

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

January 13, 2026

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 4, 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 4, 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 4, 2025
PRIMARY ASH POND, NEWTON POWER PLANT, NEWTON, ILLINOIS

January 13, 2026

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 November 14, 2025.

The monitoring well locations are included in **Figure 1. Attachment A** summarizes the groundwater elevation data for the Quarter 4, 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 4, 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 4, 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 4, 2025
Table 2	Evaluation of Compliance - Quarter 4, 2025

FIGURES

Figure 1	Monitoring Well Location Map
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ATTACHMENTS

Attachment A	Groundwater Elevation Data - Quarter 4, 2025
Attachment B	Laboratory Reports and Field Data Sheets - Quarter 4, 2025
Attachment C	Comparison to Background - Quarter 4, 2025

TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 4, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW05	Background	E011	10/07/2025	Antimony, total	0.0004 U	mg/L
APW05	Background	E011	10/07/2025	Arsenic, total	0.00770	mg/L
APW05	Background	E011	10/07/2025	Barium, total	0.235	mg/L
APW05	Background	E011	10/07/2025	Beryllium, total	0.0002 U	mg/L
APW05	Background	E011	10/07/2025	Boron, total	0.0402 J+	mg/L
APW05	Background	E011	10/07/2025	Cadmium, total	0.0002 U	mg/L
APW05	Background	E011	10/07/2025	Calcium, total	51.7	mg/L
APW05	Background	E011	10/07/2025	Chloride, total	50.1	mg/L
APW05	Background	E011	10/07/2025	Chromium, total	0.0012 J	mg/L
APW05	Background	E011	10/07/2025	Cobalt, total	0.0002 J	mg/L
APW05	Background	E011	10/07/2025	Dissolved Oxygen	3.11	mg/L
APW05	Background	E011	10/07/2025	Fluoride, total	0.31 J	mg/L
APW05	Background	E011	10/07/2025	Lead, total	0.0006 U	mg/L
APW05	Background	E011	10/07/2025	Lithium, total	0.00910	mg/L
APW05	Background	E011	10/07/2025	Mercury, total	0.00006 U	mg/L
APW05	Background	E011	10/07/2025	Molybdenum, total	0.0116 J+	mg/L
APW05	Background	E011	10/07/2025	Oxidation Reduction Potential	131	mV
APW05	Background	E011	10/07/2025	pH (field)	7.2	SU
APW05	Background	E011	10/07/2025	Radium 226 + Radium 228, total	0.661	pCi/L
APW05	Background	E011	10/07/2025	Selenium, total	0.0006 U	mg/L
APW05	Background	E011	10/07/2025	Specific Conductance @ 25C (field)	1,140	micromhos/cm
APW05	Background	E011	10/07/2025	Sulfate, total	9.9 J	mg/L
APW05	Background	E011	10/07/2025	Temperature	17.3	degrees C
APW05	Background	E011	10/07/2025	Thallium, total	0.001 U	mg/L
APW05	Background	E011	10/07/2025	Total Dissolved Solids	578	mg/L
APW05	Background	E011	10/07/2025	Turbidity, field	1 U	NTU
APW06	Background	E011	10/07/2025	Antimony, total	0.001 UJ	mg/L
APW06	Background	E011	10/07/2025	Arsenic, total	0.00460	mg/L
APW06	Background	E011	10/07/2025	Barium, total	0.220	mg/L
APW06	Background	E011	10/07/2025	Beryllium, total	0.0003 J	mg/L
APW06	Background	E011	10/07/2025	Boron, total	0.0421 J+	mg/L
APW06	Background	E011	10/07/2025	Cadmium, total	0.0002 J	mg/L
APW06	Background	E011	10/07/2025	Calcium, total	57.2	mg/L
APW06	Background	E011	10/07/2025	Chloride, total	24.2	mg/L
APW06	Background	E011	10/07/2025	Chromium, total	0.001 J	mg/L
APW06	Background	E011	10/07/2025	Cobalt, total	0.0003 J	mg/L
APW06	Background	E011	10/07/2025	Dissolved Oxygen	1.03	mg/L
APW06	Background	E011	10/07/2025	Fluoride, total	0.32 J	mg/L
APW06	Background	E011	10/07/2025	Lead, total	0.0006 U	mg/L
APW06	Background	E011	10/07/2025	Lithium, total	0.0122	mg/L
APW06	Background	E011	10/07/2025	Mercury, total	0.00006 U	mg/L
APW06	Background	E011	10/07/2025	Molybdenum, total	0.00740 J+	mg/L
APW06	Background	E011	10/07/2025	Oxidation Reduction Potential	100	mV
APW06	Background	E011	10/07/2025	pH (field)	7.5	SU
APW06	Background	E011	10/07/2025	Radium 226 + Radium 228, total	0.811	pCi/L
APW06	Background	E011	10/07/2025	Selenium, total	0.0006 U	mg/L

