter Type:
Water Level: - feet below TOC Drawdown: #VALUE! feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 37574
-

Form Completed By: 

Date: 7/9/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: L201
Sample ID: 063
Date (s): 7/2/2025

Field Team Members

Name: Frank Barthol Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 84 °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 Yes

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured: 7/2/25 10:06 AM

Static Water Level: 39.91 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:

Frank Barthol

Date: 7/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: L202
Sample ID: 064
Date (s): 7/2/2025

Field Team Members

Name: Frank Barthol Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 84 °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 Yes

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured: 7/2/25 10:00 AM

Static Water Level: 49.69 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:

Frank Barthol

Date: 7/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: L203
Sample ID: 065
Date (s): 7/2/2025

Field Team Members

Name: Frank Barthol Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 84 °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 Yes

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured: 7/2/25 9:50 AM

Static Water Level: 45.62 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: 

Date: 7/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: L204
Sample ID: 066
Date (s): 7/2/2025

Field Team Members

Name: Frank Barthol Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 84 °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 Yes

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured: 7/2/25 9:32 AM

Static Water Level: 56.32 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:

Frank Barthol

Date: 7/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: L205
Sample ID: 067
Date (s): 7/2/2025

Field Team Members

Name: Frank Barthol Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 84 °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 Yes

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured: 7/2/25 9:41 AM

Static Water Level: 31.22 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:

Frank Barthol

Date: 7/2/2025



ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Monitoring Point:	L301
Sample ID:	068
Date (s):	7/9/2025

Name:	<u>Justin Colp</u>	Affiliation:	<u>TekLab, Inc.</u>
Name:	<u>Danny Crump</u>	Affiliation:	<u>TekLab, Inc.</u>

Temp: 81 °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	Yes			

Level Measurements		Static Water Level: <u>-</u>	feet below TOC
Date/Time Measured:	<u>-</u>	Total Depth: <u>-</u>	feet below TOC
		Water Column: <u>#VALUE!</u>	feet

Purged By: _____		Purge Date: _____	
Purge Method: <u>Bladder Pump</u>		Well Diameter: _____	
Purge Volume Calculation (L): _____		<i>*Based on Low-Flow (3/8" discharge)</i>	
Actual Purge Volume (L): <u>2.00 L</u>			
Physical appearance of purge water: <u>Clear</u>		Odor: <u>None</u> Color: <u>none</u>	

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
11:48	0.0	218 ↓	purge start time						
11:51	0.7		9.84	5,390.50	22.48	2.74	53.10	2.73	
11:54	1.3		9.86	5,422.40	24.33	2.21	25.90	3.35	
11:57	2.0		9.89	5,449.20	25.19	1.99	-22.10	5.10	

Sampled By:	JC	Sample Date/Time:	7/9/2025	11:57		
Sample Method:	Low Flow	Sample Equipment:	Bladder Pump			
Sample Parameters:	9.89	pH	5,449.20	Spec. Cond.	25.19	Temp
Field Filtered:	No	Filter Type:				
Water Level:	feet below TOC		Drawdown:	feet		

- Field Meter: 37574

Date: 7/9/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: R217D
Sample ID: 069
Date (s): 7/8/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 82 °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: 7/8/25 10:42 AM Static Water Level: 19.12 feet below TOC
Total Depth: 67.80 feet below TOC
Water Column: 48.68 feet

Purging Activities

Purged By: JR Purge Date: 7/8/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 48.68 ft. x 0.022 = 1.07 L x 3 Vol. = 3.21 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: 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
10:42	0.0	263	purge start time						
10:49	1.8	↓	6.60	3,140.60	20.52	5.97	43.50	30.90	
10:52	2.6		6.42	3,180.70	20.76	4.75	45.00	27.23	
10:55	3.4		6.36	3,199.00	20.69	3.61	45.10	31.14	
10:58	4.2		6.38	3,222.90	20.49	2.82	42.70	41.83	
11:01	5.0		6.46	3,231.50	20.69	2.98	39.80	55.59	

Sampling Activities

Sampled By: DC Sample Date/Time: 7/8/2025 11:01
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.46 pH 3,231.50 Spec. Cond. 20.69 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 19.21 feet below TOC Drawdown: 0.09 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954
-

Form Completed By:

Brett Gillihan

Date:

7/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: R219
Sample ID: 070
Date (s): 7/8/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe 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	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/8/25 9:18 AM Static Water Level: 20.63 feet below TOC
Total Depth: 64.27 feet below TOC
Water Column: 43.64 feet

Purging Activities

Purged By: AL Purge Date: 7/8/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 43.64 ft. x 0.022 = 0.96 L x 3 Vol. = 2.88 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Cloudy Odor: Moderate Color: green

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
9:18	0.0	259	purge start time						
9:30	3.1	↓	6.99	1,822.20	17.51	2.35	-111.70	157.49	
9:33	3.9		7.00	1,824.00	17.17	2.10	-120.90	133.36	
9:36	4.7		7.03	1,820.10	16.20	1.70	-127.50	114.05	
9:39	5.4		7.04	1,811.50	17.29	1.56	-129.70	83.33	
9:42	6.2		7.06	1,815.00	16.60	1.35	-133.80	87.98	
9:45	7.0		7.07	1,808.80	16.34	1.26	-135.70	99.13	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/8/2025 9:45
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.07 pH 1,808.80 Spec. Cond. 16.34 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 25.65 feet below TOC Drawdown: 5.02 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115
-

Form Completed By: Allison Lampe Date: 7/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: SG02
Sample ID: 071
Date (s): 7/1/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe Affiliation: TekLab, Inc.

Weather Conditions

Temp: 84 °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: 7/1/25 11:15 AM Static Water Level: 1.76 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: Allison Lampe

Date: 7/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: XSG01
Sample ID: 072
Date (s): 7/1/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe Affiliation: TekLab, Inc.

Weather Conditions

Temp: 84 °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: 7/1/25 11:32 AM Static Water Level: Dry 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: Allison Lampe

Date: 7/1/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: Field Blank
Sample ID: 073
Date (s): 7/9/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 83 °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: _____ 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: 7/9/2025 13:15
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 Samp 37574

Form Completed By: _____

Date: 7/9/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: A215 Duplicate
Sample ID: 074
Date (s): 7/9/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe Affiliation: TekLab, Inc.

Weather Conditions

Temp: 80 °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: 7/9/25 10:54 AM Static Water Level: 45.05 feet below TOC
Total Depth: 78.27 feet below TOC
Water Column: 33.22 feet

Purging Activities

Purged By: AL Purge Date: 7/9/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 33.22 ft. x 0.022 = 0.73 L x 3 Vol. = 2.19 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 18.00 L
Physical appearance of purge water: Cloudy Odor: None 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
10:54	0.0	581	purge start time						
11:13	11.0	↓	7.01	2,613.10	16.41	0.49	-117.40	85.37	
11:16	12.8		7.02	2,493.20	16.45	0.45	-119.70	51.36	
11:19	14.5		7.02	2,394.40	16.60	0.42	-121.80	35.64	
11:22	16.3		7.03	2,365.30	16.50	0.40	-123.30	22.53	
11:25	18.0		7.03	2,276.10	16.53	0.38	-124.90	21.06	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/9/2025 11:25
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.03 pH 2,276.10 Spec. Cond. 16.53 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 46.10 feet below TOC Drawdown: 1.05 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115
-

Form Completed By:

Allison Lampe

Date:

7/9/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: APW10 Duplicate
Sample ID: 075
Date (s): 7/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

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	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/7/25 11:23 AM Static Water Level: 17.98 feet below TOC
Total Depth: 48.77 feet below TOC
Water Column: 30.79 feet

Purging Activities

Purged By: JC Purge Date: 7/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $30.785 \text{ ft.} \times 0.022 = 0.68 \text{ L} \times 3 \text{ Vol.} = 2.04 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: 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
11:25	0.0	182	purge start time						
11:34	1.6	↓	7.23	1,618.90	18.34	3.43	142.70	34.95	
11:37	2.2		7.21	1,619.20	18.42	2.74	141.40	39.31	
11:40	2.7		7.21	1,622.30	18.53	2.23	140.30	32.60	
11:43	3.3		7.20	1,621.50	18.73	2.08	139.20	23.10	
11:46	3.8		7.19	1,624.40	18.71	1.94	138.80	16.96	
11:49	4.4		7.18	1,628.00	18.64	1.72	138.40	13.34	
11:52	4.9		7.17	1,629.30	18.71	1.47	138.00	11.94	
11:55	5.5		7.16	1,630.00	18.88	1.32	137.30	11.43	
11:58	6.0		7.16	1,631.50	18.69	1.23	136.80	11.14	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/7/2025 11:58
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.16 pH 1,631.50 Spec. Cond. 18.69 Temp
Field Filtered: No Filter Type:
Water Level: 18.20 feet below TOC Drawdown: 0.22 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 37574
-

Form Completed By: *Justin Colp*

Date: 7/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G104 Duplicate
Sample ID: 076
Date (s): 7/8/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 84 °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: 7/8/25 11:15 AM Static Water Level: 7.10 feet below TOC
Total Depth: 39.21 feet below TOC
Water Column: 32.11 feet