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PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW06	Background	E011	10/07/2025	Specific Conductance @ 25C (field)	1,100	micromhos/cm
APW06	Background	E011	10/07/2025	Sulfate, total	7.4 J	mg/L
APW06	Background	E011	10/07/2025	Temperature	19.3	degrees C
APW06	Background	E011	10/07/2025	Thallium, total	0.001 U	mg/L
APW06	Background	E011	10/07/2025	Total Dissolved Solids	528	mg/L
APW06	Background	E011	10/07/2025	Turbidity, field	5.30	NTU
APW02	Compliance	E011	10/07/2025	Antimony, total	0.0004 U	mg/L
APW02	Compliance	E011	10/07/2025	Arsenic, total	0.00130	mg/L
APW02	Compliance	E011	10/07/2025	Barium, total	0.0139	mg/L
APW02	Compliance	E011	10/07/2025	Beryllium, total	0.0002 U	mg/L
APW02	Compliance	E011	10/07/2025	Boron, total	0.0666 J+	mg/L
APW02	Compliance	E011	10/07/2025	Cadmium, total	0.0002 U	mg/L
APW02	Compliance	E011	10/07/2025	Calcium, total	496	mg/L
APW02	Compliance	E011	10/07/2025	Chloride, total	111	mg/L
APW02	Compliance	E011	10/07/2025	Chromium, total	0.001 J	mg/L
APW02	Compliance	E011	10/07/2025	Cobalt, total	0.00840 J	mg/L
APW02	Compliance	E011	10/07/2025	Dissolved Oxygen	1.23	mg/L
APW02	Compliance	E011	10/07/2025	Fluoride, total	0.04 U	mg/L
APW02	Compliance	E011	10/07/2025	Lead, total	0.0006 U	mg/L
APW02	Compliance	E011	10/07/2025	Lithium, total	0.127	mg/L
APW02	Compliance	E011	10/07/2025	Mercury, total	0.00006 U	mg/L
APW02	Compliance	E011	10/07/2025	Molybdenum, total	0.0015 UJ	mg/L
APW02	Compliance	E011	10/07/2025	Oxidation Reduction Potential	144	mV
APW02	Compliance	E011	10/07/2025	pH (field)	6.2	SU
APW02	Compliance	E011	10/07/2025	Radium 226 + Radium 228, total	1.59	pCi/L
APW02	Compliance	E011	10/07/2025	Selenium, total	0.0006 U	mg/L
APW02	Compliance	E011	10/07/2025	Specific Conductance @ 25C (field)	5,600	micromhos/cm
APW02	Compliance	E011	10/07/2025	Sulfate, total	3,230	mg/L
APW02	Compliance	E011	10/07/2025	Temperature	19.1	degrees C
APW02	Compliance	E011	10/07/2025	Thallium, total	0.001 U	mg/L
APW02	Compliance	E011	10/07/2025	Total Dissolved Solids	5,280	mg/L
APW02	Compliance	E011	10/07/2025	Turbidity, field	3.40	NTU
APW03	Compliance	E011	10/07/2025	Antimony, total	0.0004 U	mg/L
APW03	Compliance	E011	10/07/2025	Arsenic, total	0.0006 J	mg/L
APW03	Compliance	E011	10/07/2025	Barium, total	0.0903	mg/L
APW03	Compliance	E011	10/07/2025	Beryllium, total	0.0002 U	mg/L
APW03	Compliance	E011	10/07/2025	Boron, total	0.426	mg/L
APW03	Compliance	E011	10/07/2025	Cadmium, total	0.0002 U	mg/L
APW03	Compliance	E011	10/07/2025	Calcium, total	83.4	mg/L
APW03	Compliance	E011	10/07/2025	Chloride, total	7.49	mg/L
APW03	Compliance	E011	10/07/2025	Chromium, total	0.0007 U	mg/L
APW03	Compliance	E011	10/07/2025	Cobalt, total	0.0001 U	mg/L
APW03	Compliance	E011	10/07/2025	Dissolved Oxygen	1.01	mg/L
APW03	Compliance	E011	10/07/2025	Fluoride, total	0.07 J	mg/L
APW03	Compliance	E011	10/07/2025	Lead, total	0.0006 U	mg/L
APW03	Compliance	E011	10/07/2025	Lithium, total	0.0101	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW03	Compliance	E011	10/07/2025	Mercury, total	0.00006 U	mg/L
APW03	Compliance	E011	10/07/2025	Molybdenum, total	0.0015 UJ	mg/L
APW03	Compliance	E011	10/07/2025	Oxidation Reduction Potential	13.0	mV
APW03	Compliance	E011	10/07/2025	pH (field)	6.7	SU
APW03	Compliance	E011	10/07/2025	Radium 226 + Radium 228, total	0.656	pCi/L
APW03	Compliance	E011	10/07/2025	Selenium, total	0.0006 U	mg/L
APW03	Compliance	E011	10/07/2025	Specific Conductance @ 25C (field)	941	micromhos/cm
APW03	Compliance	E011	10/07/2025	Sulfate, total	150	mg/L
APW03	Compliance	E011	10/07/2025	Temperature	20.6	degrees C
APW03	Compliance	E011	10/07/2025	Thallium, total	0.001 U	mg/L
APW03	Compliance	E011	10/07/2025	Total Dissolved Solids	625	mg/L
APW03	Compliance	E011	10/07/2025	Turbidity, field	2.60	NTU
APW04	Compliance	E011	10/07/2025	Antimony, total	0.0004 U	mg/L
APW04	Compliance	E011	10/07/2025	Arsenic, total	0.0004 J	mg/L
APW04	Compliance	E011	10/07/2025	Barium, total	0.0180	mg/L
APW04	Compliance	E011	10/07/2025	Beryllium, total	0.0003 J	mg/L
APW04	Compliance	E011	10/07/2025	Boron, total	0.0092 U	mg/L
APW04	Compliance	E011	10/07/2025	Cadmium, total	0.0002 U	mg/L
APW04	Compliance	E011	10/07/2025	Calcium, total	216	mg/L
APW04	Compliance	E011	10/07/2025	Chloride, total	37.1	mg/L
APW04	Compliance	E011	10/07/2025	Chromium, total	0.0007 J	mg/L
APW04	Compliance	E011	10/07/2025	Cobalt, total	0.0003 J	mg/L
APW04	Compliance	E011	10/07/2025	Dissolved Oxygen	1.03	mg/L
APW04	Compliance	E011	10/07/2025	Fluoride, total	0.04 U	mg/L
APW04	Compliance	E011	10/07/2025	Lead, total	0.0006 U	mg/L
APW04	Compliance	E011	10/07/2025	Lithium, total	0.0234	mg/L
APW04	Compliance	E011	10/07/2025	Mercury, total	0.00006 U	mg/L
APW04	Compliance	E011	10/07/2025	Molybdenum, total	0.0015 UJ	mg/L
APW04	Compliance	E011	10/07/2025	Oxidation Reduction Potential	115	mV
APW04	Compliance	E011	10/07/2025	pH (field)	6.6	SU
APW04	Compliance	E011	10/07/2025	Radium 226 + Radium 228, total	0.505	pCi/L
APW04	Compliance	E011	10/07/2025	Selenium, total	0.0006 U	mg/L
APW04	Compliance	E011	10/07/2025	Specific Conductance @ 25C (field)	2,210	micromhos/cm
APW04	Compliance	E011	10/07/2025	Sulfate, total	884	mg/L
APW04	Compliance	E011	10/07/2025	Temperature	20.5	degrees C
APW04	Compliance	E011	10/07/2025	Thallium, total	0.001 U	mg/L
APW04	Compliance	E011	10/07/2025	Total Dissolved Solids	1,800	mg/L
APW04	Compliance	E011	10/07/2025	Turbidity, field	63.0	NTU
APW05S	Compliance	E011	10/07/2025	Antimony, total	0.0004 U	mg/L
APW05S	Compliance	E011	10/07/2025	Arsenic, total	0.0006 J	mg/L
APW05S	Compliance	E011	10/07/2025	Barium, total	0.0345	mg/L
APW05S	Compliance	E011	10/07/2025	Beryllium, total	0.0003 J	mg/L
APW05S	Compliance	E011	10/07/2025	Boron, total	0.0572 J+	mg/L
APW05S	Compliance	E011	10/07/2025	Cadmium, total	0.0002 U	mg/L
APW05S	Compliance	E011	10/07/2025	Calcium, total	365	mg/L
APW05S	Compliance	E011	10/07/2025	Chloride, total	146	mg/L

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APW05S	Compliance	E011	10/07/2025	Chromium, total	0.0007 U	mg/L
APW05S	Compliance	E011	10/07/2025	Cobalt, total	0.0004 J	mg/L
APW05S	Compliance	E011	10/07/2025	Dissolved Oxygen	1.54	mg/L
APW05S	Compliance	E011	10/07/2025	Fluoride, total	0.2 J	mg/L
APW05S	Compliance	E011	10/07/2025	Lead, total	0.0006 U	mg/L
APW05S	Compliance	E011	10/07/2025	Lithium, total	0.0419	mg/L
APW05S	Compliance	E011	10/07/2025	Mercury, total	0.00006 U	mg/L
APW05S	Compliance	E011	10/07/2025	Molybdenum, total	0.00260 J+	mg/L
APW05S	Compliance	E011	10/07/2025	Oxidation Reduction Potential	126	mV
APW05S	Compliance	E011	10/07/2025	pH (field)	6.6	SU
APW05S	Compliance	E011	10/07/2025	Radium 226 + Radium 228, total	0.57	pCi/L
APW05S	Compliance	E011	10/07/2025	Selenium, total	0.0006 U	mg/L
APW05S	Compliance	E011	10/07/2025	Specific Conductance @ 25C (field)	3,530	micromhos/cm
APW05S	Compliance	E011	10/07/2025	Sulfate, total	2,040	mg/L
APW05S	Compliance	E011	10/07/2025	Temperature	22.2	degrees C
APW05S	Compliance	E011	10/07/2025	Thallium, total	0.001 U	mg/L
APW05S	Compliance	E011	10/07/2025	Total Dissolved Solids	3,600	mg/L
APW05S	Compliance	E011	10/07/2025	Turbidity, field	42.0	NTU
APW07	Compliance	E011	10/13/2025	Antimony, total	0.001 UJ	mg/L
APW07	Compliance	E011	10/13/2025	Arsenic, total	0.0277	mg/L
APW07	Compliance	E011	10/13/2025	Barium, total	0.490	mg/L
APW07	Compliance	E011	10/13/2025	Beryllium, total	0.0008 J	mg/L
APW07	Compliance	E011	10/13/2025	Boron, total	0.0802 J+	mg/L
APW07	Compliance	E011	10/13/2025	Cadmium, total	0.0006 J	mg/L
APW07	Compliance	E011	10/13/2025	Calcium, total	216	mg/L
APW07	Compliance	E011	10/13/2025	Chloride, total	62.7	mg/L
APW07	Compliance	E011	10/13/2025	Chromium, total	0.0240	mg/L
APW07	Compliance	E011	10/13/2025	Cobalt, total	0.00760	mg/L
APW07	Compliance	E011	10/13/2025	Dissolved Oxygen	0.740	mg/L
APW07	Compliance	E011	10/13/2025	Fluoride, total	0.34 J	mg/L
APW07	Compliance	E011	10/13/2025	Lead, total	0.00870	mg/L
APW07	Compliance	E011	10/13/2025	Lithium, total	0.00920	mg/L
APW07	Compliance	E011	10/13/2025	Mercury, total	0.00006 U	mg/L
APW07	Compliance	E011	10/13/2025	Molybdenum, total	0.00640 J+	mg/L
APW07	Compliance	E011	10/13/2025	Oxidation Reduction Potential	-145	mV
APW07	Compliance	E011	10/13/2025	pH (field)	7.2	SU
APW07	Compliance	E011	10/13/2025	Radium 226 + Radium 228, total	2.94	pCi/L
APW07	Compliance	E011	10/13/2025	Selenium, total	0.0006 U	mg/L
APW07	Compliance	E011	10/13/2025	Specific Conductance @ 25C (field)	1,060	micromhos/cm
APW07	Compliance	E011	10/13/2025	Sulfate, total	16.2	mg/L
APW07	Compliance	E011	10/13/2025	Temperature	17.4	degrees C
APW07	Compliance	E011	10/13/2025	Thallium, total	0.001 U	mg/L
APW07	Compliance	E011	10/13/2025	Total Dissolved Solids	672	mg/L
APW07	Compliance	E011	10/13/2025	Turbidity, field	320	NTU
APW08	Compliance	E011	10/07/2025	Antimony, total	0.0004 U	mg/L
APW08	Compliance	E011	10/07/2025	Arsenic, total	0.0195	mg/L