Purging Activities

Purged By: JC Purge Date: 7/8/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 32.11 ft. x 0.022 = 0.71 L x 3 Vol. = 2.13 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
11:16	0.0	208	purge start time						
11:25	1.9	↓	6.83	1,497.80	25.04	2.50	83.00	146.10	
11:28	2.5		6.83	1,498.30	25.12	2.19	79.80	191.24	
11:31	3.1		6.83	1,495.70	25.46	1.94	78.00	231.78	
11:34	3.8		6.83	1,495.90	24.63	1.80	77.40	251.54	
11:37	4.4		6.83	1,495.60	25.23	1.70	77.90	269.40	
11:40	5.0		6.83	1,499.50	24.56	1.67	78.70	267.78	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/8/2025 11:40
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.83 pH 1,499.50 Spec. Cond. 24.56 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 8.65 feet below TOC Drawdown: 1.55 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 37574
-

Form Completed By: Justin Colp

Date: 7/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G125 Duplicate
Sample ID: 077
Date (s): 7/9/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 80 °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: 7/9/25 10:48 AM Static Water Level: 2.99 feet below TOC
Total Depth: 20.39 feet below TOC
Water Column: 17.40 feet

Purging Activities

Purged By: JC Purge Date: 7/9/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 17.4 ft. x 0.022 = 0.38 L x 3 Vol. = 1.14 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 7.50 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
10:49	0.0	203	purge start time						
10:56	1.4	↓	6.56	4,005.50	22.74	4.25	155.40	25.19	
10:59	2.0		6.55	4,007.60	22.59	4.01	152.20	29.07	
11:02	2.6		6.54	4,005.60	23.36	3.76	148.70	32.96	
11:05	3.2		6.53	4,015.80	23.82	3.61	146.00	35.56	
11:08	3.9		6.53	4,014.20	22.62	3.39	143.60	36.62	
11:11	4.5		6.53	4,007.60	22.30	3.10	141.60	36.63	
11:14	5.1		6.53	4,017.00	22.38	2.91	140.30	36.11	
11:17	5.7		6.53	4,009.70	22.58	2.82	138.80	34.60	
11:20	6.3		6.53	4,017.80	23.05	2.69	137.90	32.57	
11:23	6.9		6.53	4,014.00	22.80	2.58	136.80	29.62	
11:26	7.5		6.53	4,015.80	23.46	2.45	135.70	27.12	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/9/2025 11:26
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.53 pH 4,015.80 Spec. Cond. 23.46 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 11.01 feet below TOC Drawdown: 8.02 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 37574
-

Form Completed By: 

Date: 7/9/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G217S Duplicate
Sample ID: 078
Date (s): 7/8/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 80 °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: 7/8/25 9:45 AM Static Water Level: 6.43 feet below TOC
Total Depth: 21.40 feet below TOC
Water Column: 14.97 feet

Purging Activities

Purged By: DC Purge Date: 7/8/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): $14.97 \text{ ft.} \times 0.022 = 0.33 \text{ L} \times 3 \text{ Vol.} = 0.99 \text{ L}$ *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
9:45	0.0	167	purge start time						
9:54	1.5	↓	6.35	5,194.40	20.49	1.84	36.00	23.82	
9:57	2.0		6.34	5,306.20	20.89	1.63	33.30	27.70	
10:00	2.5		6.34	5,338.60	21.20	1.50	30.20	31.35	
10:03	3.0		6.35	109.90	21.89	1.46	27.10	246.37	
10:06	3.5		7.12	42.80	23.04	4.43	22.10	180.42	
10:12	4.5		6.47	5,258.80	19.31	4.30	34.30	32.59	
10:15	5.0		6.38	5,309.00	19.51	3.09	32.60	57.20	
10:18	5.5		6.36	5,315.20	20.83	2.58	29.50	72.56	
10:21	6.0		6.35	5,397.00	21.73	2.35	26.70	83.24	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/8/2025 10:21
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 6.35 pH 5,397.00 Spec. Cond. 21.73 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 6.82 feet below TOC Drawdown: 0.39 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954
-

Form Completed By:  Date: 7/8/2025



Field Data Sheet

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: G233 Duplicate
Sample ID: 079
Date (s): 7/2/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Jeremy Rodriguez Affiliation: TekLab, Inc.

Weather Conditions

Temp: 80 °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: 7/2/25 9:56 AM Static Water Level: 41.62 feet below TOC
Total Depth: 76.24 feet below TOC
Water Column: 34.62 feet

Purging Activities

Purged By: JR Purge Date: 7/2/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 34.62 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: 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
9:56	0.0	286	purge start time						
10:05	2.6	↓	7.05	1,728.40	17.18	1.59	-47.90	12.57	
10:08	3.4		7.02	1,717.40	19.15	1.27	-71.80	19.12	
10:11	4.3		7.03	1,803.80	17.44	1.11	-84.90	23.25	
10:14	5.1		7.04	1,784.20	17.04	0.90	-92.90	24.27	
10:17	6.0		7.06	1,711.50	16.94	0.77	-99.30	27.76	

Sampling Activities

Sampled By: BG Sample Date/Time: 7/2/2025 10:17
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.06 pH 1,711.50 Spec. Cond. 16.94 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 41.63 feet below TOC Drawdown: 0.01 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44954
-

Form Completed By:

Brett Gillihan

Date:

7/2/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: R219 Duplicate
Sample ID: 080
Date (s): 7/8/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe 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	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 7/8/25 9:18 AM

Static Water Level: 20.63 feet below TOC
Total Depth: 64.27 feet below TOC
Water Column: 43.64 feet

Purging Activities

Purged By: AL Purge Date: 7/8/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 43.64 ft. x 0.022 = 0.96 L x 3 Vol. = 2.88 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Cloudy Odor: Moderate Color: green

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
9:18	0.0	259	purge start time						
9:30	3.1	↓	6.99	1,822.20	17.51	2.35	-111.70	157.49	
9:33	3.9		7.00	1,824.00	17.17	2.10	-120.90	133.36	
9:36	4.7		7.03	1,820.10	16.20	1.70	-127.50	114.05	
9:39	5.4		7.04	1,811.50	17.29	1.56	-129.70	83.33	
9:42	6.2		7.06	1,815.00	16.60	1.35	-133.80	87.98	
9:45	7.0		7.07	1,808.80	16.34	1.26	-135.70	99.13	

Sampling Activities

Sampled By: PY Sample Date/Time: 7/8/2025 9:45
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.07 pH 1,808.80 Spec. Cond. 16.34 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 25.65 feet below TOC Drawdown: 5.02 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 50115
-

Form Completed By: Allison Lampe

Date: 7/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: Equipment Blank 1
Sample ID: 081
Date (s): _____

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 83 °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: _____

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
	0.0		purge start time						
14:30	0.0	↓							

Sampling Activities

Sampled By: DC Sample Date/Time: 7/8/2025 14:30
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)

- Field Meter:
- QA/QC Sample

Form Completed By: [Signature]

Date: 7/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: Equipment Blank 2
Sample ID: 082
Date (s): _____

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Allison Lampe Affiliation: TekLab, Inc.

Weather Conditions

Temp: 79 °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: 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
	0.0		purge start time						
12:50	0.0	↓							

Sampling Activities

Sampled By: PY Sample Date/Time: 7/9/2025 12:50
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)

- Field Meter:
- QA/QC Sample

Form Completed By: 

Date: 7/9/2025



ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Monitoring Point:	Field Blank 2
Sample ID:	083
Date (s):	7/17/2025

Name:	<u>Brett Gillihan</u>	Affiliation:	<u>TekLab, Inc.</u>
Name:	<u>Jeremy Rodriguez</u>	Affiliation:	<u>TekLab, Inc.</u>

Temp: 92 °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: _____ feet below TOC
 Date/Time Measured: _____ 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:	7/17/2025	11:59
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	

Form Completed By: Burt Gilletti Date: 7/17/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: S101
Sample ID: 084
Date (s): 7/9/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 83 °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
Protective Casing	X
Well	X

Casing _____
Protective Casing _____
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): _____ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 2.00 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
11:51	0.0	505	purge start time						
11:53	1.0	↓	8.85	336.90	35.35	7.68	-47.30	7.24	
11:55	2.0		8.80	334.70	35.08	7.97	-44.00	6.89	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/9/2025 11:55
Sample Method: Direct Sample Sample Equipment: _____
Sample Parameters: 8.80 pH 334.70 Spec. Cond. 35.08 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: 37574

Form Completed By:

Justin Colp

Date: 7/9/2025



ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Monitoring Point:	S102
Sample ID:	085
Date (s):	7/9/2025

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Temp: 83 °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: _____ Purge Date: _____
 Purge Method: _____ Well Diameter: _____
 Purge Volume Calculation (L): _____ **Based on Low-Flow (3/8" discharge)*
 Actual Purge Volume (L): 2.00 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
12:09	0.0	505	purge start time						
12:13	2.0		8.54	289.80	34.14	7.00	-35.70	6.76	