TABLE 1.
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW08	Compliance	E011	10/07/2025	Barium, total	0.426	mg/L
APW08	Compliance	E011	10/07/2025	Beryllium, total	0.0002 U	mg/L
APW08	Compliance	E011	10/07/2025	Boron, total	0.0252 J+	mg/L
APW08	Compliance	E011	10/07/2025	Cadmium, total	0.0002 U	mg/L
APW08	Compliance	E011	10/07/2025	Calcium, total	106	mg/L
APW08	Compliance	E011	10/07/2025	Chloride, total	58.1	mg/L
APW08	Compliance	E011	10/07/2025	Chromium, total	0.00250	mg/L
APW08	Compliance	E011	10/07/2025	Cobalt, total	0.00120	mg/L
APW08	Compliance	E011	10/07/2025	Dissolved Oxygen	1.36	mg/L
APW08	Compliance	E011	10/07/2025	Fluoride, total	0.18 J	mg/L
APW08	Compliance	E011	10/07/2025	Lead, total	0.0008 J	mg/L
APW08	Compliance	E011	10/07/2025	Lithium, total	0.00370	mg/L
APW08	Compliance	E011	10/07/2025	Mercury, total	0.00006 U	mg/L
APW08	Compliance	E011	10/07/2025	Molybdenum, total	0.00500 J+	mg/L
APW08	Compliance	E011	10/07/2025	Oxidation Reduction Potential	179	mV
APW08	Compliance	E011	10/07/2025	pH (field)	7.0	SU
APW08	Compliance	E011	10/07/2025	Radium 226 + Radium 228, total	0.802	pCi/L
APW08	Compliance	E011	10/07/2025	Selenium, total	0.0006 U	mg/L
APW08	Compliance	E011	10/07/2025	Specific Conductance @ 25C (field)	1,220	micromhos/cm
APW08	Compliance	E011	10/07/2025	Sulfate, total	52.4	mg/L
APW08	Compliance	E011	10/07/2025	Temperature	17.3	degrees C
APW08	Compliance	E011	10/07/2025	Thallium, total	0.001 U	mg/L
APW08	Compliance	E011	10/07/2025	Total Dissolved Solids	662	mg/L
APW08	Compliance	E011	10/07/2025	Turbidity, field	5.00	NTU
APW09	Compliance	E011	10/07/2025	Antimony, total	0.001 UJ	mg/L
APW09	Compliance	E011	10/07/2025	Arsenic, total	0.00930	mg/L
APW09	Compliance	E011	10/07/2025	Barium, total	0.434	mg/L
APW09	Compliance	E011	10/07/2025	Beryllium, total	0.0002 U	mg/L
APW09	Compliance	E011	10/07/2025	Boron, total	0.0453 J+	mg/L
APW09	Compliance	E011	10/07/2025	Cadmium, total	0.0002 U	mg/L
APW09	Compliance	E011	10/07/2025	Calcium, total	79.0	mg/L
APW09	Compliance	E011	10/07/2025	Chloride, total	145	mg/L
APW09	Compliance	E011	10/07/2025	Chromium, total	0.0007 U	mg/L
APW09	Compliance	E011	10/07/2025	Cobalt, total	0.0005 J	mg/L
APW09	Compliance	E011	10/07/2025	Dissolved Oxygen	1.82	mg/L
APW09	Compliance	E011	10/07/2025	Fluoride, total	0.28 J	mg/L
APW09	Compliance	E011	10/07/2025	Lead, total	0.0006 U	mg/L
APW09	Compliance	E011	10/07/2025	Lithium, total	0.00770	mg/L
APW09	Compliance	E011	10/07/2025	Mercury, total	0.00006 U	mg/L
APW09	Compliance	E011	10/07/2025	Molybdenum, total	0.00510 J+	mg/L
APW09	Compliance	E011	10/07/2025	Oxidation Reduction Potential	45.0	mV
APW09	Compliance	E011	10/07/2025	pH (field)	7.4	SU
APW09	Compliance	E011	10/07/2025	Radium 226 + Radium 228, total	1.32	pCi/L
APW09	Compliance	E011	10/07/2025	Selenium, total	0.0006 U	mg/L
APW09	Compliance	E011	10/07/2025	Specific Conductance @ 25C (field)	1,430	micromhos/cm
APW09	Compliance	E011	10/07/2025	Sulfate, total	6.4 J	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW09	Compliance	E011	10/07/2025	Temperature	21.6	degrees C
APW09	Compliance	E011	10/07/2025	Thallium, total	0.001 U	mg/L
APW09	Compliance	E011	10/07/2025	Total Dissolved Solids	832	mg/L
APW09	Compliance	E011	10/07/2025	Turbidity, field	2.00	NTU
APW10	Compliance	E011	10/07/2025	Antimony, total	0.0004 U	mg/L
APW10	Compliance	E011	10/07/2025	Arsenic, total	0.00830	mg/L
APW10	Compliance	E011	10/07/2025	Barium, total	0.0290	mg/L
APW10	Compliance	E011	10/07/2025	Beryllium, total	0.0002 U	mg/L
APW10	Compliance	E011	10/07/2025	Boron, total	0.025 UJ	mg/L
APW10	Compliance	E011	10/07/2025	Cadmium, total	0.0002 U	mg/L
APW10	Compliance	E011	10/07/2025	Calcium, total	143	mg/L
APW10	Compliance	E011	10/07/2025	Chloride, total	46.9	mg/L
APW10	Compliance	E011	10/07/2025	Chromium, total	0.00150 J	mg/L
APW10	Compliance	E011	10/07/2025	Cobalt, total	0.0003 J	mg/L
APW10	Compliance	E011	10/07/2025	Dissolved Oxygen	0.880	mg/L
APW10	Compliance	E011	10/07/2025	Fluoride, total	0.12 J	mg/L
APW10	Compliance	E011	10/07/2025	Lead, total	0.0006 U	mg/L
APW10	Compliance	E011	10/07/2025	Lithium, total	0.0222	mg/L
APW10	Compliance	E011	10/07/2025	Mercury, total	0.00006 U	mg/L
APW10	Compliance	E011	10/07/2025	Molybdenum, total	0.00750 J+	mg/L
APW10	Compliance	E011	10/07/2025	Oxidation Reduction Potential	121	mV
APW10	Compliance	E011	10/07/2025	pH (field)	7.1	SU
APW10	Compliance	E011	10/07/2025	Radium 226 + Radium 228, total	0.786	pCi/L
APW10	Compliance	E011	10/07/2025	Selenium, total	0.0006 U	mg/L
APW10	Compliance	E011	10/07/2025	Specific Conductance @ 25C (field)	1,610	micromhos/cm
APW10	Compliance	E011	10/07/2025	Sulfate, total	436	mg/L
APW10	Compliance	E011	10/07/2025	Temperature	15.5	degrees C
APW10	Compliance	E011	10/07/2025	Thallium, total	0.001 U	mg/L
APW10	Compliance	E011	10/07/2025	Total Dissolved Solids	1,090	mg/L
APW10	Compliance	E011	10/07/2025	Turbidity, field	13.0	NTU
APW11	Compliance	E011	10/07/2025	Antimony, total	0.0004 U	mg/L
APW11	Compliance	E011	10/07/2025	Arsenic, total	0.00270	mg/L
APW11	Compliance	E011	10/07/2025	Barium, total	0.0380	mg/L
APW11	Compliance	E011	10/07/2025	Beryllium, total	0.0002 U	mg/L
APW11	Compliance	E011	10/07/2025	Boron, total	0.0634 J+	mg/L
APW11	Compliance	E011	10/07/2025	Cadmium, total	0.0002 U	mg/L
APW11	Compliance	E011	10/07/2025	Calcium, total	128	mg/L
APW11	Compliance	E011	10/07/2025	Chloride, total	25.9	mg/L
APW11	Compliance	E011	10/07/2025	Chromium, total	0.0007 U	mg/L
APW11	Compliance	E011	10/07/2025	Cobalt, total	0.0001 J	mg/L
APW11	Compliance	E011	10/07/2025	Dissolved Oxygen	0.960	mg/L
APW11	Compliance	E011	10/07/2025	Fluoride, total	0.18 J	mg/L
APW11	Compliance	E011	10/07/2025	Lead, total	0.0006 U	mg/L
APW11	Compliance	E011	10/07/2025	Lithium, total	0.0211	mg/L
APW11	Compliance	E011	10/07/2025	Mercury, total	0.00006 U	mg/L
APW11	Compliance	E011	10/07/2025	Molybdenum, total	0.00550 J+	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW11	Compliance	E011	10/07/2025	Oxidation Reduction Potential	-52.0	mV
APW11	Compliance	E011	10/07/2025	pH (field)	6.9	SU
APW11	Compliance	E011	10/07/2025	Radium 226 + Radium 228, total	0.524	pCi/L
APW11	Compliance	E011	10/07/2025	Selenium, total	0.0006 U	mg/L
APW11	Compliance	E011	10/07/2025	Specific Conductance @ 25C (field)	1,250	micromhos/cm
APW11	Compliance	E011	10/07/2025	Sulfate, total	298	mg/L
APW11	Compliance	E011	10/07/2025	Temperature	16.2	degrees C
APW11	Compliance	E011	10/07/2025	Thallium, total	0.001 U	mg/L
APW11	Compliance	E011	10/07/2025	Total Dissolved Solids	880	mg/L
APW11	Compliance	E011	10/07/2025	Turbidity, field	40.0	NTU
APW12	Compliance	E011	10/07/2025	Antimony, total	0.0004 U	mg/L
APW12	Compliance	E011	10/07/2025	Arsenic, total	0.0005 J	mg/L
APW12	Compliance	E011	10/07/2025	Barium, total	0.0287	mg/L
APW12	Compliance	E011	10/07/2025	Beryllium, total	0.0002 U	mg/L
APW12	Compliance	E011	10/07/2025	Boron, total	0.918	mg/L
APW12	Compliance	E011	10/07/2025	Cadmium, total	0.0002 U	mg/L
APW12	Compliance	E011	10/07/2025	Calcium, total	262	mg/L
APW12	Compliance	E011	10/07/2025	Chloride, total	28.2	mg/L
APW12	Compliance	E011	10/07/2025	Chromium, total	0.0007 U	mg/L
APW12	Compliance	E011	10/07/2025	Cobalt, total	0.0006 J	mg/L
APW12	Compliance	E011	10/07/2025	Dissolved Oxygen	2.02	mg/L
APW12	Compliance	E011	10/07/2025	Fluoride, total	0.04 U	mg/L
APW12	Compliance	E011	10/07/2025	Lead, total	0.0006 U	mg/L
APW12	Compliance	E011	10/07/2025	Lithium, total	0.0306	mg/L
APW12	Compliance	E011	10/07/2025	Mercury, total	0.00006 U	mg/L
APW12	Compliance	E011	10/07/2025	Molybdenum, total	0.0006 U	mg/L
APW12	Compliance	E011	10/07/2025	Oxidation Reduction Potential	136	mV
APW12	Compliance	E011	10/07/2025	pH (field)	6.3	SU
APW12	Compliance	E011	10/07/2025	Radium 226 + Radium 228, total	0.27	pCi/L
APW12	Compliance	E011	10/07/2025	Selenium, total	0.0006 U	mg/L
APW12	Compliance	E011	10/07/2025	Specific Conductance @ 25C (field)	2,230	micromhos/cm
APW12	Compliance	E011	10/07/2025	Sulfate, total	913	mg/L
APW12	Compliance	E011	10/07/2025	Temperature	18.0	degrees C
APW12	Compliance	E011	10/07/2025	Thallium, total	0.001 U	mg/L
APW12	Compliance	E011	10/07/2025	Total Dissolved Solids	1,910	mg/L
APW12	Compliance	E011	10/07/2025	Turbidity, field	1 U	NTU
APW13	Compliance	E011	10/07/2025	Antimony, total	0.0004 U	mg/L
APW13	Compliance	E011	10/07/2025	Arsenic, total	0.00500	mg/L
APW13	Compliance	E011	10/07/2025	Barium, total	0.0578	mg/L
APW13	Compliance	E011	10/07/2025	Beryllium, total	0.0002 U	mg/L
APW13	Compliance	E011	10/07/2025	Boron, total	0.116	mg/L
APW13	Compliance	E011	10/07/2025	Cadmium, total	0.0002 U	mg/L
APW13	Compliance	E011	10/07/2025	Calcium, total	118	mg/L
APW13	Compliance	E011	10/07/2025	Chloride, total	51.9	mg/L
APW13	Compliance	E011	10/07/2025	Chromium, total	0.0007 U	mg/L
APW13	Compliance	E011	10/07/2025	Cobalt, total	0.0001 U	mg/L

TABLE 1.
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW13	Compliance	E011	10/07/2025	Dissolved Oxygen	1.50	mg/L
APW13	Compliance	E011	10/07/2025	Fluoride, total	0.27 J	mg/L
APW13	Compliance	E011	10/07/2025	Lead, total	0.0006 U	mg/L
APW13	Compliance	E011	10/07/2025	Lithium, total	0.0226	mg/L
APW13	Compliance	E011	10/07/2025	Mercury, total	0.00006 U	mg/L
APW13	Compliance	E011	10/07/2025	Molybdenum, total	0.00690 J+	mg/L
APW13	Compliance	E011	10/07/2025	Oxidation Reduction Potential	-104	mV
APW13	Compliance	E011	10/07/2025	pH (field)	6.9	SU
APW13	Compliance	E011	10/07/2025	Radium 226 + Radium 228, total	0.524	pCi/L
APW13	Compliance	E011	10/07/2025	Selenium, total	0.0006 U	mg/L
APW13	Compliance	E011	10/07/2025	Specific Conductance @ 25C (field)	1,430	micromhos/cm
APW13	Compliance	E011	10/07/2025	Sulfate, total	264	mg/L
APW13	Compliance	E011	10/07/2025	Temperature	18.4	degrees C
APW13	Compliance	E011	10/07/2025	Thallium, total	0.001 U	mg/L
APW13	Compliance	E011	10/07/2025	Total Dissolved Solids	950	mg/L
APW13	Compliance	E011	10/07/2025	Turbidity, field	28.0	NTU
APW14	Compliance	E011	10/07/2025	Antimony, total	0.0004 U	mg/L
APW14	Compliance	E011	10/07/2025	Arsenic, total	0.00780	mg/L
APW14	Compliance	E011	10/07/2025	Barium, total	0.0559	mg/L
APW14	Compliance	E011	10/07/2025	Beryllium, total	0.0002 U	mg/L
APW14	Compliance	E011	10/07/2025	Boron, total	0.0976 J+	mg/L
APW14	Compliance	E011	10/07/2025	Cadmium, total	0.0002 U	mg/L
APW14	Compliance	E011	10/07/2025	Calcium, total	138	mg/L
APW14	Compliance	E011	10/07/2025	Chloride, total	43.5	mg/L
APW14	Compliance	E011	10/07/2025	Chromium, total	0.0008 J	mg/L
APW14	Compliance	E011	10/07/2025	Cobalt, total	0.0001 U	mg/L
APW14	Compliance	E011	10/07/2025	Dissolved Oxygen	0.970	mg/L
APW14	Compliance	E011	10/07/2025	Fluoride, total	0.09 J	mg/L
APW14	Compliance	E011	10/07/2025	Lead, total	0.0006 U	mg/L
APW14	Compliance	E011	10/07/2025	Lithium, total	0.0180	mg/L
APW14	Compliance	E011	10/07/2025	Mercury, total	0.00006 U	mg/L
APW14	Compliance	E011	10/07/2025	Molybdenum, total	0.00510 J+	mg/L
APW14	Compliance	E011	10/07/2025	Oxidation Reduction Potential	-107	mV
APW14	Compliance	E011	10/07/2025	pH (field)	7.1	SU
APW14	Compliance	E011	10/07/2025	Radium 226 + Radium 228, total	0.303	pCi/L
APW14	Compliance	E011	10/07/2025	Selenium, total	0.0006 U	mg/L
APW14	Compliance	E011	10/07/2025	Specific Conductance @ 25C (field)	1,500	micromhos/cm
APW14	Compliance	E011	10/07/2025	Sulfate, total	381	mg/L
APW14	Compliance	E011	10/07/2025	Temperature	15.9	degrees C
APW14	Compliance	E011	10/07/2025	Thallium, total	0.001 U	mg/L
APW14	Compliance	E011	10/07/2025	Total Dissolved Solids	1,050	mg/L
APW14	Compliance	E011	10/07/2025	Turbidity, field	4.60	NTU
APW15	Compliance	E011	10/07/2025	Antimony, total	0.0004 U	mg/L
APW15	Compliance	E011	10/07/2025	Arsenic, total	0.0309	mg/L
APW15	Compliance	E011	10/07/2025	Barium, total	0.707	mg/L
APW15	Compliance	E011	10/07/2025	Beryllium, total	0.0002 U	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW15	Compliance	E011	10/07/2025	Boron, total	0.125	mg/L
APW15	Compliance	E011	10/07/2025	Cadmium, total	0.0002 U	mg/L
APW15	Compliance	E011	10/07/2025	Calcium, total	98.0	mg/L
APW15	Compliance	E011	10/07/2025	Chloride, total	276	mg/L
APW15	Compliance	E011	10/07/2025	Chromium, total	0.00170	mg/L
APW15	Compliance	E011	10/07/2025	Cobalt, total	0.0008 J	mg/L
APW15	Compliance	E011	10/07/2025	Dissolved Oxygen	1.04	mg/L
APW15	Compliance	E011	10/07/2025	Fluoride, total	0.04 U	mg/L
APW15	Compliance	E011	10/07/2025	Lead, total	0.0006 U	mg/L
APW15	Compliance	E011	10/07/2025	Lithium, total	0.00680	mg/L
APW15	Compliance	E011	10/07/2025	Mercury, total	0.00006 U	mg/L
APW15	Compliance	E011	10/07/2025	Molybdenum, total	0.00470 J+	mg/L
APW15	Compliance	E011	10/07/2025	Oxidation Reduction Potential	-127	mV
APW15	Compliance	E011	10/07/2025	pH (field)	7.0	SU
APW15	Compliance	E011	10/07/2025	Radium 226 + Radium 228, total	2.43	pCi/L
APW15	Compliance	E011	10/07/2025	Selenium, total	0.0006 U	mg/L
APW15	Compliance	E011	10/07/2025	Specific Conductance @ 25C (field)	2,010	micromhos/cm
APW15	Compliance	E011	10/07/2025	Sulfate, total	0.99 U	mg/L
APW15	Compliance	E011	10/07/2025	Temperature	20.9	degrees C
APW15	Compliance	E011	10/07/2025	Thallium, total	0.001 U	mg/L
APW15	Compliance	E011	10/07/2025	Total Dissolved Solids	1,150	mg/L
APW15	Compliance	E011	10/07/2025	Turbidity, field	67.0	NTU