Sampled By:	JC	Sample Date/Time:	7/9/2025	12:13
Sample Method:	Direct Sample	Sample Equipment:		
Sample Parameters:	8.54 pH	289.80 Spec. Cond.	34.14	Temp
Field Filtered:	No	Filter Type:		
Water Level:	feet below TOC	Drawdown:	feet	

- Field Meter: 37574

Date: 7/9/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q3
Project Location: Newton, IL
W.O. Number (s): 25061769

Monitoring Point: T102
Sample ID: 086
Date (s): 7/8/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 85 °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: 7/8/25 12:33 PM Static Water Level: 11.82 feet below TOC
Total Depth: 21.49 feet below TOC
Water Column: 9.67 feet

Purging Activities

Purged By: JC Purge Date: 7/8/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 9.67 ft. x 0.022 = 0.21 L x 3 Vol. = 0.63 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: 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
12:34	0.0	250	purge start time						
12:40	1.5	↓	6.88	543.40	20.55	3.21	97.80	15.90	
12:43	2.3		6.83	512.70	20.64	2.80	98.50	9.82	
12:46	3.0		6.77	481.20	20.31	2.58	99.00	8.57	
12:49	3.8		6.70	457.90	20.69	2.50	100.40	8.94	
12:52	4.5		6.65	440.40	20.78	2.50	101.40	10.61	

Sampling Activities

Sampled By: JC Sample Date/Time: 7/8/2025 12:52
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.65 pH 440.40 Spec. Cond. 20.78 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 17.94 feet below TOC Drawdown: 6.12 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 37574

Form Completed By: Justin Colp

Date: 7/8/2025



Site Sampling Event: NEW-25Q3
LIMS Workorder: 25061769
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
Newton- 3Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 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 37574 Technician(s): justin colp Date: 7/1/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	7/1/25 13:09
7.0 Buffer	wc250407a	7.00	7/1/25 13:06
10.0 Buffer	wc240625a	10.00	7/1/25 13:12
LCS/CCV (7.0 Buffer)	wc240918a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	7/1/25 13:20

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1.17	7/1/25 13:20
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	7/1/25 13:21	22.8	7.04	1,413	1.1		
CCV-1-JC	CCV	7/1/25 14:51	23.1	7.07	1,378	0.45		

Comments:

Field Meter ID: Pine 223352 Technician(s): justin colp Date: 7/2/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	7/2/25 11:24
7.0 Buffer	wc250407a	7.00	7/2/25 11:18
10.0 Buffer	wc240625a	10.00	7/2/25 11:27
LCS/CCV (7.0 Buffer)	wc240918a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	7/2/25 11:32

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.13	7/2/25 11:33
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	7/2/25 11:44	22	6.98	1,409	0.09		
CCV-2-JC	CCV	7/2/25 13:22	22.1	7.05	1,396	0.68		

Comments:

Site Sampling Event: NEW-25Q3
LIMS Workorder: 25061769
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
Newton- 3Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 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 223352 Technician(s): Justin colp Date: 7/7/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	7/7/25 9:37
7.0 Buffer	wc250407a	7.00	7/7/25 9:33
10.0 Buffer	wc240625a	10.00	7/7/25 9:42
LCS/CCV (7.0 Buffer)	wc240918a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	7/7/25 9:46

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.46	7/7/25 9:46
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3-JC	LCS	7/7/25 9:49	22.6	7.04	1,410	0.51		
CCV-3-JC	CCV	7/7/25 14:51	23.1	7.05	1,422	0.68		

Comments:

Field Meter ID: Pine 223352 Technician(s): justin colp Date: 7/8/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	7/8/25 9:12
7.0 Buffer	wc250407a	7.00	7/8/25 9:09
10.0 Buffer	wc240625a	10.00	7/8/25 9:17
LCS/CCV (7.0 Buffer)	wc240918a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	7/8/25 9:23

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.78	7/8/25 9:24
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-4-JC	LCS	7/8/25 9:57	22.3	7.05	1,408	0.81		
CCV-4-JC	CCV	7/8/25 14:37	23	7.08	1,418	0.68		

Comments:

Site Sampling Event: NEW-25Q3
LIMS Workorder: 25061769
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
Newton- 3Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 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 223352 Technician(s): justin colp Date: 7/9/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250102a	4.00	7/9/25 9:30
7.0 Buffer	wc250407a	7.00	7/9/25 9:24
10.0 Buffer	wc240625a	10.00	7/9/25 9:33
LCS/CCV (7.0 Buffer)	wc240918a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 μ S Std.	105373	1412	7/9/25 9:39

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.7	7/9/25 9:40
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 μ S	Turbidity NTU	ORP mV	D.O. %
LCS-5-JC	LCS	7/9/25 9:42	21.9	7.04	1,413	0.68		
CCV-5-JC	CCV	7/9/25 12:50	22.3	7.04	1,410	0.88		

Comments:

Site Sampling Event: NEW-25Q3
LIMS Workorder: 25061769
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
Newton- 3Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 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 44954 Technician(s): Brett Gillihan Date: 7/1/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	7/1/25 13:10
7.0 Buffer	WC240918A	7.00	7/1/25 13:05
10.0 Buffer	WC240625A	10.00	7/1/25 13:13
LCS/CCV (7.0 Buffer)	WC250407A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	7/1/25 13:21

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.2	7/1/25 13:22
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	7/1/25 13:27	21.8	6.98	1,433	0.24		
CCV-1-BG	CCV	7/1/25 14:30	22.4	7.02	1,439	0.33		

Comments:

Field Meter ID: Pine 44954 Technician(s): Brett Gillihan Date: 7/2/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	7/2/25 8:26
7.0 Buffer	WC240918A	7.00	7/2/25 8:15
10.0 Buffer	WC240625A	10.00	7/2/25 8:30
LCS/CCV (7.0 Buffer)	WC250407A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1414	7/2/25 8:35

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.15	7/2/25 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-BG	LCS	7/2/25 8:41	21.6	6.98	1,420	0.28		
CCV-2-BG	CCV	7/2/25 13:25	22.6	7.03	1,427	0.34		

Comments:

Site Sampling Event: NEW-25Q3
LIMS Workorder: 25061769
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
Newton- 3Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 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 44954 Technician(s): Brett Gillihan Date: 7/7/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	7/7/25 9:50
7.0 Buffer	WC240918A	7.00	7/7/25 9:45
10.0 Buffer	WC240625A	10.00	7/7/25 9:53
LCS/CCV (7.0 Buffer)	WC250407A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	7/7/25 9:56

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.21	7/7/25 9:59
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-3-BG	LCS	7/7/25 10:01	22.7	7.03	1,422	0.35		
CCV-3-BG	CCV	7/7/25 14:43	23.4	7.05	1,429	0.39		

Comments:

Field Meter ID: Pine 44954 Technician(s): Brett Gillihan Date: 7/8/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	7/8/25 8:27
7.0 Buffer	WC240918A	7.00	7/8/25 8:23
10.0 Buffer	WC240625A	10.00	7/8/25 8:31
LCS/CCV (7.0 Buffer)	WC250407A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1413	7/8/25 8:39

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.22	7/8/25 8:43
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	7/8/25 8:46	22.3	7.04	1,419	0.28		
CCV-4-BG	CCV	7/8/25 14:33	24.2	7.03	1,423	0.3		

Comments:

Site Sampling Event: NEW-25Q3
LIMS Workorder: 25061769
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
Newton- 3Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 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 44954 Technician(s): Brett Gillihan Date: 7/9/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	7/9/25 9:27
7.0 Buffer	WC240918A	7.00	7/9/25 9:21
10.0 Buffer	WC240625A	10.00	7/9/25 9:31
LCS/CCV (7.0 Buffer)	WC250407A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	7/9/25 9:35

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.32	7/9/25 9:40
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-5-BG	LCS	7/9/25 9:44	21.8	7.03	1,422	0.41		
CCV-5-BG	CCV	7/9/25 12:44	23.4	7.06	1,438	0.52		

Comments:

Field Meter ID: Pine 44954 Technician(s): Brett Gillihan Date: 7/17/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	7/17/25 10:35
7.0 Buffer	WC240918A	7.00	7/17/25 10:31
10.0 Buffer	WC240625A	10.00	7/17/25 10:38
LCS/CCV (7.0 Buffer)	WC250407A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1418	7/17/25 10:41

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.29	7/17/25 10:43
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-6-BG	LCS	7/17/25 10:45	21.6	7.04	1,432	0.52		
CCV-6-BG	CCV	7/17/25 12:05	24.3	7.02	1,438	0.49		

Comments:

Site Sampling Event: NEW-25Q3
LIMS Workorder: 25061769
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
Newton- 3Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 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 50115 Technician(s): A. Lampe Date: 7/1/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	7/1/25 13:18
7.0 Buffer	WC250407A	7.00	7/1/25 13:23
10.0 Buffer	WC240625A	10.00	7/1/25 13:27
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	7/1/25 13:30

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-AL	LCS	7/1/25 13:33	24.2	7.12	1,409	0.68		
CCV-1-AL	CCV	7/1/25 15:04	23.2	7.12	1,380	0.21		

Comments:

Field Meter ID: Pine 50115 Technician(s): A. Lampe Date: 7/2/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	7/2/25 8:25
7.0 Buffer	WC250407A	7.00	7/2/25 8:32
10.0 Buffer	WC240625A	10.00	7/2/25 8:36
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	7/2/25 8:41

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.8	7/2/25 8:43
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-AL	LCS	7/2/25 8:43	21.7	7.09	1,410	0.8		
CCV-2-AL	CCV	7/2/25 13:24	21.9	7.12	1,396	0.49		

Comments:

Site Sampling Event: NEW-25Q3
LIMS Workorder: 25061769
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
Newton- 3Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 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 50115 Technician(s): A. Lampe Date: 7/7/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	7/7/25 9:57
7.0 Buffer	WC250407A	7.00	7/7/25 10:03
10.0 Buffer	WC240625A	10.00	7/7/25 10:07
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	7/7/25 10:07

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.27	7/7/25 10:08
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-AL	LCS	7/7/25 10:09	22.8	7.06	1,380	0.27		
CCV-3-AL	CCV	7/7/25 14:42	22.6	7.10	1,398	0.42		

Comments:

Field Meter ID: Pine 50115 Technician(s): A.Lampe Date: 7/8/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	7/8/25 8:26
7.0 Buffer	WC250407A	7.00	7/8/25 8:30
10.0 Buffer	WC240625A	10.00	7/8/25 8:33
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	7/8/25 8:38

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.47	7/8/25 8:44
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-4-AL	LCS	7/8/25 8:45	22.5	7.06	1,408	0.47		
CCV-4-AL	CCV	7/8/25 14:18	22.9	7.12	1,392	0.39		

Comments:

Site Sampling Event: NEW-25Q3
LIMS Workorder: 25061769
Technician(s): DC, JC, BG, AL, JR, PY

Field Calibration Log(s)
Newton- 3Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 3, 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 50115 Technician(s): A.Lampe Date: 7/9/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250102A	4.00	7/9/25 9:32
7.0 Buffer	WC250407A	7.00	7/9/25 9:34
10.0 Buffer	WC24625A	10.00	7/9/25 9:39
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	7/9/25 9:44

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	1412	7/9/25 9:48
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-5-AL	LCS	7/9/25 9:49	21.7	7.02	1,412	0.32		
CCV-5-AL	CCV	7/9/25 12:43	22.2	7.06	1,388	0.34		

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 44954
Description YSI Pro DSS Sonde
Calibrated 6/27/2025 10:12:57AM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 18L101938
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	7.33	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.39	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.27	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	0.15	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	111.68	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	1.407	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	228.80	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 Range				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 44954
Description YSI Pro DSS Sonde
Calibrated 6/27/2025 10:12:57AM

Group # 5		Range Acc % 0.0000	
Group Name Dissolved Oxygen Span		Reading Acc % 3.0000	
Stated Accy Pct of Reading Range		Plus/Minus 0.00	
Nom In Val / In Val	In Type	Out Val	Out Type
100.00 / 100.00	%Volume	100.00	%Volume
Fnd As	Lft As	Dev%	Pass/Fail
94.20	99.60	-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	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#5GC0680	STL 1413 COND L#5GC0680	AquaPhoenix Scientific	31986	5GC0680	3/25/2026
STL AUTOCAL LOT# 24015889	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24015889	12/25/2025
STL ORP SOLUTION 240MV L#5GA1574	STL ORP SOLUTION 240MV L#5GA1574	AquaPhoenix Scientific	ORP Solution	5GA1574	10/25/2025
STL PH10 #5GB1197	STL PH10 #5GB1197	Absolute Accuracy	PH 10	5GB1197	2/25/2027
STL PH4 L#5GC0771	STL pH4 L#5GC0771	AquaPhoenix Scientific	pH 4	5GC0771	2/25/2027
STL PH7 L#5GC0468	STL PH7 L#5GC0468	AquaPhoenix Scientific	PH7	5GC0468	3/25/2027

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 50115
Description YSI Pro DSS
Calibrated 6/27/2025 10:18:22AM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 21C102193
Location St. Louis
Department

State Certified
Status Pass
Temp °C 22.2
Humidity % 43

Calibration Specifications

Group # 1
Group Name PH
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.35	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.47	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.21	10.04	0.40%	Pass

Group # 2
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	1.504	1.413	0.00%	Pass

Group # 3
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	0.54	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	84.79	124.00	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
240.00 / 240.00	mv	240.00	mv	235.60	240.00	0.00%	Pass

Group # 5
Group Name Dissolved Oxygen Span
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<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 50115
Description YSI Pro DSS
Calibrated 6/27/2025 10:18:22AM

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	End As	Lft As	Dev%	Pass/Fail
100.00 / 100.00	%	100.00	%	98.00	100.00	0.00%	Pass

Test Instruments Used During the Calibration					(As Of Cal Entry Date)	
Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date / Opened Date	Next Cal Date / Expiration Date
STL 126 NTU L#24G24012705	STL 126 NTU L#24G24012705	YSI	126 NTU	24G24012705		7/25/2025
STL 1413 COND L#5GC0680	STL 1413 COND L#5GC0680	AquaPhoenix Scientific	31986	5GC0680		3/25/2026
STL AUTOCAL LOT# 24015889	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24015889		12/25/2025
STL ORP SOLUTION 240MV L#5GA1574	STL ORP SOLUTION 240MV L#5GA1574	AquaPhoenix Scientific	ORP Solution	5GA1574		10/25/2025
STL PH10 #5GB1197	STL PH10 #5GB1197	Absolute Accuracy	PH 10	5GB1197		2/25/2027
STL PH4 L#5GC0771	STL pH4 L#5GC0771	AquaPhoenix Scientific	pH 4	5GC0771		2/25/2027
STL PH7 L#5GC0468	STL PH7 L#5GC0468	AquaPhoenix Scientific	PH7	5GC0468		3/25/2027

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

11669 Lilburn Park Rd.
St. Louis, MO 63146
Office: 314.344.1079

Pine Environmental Services, Inc.

Instrument ID 223352
Description YSI Pro DSS Sonde
Calibrated 6/27/2025 10:15:57AM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 24C101265
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	7.31	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	4.41	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.23	10.04	0.40%	Pass
Group # 2				Range Acc % 0.0000			
Group Name Turbidity (NTU)				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	0.91	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	108.64	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	1.531	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	237.70	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 223352
Description YSI Pro DSS Sonde
Calibrated 6/27/2025 10:15:57AM

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
100.00 / 100.00	%	100.00	%
Fnd As	Lft As	Dev%	Pass/Fail
85.70	100.00	0.00%	Pass

Test Instruments Used During the Calibration					(As Of Cal Entry Date)	
Test Standard ID	Description	Manufacturer	Model Number	Serial Number / Lot Number	Last Cal Date / Opened Date	Next Cal Date / Expiration Date
STL 126 NTU L#24G24012705	STL 126 NTU L#24G24012705	YSI	126 NTU	24G24012705		7/25/2025
STL 1413 COND L#5GC0680	STL 1413 COND L#5GC0680	AquaPhoenix Scientific	31986	5GC0680		3/25/2026
STL AUTOCAL LOT# 24015889	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24015889		12/25/2025
STL ORP SOLUTION 240MV L#5GA1574	STL ORP SOLUTION 240MV L#5GA1574	AquaPhoenix Scientific	ORP Solution	5GA1574		10/25/2025
STL PH10 #5GB1197	STL PH10 #5GB1197	Absolute Accuracy	PH 10	5GB1197		2/25/2027
STL PH4 L#5GC0771	STL pH4 L#5GC0771	AquaPhoenix Scientific	pH 4	5GC0771		2/25/2027
STL PH7 L#5GC0468	STL PH7 L#5GC0468	AquaPhoenix Scientific	PH7	5GC0468		3/25/2027

Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Chris Harkins

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance

**ATTACHMENT C
COMPARISON TO BACKGROUND
QUARTER 3, 2025**

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 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	E010	Antimony, total	mg/L	02/17/21 - 07/07/25	19	95	CB around T-S line	-0.0000557	0.003
APW02	UD	E010	Arsenic, total	mg/L	02/17/21 - 07/07/25	19	79	CI around median	0.001	0.0590
APW02	UD	E010	Barium, total	mg/L	02/17/21 - 07/07/25	19	0	CI around geomean	0.00941	0.300
APW02	UD	E010	Beryllium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW02	UD	E010	Boron, total	mg/L	02/17/21 - 07/07/25	19	0	CI around geomean	0.0948	0.260
APW02	UD	E010	Cadmium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW02	UD	E010	Chloride, total	mg/L	02/17/21 - 07/07/25	19	0	CI around mean	94.1	52.0
APW02	UD	E010	Chromium, total	mg/L	02/17/21 - 07/07/25	19	79	CB around T-S line	0.000281	0.0110
APW02	UD	E010	Cobalt, total	mg/L	02/17/21 - 07/07/25	19	84	CB around T-S line	0.000542	0.00430
APW02	UD	E010	Fluoride, total	mg/L	02/17/21 - 07/07/25	19	74	CI around median	0.23	0.633
APW02	UD	E010	Lead, total	mg/L	02/17/21 - 07/07/25	19	90	CI around median	0.001	0.00740
APW02	UD	E010	Lithium, total	mg/L	02/17/21 - 07/07/25	19	0	CI around median	0.098	0.0300
APW02	UD	E010	Mercury, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.0002	0.0002
APW02	UD	E010	Molybdenum, total	mg/L	02/17/21 - 07/07/25	18	56	CB around T-S line	0.00107	0.0180
APW02	UD	E010	pH (field)	SU	02/17/21 - 07/07/25	25	0	CI around mean	6.6/6.8	6.4/7.8
APW02	UD	E010	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 07/07/25	18	0	CI around mean	0.358	6.90
APW02	UD	E010	Selenium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW02	UD	E010	Sulfate, total	mg/L	02/17/21 - 07/07/25	19	0	CI around median	2,900	35.8
APW02	UD	E010	Thallium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.002	0.001
APW02	UD	E010	Total Dissolved Solids	mg/L	02/17/21 - 07/07/25	25	0	CI around median	4,800	628
APW03	UD	E010	Antimony, total	mg/L	02/18/21 - 07/07/25	19	95	CB around T-S line	-0.0000911	0.003
APW03	UD	E010	Arsenic, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.0590
APW03	UD	E010	Barium, total	mg/L	02/18/21 - 07/07/25	19	0	CB around linear reg	0.095	0.300
APW03	UD	E010	Beryllium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW03	UD	E010	Boron, total	mg/L	02/18/21 - 07/07/25	19	0	CI around geomean	0.4	0.260
APW03	UD	E010	Cadmium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW03	UD	E010	Chloride, total	mg/L	02/18/21 - 07/07/25	19	0	CI around mean	7.91	52.0

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 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	E010	Chromium, total	mg/L	02/18/21 - 07/07/25	19	79	CB around T-S line	0.000396	0.0110
APW03	UD	E010	Cobalt, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.00430
APW03	UD	E010	Fluoride, total	mg/L	02/18/21 - 07/07/25	19	68	CI around median	0.25	0.633
APW03	UD	E010	Lead, total	mg/L	02/18/21 - 07/07/25	19	95	CI around median	0.001	0.00740
APW03	UD	E010	Lithium, total	mg/L	02/18/21 - 07/07/25	19	21	CB around linear reg	0.00348	0.0300
APW03	UD	E010	Mercury, total	mg/L	02/18/21 - 07/07/25	19	95	CI around median	0.0002	0.0002
APW03	UD	E010	Molybdenum, total	mg/L	02/18/21 - 07/07/25	18	50	CI around mean	0.00114	0.0180
APW03	UD	E010	pH (field)	SU	02/18/21 - 07/07/25	25	0	CI around mean	6.8/7.1	6.4/7.8
APW03	UD	E010	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 07/07/25	18	0	CI around geomean	0.233	6.90
APW03	UD	E010	Selenium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW03	UD	E010	Sulfate, total	mg/L	02/18/21 - 07/07/25	19	0	CB around linear reg	78.6	35.8
APW03	UD	E010	Thallium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.002	0.001
APW03	UD	E010	Total Dissolved Solids	mg/L	02/18/21 - 07/07/25	25	0	CI around mean	624	628
APW04	UD	E010	Antimony, total	mg/L	02/18/21 - 07/07/25	19	95	CB around T-S line	-0.0000785	0.003
APW04	UD	E010	Arsenic, total	mg/L	02/18/21 - 07/07/25	19	63	CI around median	0.001	0.0590
APW04	UD	E010	Barium, total	mg/L	02/18/21 - 07/07/25	19	0	CI around mean	0.0178	0.300
APW04	UD	E010	Beryllium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW04	UD	E010	Boron, total	mg/L	02/18/21 - 07/07/25	19	10	CI around median	0.024	0.260
APW04	UD	E010	Cadmium, total	mg/L	02/18/21 - 07/07/25	19	95	CI around median	0.001	0.001
APW04	UD	E010	Chloride, total	mg/L	02/18/21 - 07/07/25	19	0	CI around mean	31.5	52.0
APW04	UD	E010	Chromium, total	mg/L	02/18/21 - 07/07/25	19	79	CB around T-S line	0.000512	0.0110
APW04	UD	E010	Cobalt, total	mg/L	02/18/21 - 07/07/25	19	95	CB around T-S line	0.000444	0.00430
APW04	UD	E010	Fluoride, total	mg/L	02/18/21 - 07/07/25	19	74	CI around median	0.25	0.633
APW04	UD	E010	Lead, total	mg/L	02/18/21 - 07/07/25	19	79	CI around median	0.001	0.00740
APW04	UD	E010	Lithium, total	mg/L	02/18/21 - 07/07/25	19	16	CI around median	0.0202	0.0300
APW04	UD	E010	Mercury, total	mg/L	02/18/21 - 07/07/25	19	95	CI around median	0.0002	0.0002
APW04	UD	E010	Molybdenum, total	mg/L	02/18/21 - 07/07/25	18	89	CB around T-S line	0.001	0.0180

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 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	E010	pH (field)	SU	02/18/21 - 07/07/25	25	0	CI around median	6.7/6.9	6.4/7.8
APW04	UD	E010	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 07/07/25	18	0	CI around mean	0.298	6.90
APW04	UD	E010	Selenium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW04	UD	E010	Sulfate, total	mg/L	02/18/21 - 07/07/25	19	0	CI around median	815	35.8
APW04	UD	E010	Thallium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.002	0.001
APW04	UD	E010	Total Dissolved Solids	mg/L	02/18/21 - 07/07/25	25	0	CI around median	1,700	628
APW05S	UD	E010	Antimony, total	mg/L	02/17/21 - 07/07/25	18	100	All ND - Last	0.001	0.003
APW05S	UD	E010	Arsenic, total	mg/L	02/17/21 - 07/07/25	18	56	CI around median	0.001	0.0590
APW05S	UD	E010	Barium, total	mg/L	02/17/21 - 07/07/25	18	0	CB around T-S line	0.018	0.300
APW05S	UD	E010	Beryllium, total	mg/L	02/17/21 - 07/07/25	18	100	All ND - Last	0.001	0.001
APW05S	UD	E010	Boron, total	mg/L	02/17/21 - 07/07/25	18	0	CI around median	0.04	0.260
APW05S	UD	E010	Cadmium, total	mg/L	02/17/21 - 07/07/25	18	94	CI around median	0.001	0.001
APW05S	UD	E010	Chloride, total	mg/L	02/17/21 - 07/07/25	18	0	CB around T-S line	49	52.0
APW05S	UD	E010	Chromium, total	mg/L	02/17/21 - 07/07/25	18	83	CB around T-S line	0.000206	0.0110
APW05S	UD	E010	Cobalt, total	mg/L	02/17/21 - 07/07/25	18	50	CB around T-S line	-0.00113	0.00430
APW05S	UD	E010	Fluoride, total	mg/L	02/17/21 - 07/07/25	18	22	CB around T-S line	0.373	0.633
APW05S	UD	E010	Lead, total	mg/L	02/17/21 - 07/07/25	18	94	CI around median	0.001	0.00740
APW05S	UD	E010	Lithium, total	mg/L	02/17/21 - 07/07/25	18	0	CI around median	0.037	0.0300
APW05S	UD	E010	Mercury, total	mg/L	02/17/21 - 07/07/25	18	100	All ND - Last	0.0002	0.0002
APW05S	UD	E010	Molybdenum, total	mg/L	02/17/21 - 07/07/25	17	47	CI around median	0.0013	0.0180
APW05S	UD	E010	pH (field)	SU	02/17/21 - 07/07/25	18	0	CI around mean	6.6/6.9	6.4/7.8
APW05S	UD	E010	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 07/07/25	17	0	CI around geomean	0.277	6.90
APW05S	UD	E010	Selenium, total	mg/L	02/17/21 - 07/07/25	18	100	All ND - Last	0.001	0.001
APW05S	UD	E010	Sulfate, total	mg/L	02/17/21 - 07/07/25	18	0	CI around median	1,790	35.8
APW05S	UD	E010	Thallium, total	mg/L	02/17/21 - 07/07/25	18	100	All ND - Last	0.002	0.001
APW05S	UD	E010	Total Dissolved Solids	mg/L	02/17/21 - 07/07/25	18	0	CI around mean	3,370	628
APW07	UA	E010	Antimony, total	mg/L	12/15/15 - 07/09/25	20	100	All ND - Last	0.001	0.003