APW16	Compliance	E011	10/07/2025	Antimony, total	0.0004 U	mg/L
APW16	Compliance	E011	10/07/2025	Arsenic, total	0.0254	mg/L
APW16	Compliance	E011	10/07/2025	Barium, total	0.802	mg/L
APW16	Compliance	E011	10/07/2025	Beryllium, total	0.0002 U	mg/L
APW16	Compliance	E011	10/07/2025	Boron, total	0.131	mg/L
APW16	Compliance	E011	10/07/2025	Cadmium, total	0.0002 U	mg/L
APW16	Compliance	E011	10/07/2025	Calcium, total	98.7	mg/L
APW16	Compliance	E011	10/07/2025	Chloride, total	71.1	mg/L
APW16	Compliance	E011	10/07/2025	Chromium, total	0.0011 J	mg/L
APW16	Compliance	E011	10/07/2025	Cobalt, total	0.0002 J	mg/L
APW16	Compliance	E011	10/07/2025	Dissolved Oxygen	1.01	mg/L
APW16	Compliance	E011	10/07/2025	Fluoride, total	0.630	mg/L
APW16	Compliance	E011	10/07/2025	Lead, total	0.0006 U	mg/L
APW16	Compliance	E011	10/07/2025	Lithium, total	0.0019 J	mg/L
APW16	Compliance	E011	10/07/2025	Mercury, total	0.00006 U	mg/L
APW16	Compliance	E011	10/07/2025	Molybdenum, total	0.0006 U	mg/L
APW16	Compliance	E011	10/07/2025	Oxidation Reduction Potential	115	mV
APW16	Compliance	E011	10/07/2025	pH (field)	7.1	SU
APW16	Compliance	E011	10/07/2025	Radium 226 + Radium 228, total	2.14	pCi/L
APW16	Compliance	E011	10/07/2025	Selenium, total	0.0006 U	mg/L
APW16	Compliance	E011	10/07/2025	Specific Conductance @ 25C (field)	1,430	micromhos/cm
APW16	Compliance	E011	10/07/2025	Sulfate, total	2 J	mg/L
APW16	Compliance	E011	10/07/2025	Temperature	17.1	degrees C
APW16	Compliance	E011	10/07/2025	Thallium, total	0.001 U	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW16	Compliance	E011	10/07/2025	Total Dissolved Solids	770	mg/L
APW16	Compliance	E011	10/07/2025	Turbidity, field	8.60	NTU
APW17	Compliance	E011	10/07/2025	Antimony, total	0.0004 U	mg/L
APW17	Compliance	E011	10/07/2025	Arsenic, total	0.0268	mg/L
APW17	Compliance	E011	10/07/2025	Barium, total	0.526	mg/L
APW17	Compliance	E011	10/07/2025	Beryllium, total	0.0002 U	mg/L
APW17	Compliance	E011	10/07/2025	Boron, total	0.0847 J+	mg/L
APW17	Compliance	E011	10/07/2025	Cadmium, total	0.0002 U	mg/L
APW17	Compliance	E011	10/07/2025	Calcium, total	111	mg/L
APW17	Compliance	E011	10/07/2025	Chloride, total	54.4	mg/L
APW17	Compliance	E011	10/07/2025	Chromium, total	0.0007 U	mg/L
APW17	Compliance	E011	10/07/2025	Cobalt, total	0.0002 J	mg/L
APW17	Compliance	E011	10/07/2025	Dissolved Oxygen	0.640	mg/L
APW17	Compliance	E011	10/07/2025	Fluoride, total	0.49 J	mg/L
APW17	Compliance	E011	10/07/2025	Lead, total	0.0006 U	mg/L
APW17	Compliance	E011	10/07/2025	Lithium, total	0.0018 J	mg/L
APW17	Compliance	E011	10/07/2025	Mercury, total	0.00006 U	mg/L
APW17	Compliance	E011	10/07/2025	Molybdenum, total	0.00960 J+	mg/L
APW17	Compliance	E011	10/07/2025	Oxidation Reduction Potential	140	mV
APW17	Compliance	E011	10/07/2025	pH (field)	7.1	SU
APW17	Compliance	E011	10/07/2025	Radium 226 + Radium 228, total	2.02	pCi/L
APW17	Compliance	E011	10/07/2025	Selenium, total	0.0006 U	mg/L
APW17	Compliance	E011	10/07/2025	Specific Conductance @ 25C (field)	1,280	micromhos/cm
APW17	Compliance	E011	10/07/2025	Sulfate, total	65.9	mg/L
APW17	Compliance	E011	10/07/2025	Temperature	17.6	degrees C
APW17	Compliance	E011	10/07/2025	Thallium, total	0.001 U	mg/L
APW17	Compliance	E011	10/07/2025	Total Dissolved Solids	718	mg/L
APW17	Compliance	E011	10/07/2025	Turbidity, field	6.80	NTU
APW18	Compliance	E011	10/07/2025	Antimony, total	0.0004 U	mg/L
APW18	Compliance	E011	10/07/2025	Arsenic, total	0.00180	mg/L
APW18	Compliance	E011	10/07/2025	Barium, total	0.487	mg/L
APW18	Compliance	E011	10/07/2025	Beryllium, total	0.0002 U	mg/L
APW18	Compliance	E011	10/07/2025	Boron, total	0.0998 J+	mg/L
APW18	Compliance	E011	10/07/2025	Cadmium, total	0.0002 U	mg/L
APW18	Compliance	E011	10/07/2025	Calcium, total	77.2	mg/L
APW18	Compliance	E011	10/07/2025	Chloride, total	24.2	mg/L
APW18	Compliance	E011	10/07/2025	Chromium, total	0.0007 U	mg/L
APW18	Compliance	E011	10/07/2025	Cobalt, total	0.0001 U	mg/L
APW18	Compliance	E011	10/07/2025	Dissolved Oxygen	0.520	mg/L
APW18	Compliance	E011	10/07/2025	Fluoride, total	0.640	mg/L
APW18	Compliance	E011	10/07/2025	Lead, total	0.0006 U	mg/L
APW18	Compliance	E011	10/07/2025	Lithium, total	0.00550	mg/L
APW18	Compliance	E011	10/07/2025	Mercury, total	0.00006 U	mg/L
APW18	Compliance	E011	10/07/2025	Molybdenum, total	0.00580 J+	mg/L
APW18	Compliance	E011	10/07/2025	Oxidation Reduction Potential	195	mV
APW18	Compliance	E011	10/07/2025	pH (field)	7.2	SU