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 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	E010	Arsenic, total	mg/L	12/15/15 - 07/09/25	21	0	CB around linear reg	0.012	0.0590
APW07	UA	E010	Barium, total	mg/L	12/15/15 - 07/09/25	21	0	CB around T-S line	0.452	0.300
APW07	UA	E010	Beryllium, total	mg/L	12/15/15 - 07/09/25	20	100	All ND - Last	0.001	0.001
APW07	UA	E010	Boron, total	mg/L	12/15/15 - 07/09/25	31	0	CB around T-S line	0.0833	0.260
APW07	UA	E010	Cadmium, total	mg/L	12/15/15 - 07/09/25	20	100	All ND - Last	0.001	0.001
APW07	UA	E010	Chloride, total	mg/L	12/15/15 - 07/09/25	34	0	CB around T-S line	55.5	52.0
APW07	UA	E010	Chromium, total	mg/L	12/15/15 - 07/09/25	21	48	CI around median	0.0031	0.0110
APW07	UA	E010	Cobalt, total	mg/L	12/15/15 - 07/09/25	20	75	CI around median	0.001	0.00430
APW07	UA	E010	Fluoride, total	mg/L	12/15/15 - 07/09/25	31	16	CI around mean	0.375	0.633
APW07	UA	E010	Lead, total	mg/L	12/15/15 - 07/09/25	21	62	CI around median	0.001	0.00740
APW07	UA	E010	Lithium, total	mg/L	12/15/15 - 07/09/25	21	62	CI around median	0.0042	0.0300
APW07	UA	E010	Mercury, total	mg/L	12/15/15 - 07/09/25	21	100	All ND - Last	0.0002	0.0002
APW07	UA	E010	Molybdenum, total	mg/L	12/15/15 - 07/09/25	20	0	CI around mean	0.00306	0.0180
APW07	UA	E010	pH (field)	SU	12/15/15 - 07/09/25	33	0	CI around mean	7.1/7.3	6.4/7.8
APW07	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 07/09/25	21	0	CI around mean	1.5	6.90
APW07	UA	E010	Selenium, total	mg/L	12/15/15 - 07/09/25	21	100	All ND - Last	0.001	0.001
APW07	UA	E010	Sulfate, total	mg/L	12/15/15 - 07/09/25	32	12	CB around T-S line	13.8	35.8
APW07	UA	E010	Thallium, total	mg/L	12/15/15 - 07/09/25	20	100	All ND - Last	0.002	0.001
APW07	UA	E010	Total Dissolved Solids	mg/L	12/15/15 - 07/09/25	31	0	CB around T-S line	563	628
APW08	UA	E010	Antimony, total	mg/L	12/15/15 - 07/07/25	20	100	All ND - Last	0.001	0.003
APW08	UA	E010	Arsenic, total	mg/L	12/15/15 - 07/07/25	21	0	CB around linear reg	0.0203	0.0590
APW08	UA	E010	Barium, total	mg/L	12/15/15 - 07/07/25	21	0	CB around T-S line	0.45	0.300
APW08	UA	E010	Beryllium, total	mg/L	12/15/15 - 07/07/25	20	100	All ND - Last	0.001	0.001
APW08	UA	E010	Boron, total	mg/L	12/15/15 - 07/07/25	31	0	CI around median	0.0838	0.260
APW08	UA	E010	Cadmium, total	mg/L	12/15/15 - 07/07/25	20	100	All ND - Last	0.001	0.001
APW08	UA	E010	Chloride, total	mg/L	12/15/15 - 07/07/25	33	0	CI around mean	55	52.0
APW08	UA	E010	Chromium, total	mg/L	12/15/15 - 07/07/25	21	52	CI around median	0.0034	0.0110

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 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	E010	Cobalt, total	mg/L	12/15/15 - 07/07/25	20	70	CI around median	0.001	0.00430
APW08	UA	E010	Fluoride, total	mg/L	12/15/15 - 07/07/25	31	19	CI around mean	0.377	0.633
APW08	UA	E010	Lead, total	mg/L	12/15/15 - 07/07/25	21	62	CI around median	0.001	0.00740
APW08	UA	E010	Lithium, total	mg/L	12/15/15 - 07/07/25	21	57	CI around median	0.0034	0.0300
APW08	UA	E010	Mercury, total	mg/L	12/15/15 - 07/07/25	21	100	All ND - Last	0.0002	0.0002
APW08	UA	E010	Molybdenum, total	mg/L	12/15/15 - 07/07/25	20	0	CI around mean	0.00465	0.0180
APW08	UA	E010	pH (field)	SU	12/15/15 - 07/07/25	34	0	CI around mean	7.2/7.3	6.4/7.8
APW08	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 07/07/25	21	0	CI around geomean	0.957	6.90
APW08	UA	E010	Selenium, total	mg/L	12/15/15 - 07/07/25	21	95	CI around median	0.001	0.001
APW08	UA	E010	Sulfate, total	mg/L	12/15/15 - 07/07/25	33	0	CB around linear reg	51.2	35.8
APW08	UA	E010	Thallium, total	mg/L	12/15/15 - 07/07/25	20	100	All ND - Last	0.002	0.001
APW08	UA	E010	Total Dissolved Solids	mg/L	12/15/15 - 07/07/25	31	0	CB around linear reg	624	628
APW09	UA	E010	Antimony, total	mg/L	12/15/15 - 07/07/25	20	95	CB around T-S line	0.000541	0.003
APW09	UA	E010	Arsenic, total	mg/L	12/15/15 - 07/07/25	21	0	CB around T-S line	0.0155	0.0590
APW09	UA	E010	Barium, total	mg/L	12/15/15 - 07/07/25	21	0	CI around mean	0.347	0.300
APW09	UA	E010	Beryllium, total	mg/L	12/15/15 - 07/07/25	20	95	Most recent sample	0.001	0.001
APW09	UA	E010	Boron, total	mg/L	12/15/15 - 07/07/25	31	0	CB around linear reg	0.101	0.260
APW09	UA	E010	Cadmium, total	mg/L	12/15/15 - 07/07/25	20	100	All ND - Last	0.001	0.001
APW09	UA	E010	Chloride, total	mg/L	12/15/15 - 07/07/25	33	0	CB around T-S line	130	52.0
APW09	UA	E010	Chromium, total	mg/L	12/15/15 - 07/07/25	21	62	CI around median	0.0018	0.0110
APW09	UA	E010	Cobalt, total	mg/L	12/15/15 - 07/07/25	20	85	CI around median	0.001	0.00430
APW09	UA	E010	Fluoride, total	mg/L	12/15/15 - 07/07/25	32	16	CI around mean	0.433	0.633
APW09	UA	E010	Lead, total	mg/L	12/15/15 - 07/07/25	21	57	CI around median	0.001	0.00740
APW09	UA	E010	Lithium, total	mg/L	12/15/15 - 07/07/25	21	57	CI around median	0.0088	0.0300
APW09	UA	E010	Mercury, total	mg/L	12/15/15 - 07/07/25	21	90	CI around median	0.0002	0.0002
APW09	UA	E010	Molybdenum, total	mg/L	12/15/15 - 07/07/25	20	0	CB around linear reg	-0.00151	0.0180
APW09	UA	E010	pH (field)	SU	12/15/15 - 07/07/25	33	0	CI around median	7.4/7.5	6.4/7.8

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 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	E010	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 07/07/25	21	0	CI around geomean	0.972	6.90
APW09	UA	E010	Selenium, total	mg/L	12/15/15 - 07/07/25	21	95	CI around median	0.001	0.001
APW09	UA	E010	Sulfate, total	mg/L	12/15/15 - 07/07/25	33	15	CI around geomean	4.2	35.8
APW09	UA	E010	Thallium, total	mg/L	12/15/15 - 07/07/25	20	100	All ND - Last	0.002	0.001
APW09	UA	E010	Total Dissolved Solids	mg/L	12/15/15 - 07/07/25	32	0	CB around T-S line	814	628
APW10	UA	E010	Antimony, total	mg/L	12/16/15 - 07/07/25	22	96	CB around T-S line	0.000541	0.003
APW10	UA	E010	Arsenic, total	mg/L	12/16/15 - 07/07/25	23	4	CI around mean	0.00662	0.0590
APW10	UA	E010	Barium, total	mg/L	12/16/15 - 07/07/25	23	0	CI around mean	0.029	0.300
APW10	UA	E010	Beryllium, total	mg/L	12/16/15 - 07/07/25	22	100	All ND - Last	0.001	0.001
APW10	UA	E010	Boron, total	mg/L	12/16/15 - 07/07/25	33	0	CI around median	0.0702	0.260
APW10	UA	E010	Cadmium, total	mg/L	12/16/15 - 07/07/25	22	100	All ND - Last	0.001	0.001
APW10	UA	E010	Chloride, total	mg/L	12/16/15 - 07/07/25	34	0	CB around linear reg	40.7	52.0
APW10	UA	E010	Chromium, total	mg/L	12/16/15 - 07/07/25	23	78	CB around T-S line	0.00162	0.0110
APW10	UA	E010	Cobalt, total	mg/L	12/16/15 - 07/07/25	22	91	CB around T-S line	0.000784	0.00430
APW10	UA	E010	Fluoride, total	mg/L	12/16/15 - 07/07/25	33	27	CI around mean	0.264	0.633
APW10	UA	E010	Lead, total	mg/L	12/16/15 - 07/07/25	23	87	CI around median	0.001	0.00740
APW10	UA	E010	Lithium, total	mg/L	12/16/15 - 07/07/25	23	4	CI around mean	0.0203	0.0300
APW10	UA	E010	Mercury, total	mg/L	12/16/15 - 07/07/25	23	100	All ND - Last	0.0002	0.0002
APW10	UA	E010	Molybdenum, total	mg/L	12/16/15 - 07/07/25	22	4	CB around T-S line	0.00454	0.0180
APW10	UA	E010	pH (field)	SU	12/16/15 - 07/07/25	36	0	CI around mean	7.1/7.2	6.4/7.8
APW10	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/16/15 - 07/07/25	23	0	CI around geomean	0.417	6.90
APW10	UA	E010	Selenium, total	mg/L	12/16/15 - 07/07/25	23	100	All ND - Last	0.001	0.001
APW10	UA	E010	Sulfate, total	mg/L	12/16/15 - 07/07/25	35	0	CI around median	410	35.8
APW10	UA	E010	Thallium, total	mg/L	12/16/15 - 07/07/25	22	100	All ND - Last	0.002	0.001
APW10	UA	E010	Total Dissolved Solids	mg/L	12/16/15 - 07/07/25	35	0	CB around T-S line	1,040	628
APW11	UA	E010	Antimony, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.003
APW11	UA	E010	Arsenic, total	mg/L	02/18/21 - 07/07/25	19	0	CI around geomean	0.0026	0.0590

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 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	E010	Barium, total	mg/L	02/18/21 - 07/07/25	19	0	CB around T-S line	-0.068	0.300
APW11	UA	E010	Beryllium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW11	UA	E010	Boron, total	mg/L	02/18/21 - 07/07/25	19	0	CI around median	0.0628	0.260
APW11	UA	E010	Cadmium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW11	UA	E010	Chloride, total	mg/L	02/18/21 - 07/07/25	19	0	CB around T-S line	15.7	52.0
APW11	UA	E010	Chromium, total	mg/L	02/18/21 - 07/07/25	19	68	CB around T-S line	-0.00116	0.0110
APW11	UA	E010	Cobalt, total	mg/L	02/18/21 - 07/07/25	19	74	CB around T-S line	0.000236	0.00430
APW11	UA	E010	Fluoride, total	mg/L	02/18/21 - 07/07/25	19	47	CB around T-S line	0.348	0.633
APW11	UA	E010	Lead, total	mg/L	02/18/21 - 07/07/25	19	63	CI around median	0.001	0.00740
APW11	UA	E010	Lithium, total	mg/L	02/18/21 - 07/07/25	19	5	CI around mean	0.02	0.0300
APW11	UA	E010	Mercury, total	mg/L	02/18/21 - 07/07/25	19	84	CI around median	0.0002	0.0002
APW11	UA	E010	Molybdenum, total	mg/L	02/18/21 - 07/07/25	18	0	CB around T-S line	-0.00707	0.0180
APW11	UA	E010	pH (field)	SU	02/18/21 - 07/07/25	19	0	CI around median	7.0/7.2	6.4/7.8
APW11	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 07/07/25	18	0	CI around geomean	0.676	6.90
APW11	UA	E010	Selenium, total	mg/L	02/18/21 - 07/07/25	19	84	CI around median	0.001	0.001
APW11	UA	E010	Sulfate, total	mg/L	02/18/21 - 07/07/25	19	0	CI around median	270	35.8
APW11	UA	E010	Thallium, total	mg/L	02/18/21 - 07/07/25	19	95	CB around T-S line	0.001	0.001
APW11	UA	E010	Total Dissolved Solids	mg/L	02/18/21 - 07/07/25	19	0	CI around mean	816	628
APW12	UD	E010	Antimony, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.003
APW12	UD	E010	Arsenic, total	mg/L	02/17/21 - 07/07/25	19	47	CB around linear reg	0.000411	0.0590
APW12	UD	E010	Barium, total	mg/L	02/17/21 - 07/07/25	19	0	CB around linear reg	0.0224	0.300
APW12	UD	E010	Beryllium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW12	UD	E010	Boron, total	mg/L	02/17/21 - 07/07/25	19	0	CB around linear reg	0.808	0.260
APW12	UD	E010	Cadmium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW12	UD	E010	Chloride, total	mg/L	02/17/21 - 07/07/25	19	0	CI around mean	24	52.0
APW12	UD	E010	Chromium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.0015	0.0110
APW12	UD	E010	Cobalt, total	mg/L	02/17/21 - 07/07/25	19	32	CB around linear reg	-0.00157	0.00430

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 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	E010	Fluoride, total	mg/L	02/17/21 - 07/07/25	19	74	CI around median	0.22	0.633
APW12	UD	E010	Lead, total	mg/L	02/17/21 - 07/07/25	19	95	CI around median	0.001	0.00740
APW12	UD	E010	Lithium, total	mg/L	02/17/21 - 07/07/25	19	0	CI around geomean	0.028	0.0300
APW12	UD	E010	Mercury, total	mg/L	02/17/21 - 07/07/25	19	95	CI around median	0.0002	0.0002
APW12	UD	E010	Molybdenum, total	mg/L	02/17/21 - 07/07/25	18	72	CI around median	0.0012	0.0180
APW12	UD	E010	pH (field)	SU	02/17/21 - 07/07/25	19	0	CI around median	6.3/6.5	6.4/7.8
APW12	UD	E010	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 07/07/25	18	0	CI around mean	0.368	6.90
APW12	UD	E010	Selenium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW12	UD	E010	Sulfate, total	mg/L	02/17/21 - 07/07/25	19	0	CB around T-S line	480	35.8
APW12	UD	E010	Thallium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.002	0.001
APW12	UD	E010	Total Dissolved Solids	mg/L	02/17/21 - 07/07/25	19	0	CB around linear reg	1,810	628
APW13	UA	E010	Antimony, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.003
APW13	UA	E010	Arsenic, total	mg/L	02/22/21 - 07/07/25	19	0	CI around mean	0.00392	0.0590
APW13	UA	E010	Barium, total	mg/L	02/22/21 - 07/07/25	19	0	CI around median	0.051	0.300
APW13	UA	E010	Beryllium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW13	UA	E010	Boron, total	mg/L	02/22/21 - 07/07/25	19	0	CI around mean	0.11	0.260
APW13	UA	E010	Cadmium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW13	UA	E010	Chloride, total	mg/L	02/22/21 - 07/07/25	19	0	CI around geomean	48.9	52.0
APW13	UA	E010	Chromium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.0015	0.0110
APW13	UA	E010	Cobalt, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.00430
APW13	UA	E010	Fluoride, total	mg/L	02/22/21 - 07/07/25	19	26	CB around linear reg	0.404	0.633
APW13	UA	E010	Lead, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.00740
APW13	UA	E010	Lithium, total	mg/L	02/22/21 - 07/07/25	19	0	CB around linear reg	0.014	0.0300
APW13	UA	E010	Mercury, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.0002	0.0002
APW13	UA	E010	Molybdenum, total	mg/L	02/22/21 - 07/07/25	18	0	CB around linear reg	0.00312	0.0180
APW13	UA	E010	pH (field)	SU	02/22/21 - 07/07/25	19	0	CI around median	7.1/7.3	6.4/7.8
APW13	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 07/07/25	18	0	CI around mean	0.424	6.90

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 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	E010	Selenium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW13	UA	E010	Sulfate, total	mg/L	02/22/21 - 07/07/25	19	0	CB around linear reg	255	35.8
APW13	UA	E010	Thallium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.002	0.001
APW13	UA	E010	Total Dissolved Solids	mg/L	02/22/21 - 07/07/25	19	0	CB around linear reg	907	628
APW14	UA	E010	Antimony, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.003
APW14	UA	E010	Arsenic, total	mg/L	02/22/21 - 07/07/25	19	5	CI around mean	0.00546	0.0590
APW14	UA	E010	Barium, total	mg/L	02/22/21 - 07/07/25	19	5	CB around linear reg	0.0169	0.300
APW14	UA	E010	Beryllium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW14	UA	E010	Boron, total	mg/L	02/22/21 - 07/07/25	19	5	CI around median	0.0888	0.260
APW14	UA	E010	Cadmium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW14	UA	E010	Chloride, total	mg/L	02/22/21 - 07/07/25	19	0	CB around linear reg	30.9	52.0
APW14	UA	E010	Chromium, total	mg/L	02/22/21 - 07/07/25	19	90	CB around T-S line	-0.000179	0.0110
APW14	UA	E010	Cobalt, total	mg/L	02/22/21 - 07/07/25	19	95	CB around T-S line	0.000388	0.00430
APW14	UA	E010	Fluoride, total	mg/L	02/22/21 - 07/07/25	19	37	CI around mean	0.291	0.633
APW14	UA	E010	Lead, total	mg/L	02/22/21 - 07/07/25	19	84	CI around median	0.001	0.00740
APW14	UA	E010	Lithium, total	mg/L	02/22/21 - 07/07/25	19	16	CB around linear reg	0.00457	0.0300
APW14	UA	E010	Mercury, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.0002	0.0002
APW14	UA	E010	Molybdenum, total	mg/L	02/22/21 - 07/07/25	18	6	CB around T-S line	-0.0135	0.0180
APW14	UA	E010	pH (field)	SU	02/22/21 - 07/07/25	19	0	CB around T-S line	6.8/7.1	6.4/7.8
APW14	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 07/07/25	18	0	CI around mean	0.503	6.90
APW14	UA	E010	Selenium, total	mg/L	02/22/21 - 07/07/25	19	95	Most recent sample	0.001	0.001
APW14	UA	E010	Sulfate, total	mg/L	02/22/21 - 07/07/25	19	0	CI around mean	325	35.8
APW14	UA	E010	Thallium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.002	0.001
APW14	UA	E010	Total Dissolved Solids	mg/L	02/22/21 - 07/07/25	19	0	CB around linear reg	971	628
APW15	UA	E010	Antimony, total	mg/L	02/23/21 - 07/07/25	19	95	CB around T-S line	-0.000106	0.003
APW15	UA	E010	Arsenic, total	mg/L	02/23/21 - 07/07/25	19	0	CB around linear reg	0.0273	0.0590
APW15	UA	E010	Barium, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	0.563	0.300