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 4, 2025

845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW18	Compliance	E011	10/07/2025	Radium 226 + Radium 228, total	1.35	pCi/L
APW18	Compliance	E011	10/07/2025	Selenium, total	0.0006 U	mg/L
APW18	Compliance	E011	10/07/2025	Specific Conductance @ 25C (field)	1,120	micromhos/cm
APW18	Compliance	E011	10/07/2025	Sulfate, total	52.2	mg/L
APW18	Compliance	E011	10/07/2025	Temperature	16.0	degrees C
APW18	Compliance	E011	10/07/2025	Thallium, total	0.001 U	mg/L
APW18	Compliance	E011	10/07/2025	Total Dissolved Solids	640	mg/L
APW18	Compliance	E011	10/07/2025	Turbidity, field	3.40	NTU

Notes:

C = Celsius
cm = centimeter
Events:

E011 = Quarter 4, 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 4, 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	E011	Antimony, total	mg/L	02/17/21 - 10/07/25	20	95	CB around T-S line	-0.0000798	0.006	Standard	No Exceedance
APW02	UD	E011	Arsenic, total	mg/L	02/17/21 - 10/07/25	20	75	CI around median	0.001	0.0590	Background	No Exceedance
APW02	UD	E011	Barium, total	mg/L	02/17/21 - 10/07/25	20	0	CI around geomean	0.00961	2.0	Standard	No Exceedance
APW02	UD	E011	Beryllium, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW02	UD	E011	Boron, total	mg/L	02/17/21 - 10/07/25	20	0	CB around T-S line	0.0202	2	Standard	No Exceedance
APW02	UD	E011	Cadmium, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW02	UD	E011	Chloride, total	mg/L	02/17/21 - 10/07/25	20	0	CI around mean	95	200	Standard	No Exceedance
APW02	UD	E011	Chromium, total	mg/L	02/17/21 - 10/07/25	20	80	CB around T-S line	0.000132	0.1	Standard	No Exceedance
APW02	UD	E011	Cobalt, total	mg/L	02/17/21 - 10/07/25	20	80	CI around median	0.001	0.006	Standard	No Exceedance
APW02	UD	E011	Fluoride, total	mg/L	02/17/21 - 10/07/25	20	75	CI around median	0.23	4.0	Standard	No Exceedance
APW02	UD	E011	Lead, total	mg/L	02/17/21 - 10/07/25	20	90	CI around median	0.001	0.0075	Standard	No Exceedance
APW02	UD	E011	Lithium, total	mg/L	02/17/21 - 10/07/25	20	0	CI around median	0.098	0.04	Standard	Exceedance
APW02	UD	E011	Mercury, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW02	UD	E011	Molybdenum, total	mg/L	02/17/21 - 10/07/25	19	58	CB around T-S line	0.00123	0.1	Standard	No Exceedance
APW02	UD	E011	pH (field)	SU	02/17/21 - 10/07/25	26	0	CI around mean	6.6/6.8	6.4/9.0	Background/Standard	No Exceedance
APW02	UD	E011	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 10/07/25	19	0	CI around mean	0.397	6.90	Background	No Exceedance
APW02	UD	E011	Selenium, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW02	UD	E011	Sulfate, total	mg/L	02/17/21 - 10/07/25	20	0	CI around median	2,900	400	Standard	Exceedance
APW02	UD	E011	Thallium, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW02	UD	E011	Total Dissolved Solids	mg/L	02/17/21 - 10/07/25	26	0	CI around median	4,800	1,200	Standard	Exceedance
APW03	UD	E011	Antimony, total	mg/L	02/18/21 - 10/07/25	20	95	CB around T-S line	-0.000176	0.006	Standard	No Exceedance
APW03	UD	E011	Arsenic, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.0590	Background	No Exceedance
APW03	UD	E011	Barium, total	mg/L	02/18/21 - 10/07/25	20	0	CB around linear reg	0.0935	2.0	Standard	No Exceedance
APW03	UD	E011	Beryllium, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW03	UD	E011	Boron, total	mg/L	02/18/21 - 10/07/25	20	0	CI around median	0.4	2	Standard	No Exceedance
APW03	UD	E011	Cadmium, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW03	UD	E011	Chloride, total	mg/L	02/18/21 - 10/07/25	20	0	CI around mean	7.88	200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 4, 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	E011	Chromium, total	mg/L	02/18/21 - 10/07/25	20	80	CB around T-S line	0.000246	0.1	Standard	No Exceedance
APW03	UD	E011	Cobalt, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW03	UD	E011	Fluoride, total	mg/L	02/18/21 - 10/07/25	20	70	CI around median	0.25	4.0	Standard	No Exceedance
APW03	UD	E011	Lead, total	mg/L	02/18/21 - 10/07/25	20	95	CI around median	0.001	0.0075	Standard	No Exceedance
APW03	UD	E011	Lithium, total	mg/L	02/18/21 - 10/07/25	20	20	CB around linear reg	0.00323	0.04	Standard	No Exceedance
APW03	UD	E011	Mercury, total	mg/L	02/18/21 - 10/07/25	20	95	CI around median	0.0002	0.002	Standard	No Exceedance
APW03	UD	E011	Molybdenum, total	mg/L	02/18/21 - 10/07/25	19	53	CI around median	0.0014	0.1	Standard	No Exceedance
APW03	UD	E011	pH (field)	SU	02/18/21 - 10/07/25	26	0	CI around mean	6.8/7.1	6.4/9.0	Background/Standard	No Exceedance
APW03	UD	E011	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 10/07/25	19	0	CI around geomean	0.246	6.90	Background	No Exceedance
APW03	UD	E011	Selenium, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW03	UD	E011	Sulfate, total	mg/L	02/18/21 - 10/07/25	20	0	CB around linear reg	79.9	400	Standard	No Exceedance
APW03	UD	E011	Thallium, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW03	UD	E011	Total Dissolved Solids	mg/L	02/18/21 - 10/07/25	26	0	CI around mean	624	1,200	Standard	No Exceedance
APW04	UD	E011	Antimony, total	mg/L	02/18/21 - 10/07/25	20	95	CB around T-S line	-0.0000975	0.006	Standard	No Exceedance
APW04	UD	E011	Arsenic, total	mg/L	02/18/21 - 10/07/25	20	65	CI around median	0.001	0.0590	Background	No Exceedance