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 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	E010	Beryllium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW15	UA	E010	Boron, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	0.126	0.260
APW15	UA	E010	Cadmium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW15	UA	E010	Chloride, total	mg/L	02/23/21 - 07/07/25	19	0	CI around median	230	52.0
APW15	UA	E010	Chromium, total	mg/L	02/23/21 - 07/07/25	19	42	CI around geomean	0.00295	0.0110
APW15	UA	E010	Cobalt, total	mg/L	02/23/21 - 07/07/25	19	53	CB around T-S line	0.000988	0.00430
APW15	UA	E010	Fluoride, total	mg/L	02/23/21 - 07/07/25	19	21	CI around median	0.48	0.633
APW15	UA	E010	Lead, total	mg/L	02/23/21 - 07/07/25	19	37	CI around median	0.001	0.00740
APW15	UA	E010	Lithium, total	mg/L	02/23/21 - 07/07/25	19	42	CB around linear reg	0.000604	0.0300
APW15	UA	E010	Mercury, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.0002	0.0002
APW15	UA	E010	Molybdenum, total	mg/L	02/23/21 - 07/07/25	18	0	CB around linear reg	0.000484	0.0180
APW15	UA	E010	pH (field)	SU	02/23/21 - 07/07/25	19	0	CI around mean	7.0/7.2	6.4/7.8
APW15	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 07/07/25	18	0	CI around mean	1.84	6.90
APW15	UA	E010	Selenium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW15	UA	E010	Sulfate, total	mg/L	02/23/21 - 07/07/25	19	79	CB around T-S line	1	35.8
APW15	UA	E010	Thallium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.002	0.001
APW15	UA	E010	Total Dissolved Solids	mg/L	02/23/21 - 07/07/25	19	0	CI around median	1,000	628
APW16	UA	E010	Antimony, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.003
APW16	UA	E010	Arsenic, total	mg/L	02/23/21 - 07/07/25	19	0	CB around linear reg	0.0237	0.0590
APW16	UA	E010	Barium, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	0.554	0.300
APW16	UA	E010	Beryllium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW16	UA	E010	Boron, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	0.13	0.260
APW16	UA	E010	Cadmium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW16	UA	E010	Chloride, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	66.4	52.0
APW16	UA	E010	Chromium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.0015	0.0110
APW16	UA	E010	Cobalt, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.00430
APW16	UA	E010	Fluoride, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	0.674	0.633

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 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	E010	Lead, total	mg/L	02/23/21 - 07/07/25	19	95	Most recent sample	0.001	0.00740
APW16	UA	E010	Lithium, total	mg/L	02/23/21 - 07/07/25	19	79	CB around T-S line	-0.00612	0.0300
APW16	UA	E010	Mercury, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.0002	0.0002
APW16	UA	E010	Molybdenum, total	mg/L	02/23/21 - 07/07/25	18	72	CI around median	0.0012	0.0180
APW16	UA	E010	pH (field)	SU	02/23/21 - 07/07/25	19	0	CI around mean	7.2/7.5	6.4/7.8
APW16	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 07/07/25	18	0	CI around geomean	1.6	6.90
APW16	UA	E010	Selenium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW16	UA	E010	Sulfate, total	mg/L	02/23/21 - 07/07/25	19	79	CB around T-S line	1	35.8
APW16	UA	E010	Thallium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.002	0.001
APW16	UA	E010	Total Dissolved Solids	mg/L	02/23/21 - 07/07/25	19	0	CI around median	720	628
APW17	UA	E010	Antimony, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.003
APW17	UA	E010	Arsenic, total	mg/L	02/23/21 - 07/07/25	19	0	CB around linear reg	0.0197	0.0590
APW17	UA	E010	Barium, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	0.556	0.300
APW17	UA	E010	Beryllium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW17	UA	E010	Boron, total	mg/L	02/23/21 - 07/07/25	19	0	CI around geomean	0.0816	0.260
APW17	UA	E010	Cadmium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW17	UA	E010	Chloride, total	mg/L	02/23/21 - 07/07/25	19	0	CI around median	52	52.0
APW17	UA	E010	Chromium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.0015	0.0110
APW17	UA	E010	Cobalt, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.00430
APW17	UA	E010	Fluoride, total	mg/L	02/23/21 - 07/07/25	19	10	CI around mean	0.425	0.633
APW17	UA	E010	Lead, total	mg/L	02/23/21 - 07/07/25	19	95	CI around median	0.001	0.00740
APW17	UA	E010	Lithium, total	mg/L	02/23/21 - 07/07/25	19	90	CB around T-S line	-0.00607	0.0300
APW17	UA	E010	Mercury, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.0002	0.0002
APW17	UA	E010	Molybdenum, total	mg/L	02/23/21 - 07/07/25	18	0	CI around median	0.0049	0.0180
APW17	UA	E010	pH (field)	SU	02/23/21 - 07/07/25	19	0	CI around mean	7.2/7.5	6.4/7.8
APW17	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 07/07/25	18	0	CI around mean	1.29	6.90
APW17	UA	E010	Selenium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.001

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 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	E010	Sulfate, total	mg/L	02/23/21 - 07/07/25	19	5	CB around T-S line	65.4	35.8
APW17	UA	E010	Thallium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.002	0.001
APW17	UA	E010	Total Dissolved Solids	mg/L	02/23/21 - 07/07/25	19	0	CB around linear reg	683	628
APW18	UA	E010	Antimony, total	mg/L	02/23/21 - 07/07/25	19	95	CB around T-S line	-0.000284	0.003
APW18	UA	E010	Arsenic, total	mg/L	02/23/21 - 07/07/25	19	5	CI around mean	0.00178	0.0590
APW18	UA	E010	Barium, total	mg/L	02/23/21 - 07/07/25	19	0	CB around linear reg	0.342	0.300
APW18	UA	E010	Beryllium, total	mg/L	02/23/21 - 07/07/25	19	95	CI around median	0.001	0.001
APW18	UA	E010	Boron, total	mg/L	02/23/21 - 07/07/25	19	0	CI around median	0.11	0.260
APW18	UA	E010	Cadmium, total	mg/L	02/23/21 - 07/07/25	19	95	CI around median	0.001	0.001
APW18	UA	E010	Chloride, total	mg/L	02/23/21 - 07/07/25	19	0	CB around T-S line	-12	52.0
APW18	UA	E010	Chromium, total	mg/L	02/23/21 - 07/07/25	19	74	CB around T-S line	-0.00157	0.0110
APW18	UA	E010	Cobalt, total	mg/L	02/23/21 - 07/07/25	19	84	CB around T-S line	-0.00035	0.00430
APW18	UA	E010	Fluoride, total	mg/L	02/23/21 - 07/07/25	19	5	CI around median	0.54	0.633
APW18	UA	E010	Lead, total	mg/L	02/23/21 - 07/07/25	19	68	CB around T-S line	-0.00471	0.00740
APW18	UA	E010	Lithium, total	mg/L	02/23/21 - 07/07/25	19	53	CB around T-S line	-0.000637	0.0300
APW18	UA	E010	Mercury, total	mg/L	02/23/21 - 07/07/25	19	95	CI around median	0.0002	0.0002
APW18	UA	E010	Molybdenum, total	mg/L	02/23/21 - 07/07/25	18	0	CB around T-S line	-0.0277	0.0180
APW18	UA	E010	pH (field)	SU	02/23/21 - 07/07/25	19	0	CI around mean	7.5/7.7	6.4/7.8
APW18	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 07/07/25	18	0	CI around mean	1.41	6.90
APW18	UA	E010	Selenium, total	mg/L	02/23/21 - 07/07/25	19	95	CI around median	0.001	0.001
APW18	UA	E010	Sulfate, total	mg/L	02/23/21 - 07/07/25	19	10	CI around median	4.8	35.8
APW18	UA	E010	Thallium, total	mg/L	02/23/21 - 07/07/25	19	90	CB around T-S line	0.001	0.001
APW18	UA	E010	Total Dissolved Solids	mg/L	02/23/21 - 07/07/25	19	0	CI around median	535	628

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 3, 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) 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:

E010 = Quarter 3, 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 linear reg = Confidence band around linear regression

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

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