APW04	UD	E011	Barium, total	mg/L	02/18/21 - 10/07/25	20	0	CI around mean	0.0178	2.0	Standard	No Exceedance
APW04	UD	E011	Beryllium, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW04	UD	E011	Boron, total	mg/L	02/18/21 - 10/07/25	20	15	CI around median	0.024	2	Standard	No Exceedance
APW04	UD	E011	Cadmium, total	mg/L	02/18/21 - 10/07/25	20	95	CI around median	0.001	0.005	Standard	No Exceedance
APW04	UD	E011	Chloride, total	mg/L	02/18/21 - 10/07/25	20	0	CI around mean	31.8	200	Standard	No Exceedance
APW04	UD	E011	Chromium, total	mg/L	02/18/21 - 10/07/25	20	80	CB around T-S line	0.00033	0.1	Standard	No Exceedance
APW04	UD	E011	Cobalt, total	mg/L	02/18/21 - 10/07/25	20	95	CB around T-S line	0.00043	0.006	Standard	No Exceedance
APW04	UD	E011	Fluoride, total	mg/L	02/18/21 - 10/07/25	20	75	CI around median	0.25	4.0	Standard	No Exceedance
APW04	UD	E011	Lead, total	mg/L	02/18/21 - 10/07/25	20	80	CI around median	0.001	0.0075	Standard	No Exceedance
APW04	UD	E011	Lithium, total	mg/L	02/18/21 - 10/07/25	20	15	CI around median	0.0202	0.04	Standard	No Exceedance
APW04	UD	E011	Mercury, total	mg/L	02/18/21 - 10/07/25	20	95	CI around median	0.0002	0.002	Standard	No Exceedance
APW04	UD	E011	Molybdenum, total	mg/L	02/18/21 - 10/07/25	19	90	CB around T-S line	0.001	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 4, 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	E011	pH (field)	SU	02/18/21 - 10/07/25	26	0	CI around median	6.7/6.9	6.4/9.0	Background/Standard	No Exceedance
APW04	UD	E011	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 10/07/25	19	0	CI around mean	0.311	6.90	Background	No Exceedance
APW04	UD	E011	Selenium, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW04	UD	E011	Sulfate, total	mg/L	02/18/21 - 10/07/25	20	0	CI around median	815	400	Standard	Exceedance
APW04	UD	E011	Thallium, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW04	UD	E011	Total Dissolved Solids	mg/L	02/18/21 - 10/07/25	26	0	CI around median	1,710	1,200	Standard	Exceedance
APW05S	UD	E011	Antimony, total	mg/L	02/17/21 - 10/07/25	19	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW05S	UD	E011	Arsenic, total	mg/L	02/17/21 - 10/07/25	19	58	CI around median	0.001	0.0590	Background	No Exceedance
APW05S	UD	E011	Barium, total	mg/L	02/17/21 - 10/07/25	19	0	CB around T-S line	0.0167	2.0	Standard	No Exceedance
APW05S	UD	E011	Beryllium, total	mg/L	02/17/21 - 10/07/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW05S	UD	E011	Boron, total	mg/L	02/17/21 - 10/07/25	19	0	CI around median	0.04	2	Standard	No Exceedance
APW05S	UD	E011	Cadmium, total	mg/L	02/17/21 - 10/07/25	19	95	CI around median	0.001	0.005	Standard	No Exceedance
APW05S	UD	E011	Chloride, total	mg/L	02/17/21 - 10/07/25	19	0	CB around T-S line	34.9	200	Standard	No Exceedance
APW05S	UD	E011	Chromium, total	mg/L	02/17/21 - 10/07/25	19	84	CB around T-S line	0.0000254	0.1	Standard	No Exceedance
APW05S	UD	E011	Cobalt, total	mg/L	02/17/21 - 10/07/25	19	53	CB around T-S line	-0.000754	0.006	Standard	No Exceedance
APW05S	UD	E011	Fluoride, total	mg/L	02/17/21 - 10/07/25	19	26	CB around T-S line	0.376	4.0	Standard	No Exceedance
APW05S	UD	E011	Lead, total	mg/L	02/17/21 - 10/07/25	19	95	CI around median	0.001	0.0075	Standard	No Exceedance
APW05S	UD	E011	Lithium, total	mg/L	02/17/21 - 10/07/25	19	0	CI around median	0.037	0.04	Standard	No Exceedance
APW05S	UD	E011	Mercury, total	mg/L	02/17/21 - 10/07/25	19	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW05S	UD	E011	Molybdenum, total	mg/L	02/17/21 - 10/07/25	18	44	CI around median	0.0014	0.1	Standard	No Exceedance
APW05S	UD	E011	pH (field)	SU	02/17/21 - 10/07/25	19	0	CI around mean	6.6/6.8	6.4/9.0	Background/Standard	No Exceedance
APW05S	UD	E011	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 10/07/25	18	0	CI around geomean	0.289	6.90	Background	No Exceedance
APW05S	UD	E011	Selenium, total	mg/L	02/17/21 - 10/07/25	19	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW05S	UD	E011	Sulfate, total	mg/L	02/17/21 - 10/07/25	19	0	CI around median	1,790	400	Standard	Exceedance
APW05S	UD	E011	Thallium, total	mg/L	02/17/21 - 10/07/25	19	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW05S	UD	E011	Total Dissolved Solids	mg/L	02/17/21 - 10/07/25	19	0	CI around mean	3,380	1,200	Standard	Exceedance
APW07	UA	E011	Antimony, total	mg/L	12/15/15 - 10/13/25	21	100	All ND - Last	0.001	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 4, 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	E011	Arsenic, total	mg/L	12/15/15 - 10/13/25	22	0	CB around linear reg	0.0132	0.0590	Background	No Exceedance
APW07	UA	E011	Barium, total	mg/L	12/15/15 - 10/13/25	22	0	CB around T-S line	0.459	2.0	Standard	No Exceedance
APW07	UA	E011	Beryllium, total	mg/L	12/15/15 - 10/13/25	21	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW07	UA	E011	Boron, total	mg/L	12/15/15 - 10/13/25	32	0	CI around median	0.0792	2	Standard	No Exceedance
APW07	UA	E011	Cadmium, total	mg/L	12/15/15 - 10/13/25	21	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW07	UA	E011	Chloride, total	mg/L	12/15/15 - 10/13/25	35	0	CB around T-S line	55	200	Standard	No Exceedance
APW07	UA	E011	Chromium, total	mg/L	12/15/15 - 10/13/25	22	46	CI around median	0.0031	0.1	Standard	No Exceedance
APW07	UA	E011	Cobalt, total	mg/L	12/15/15 - 10/13/25	21	71	CI around median	0.001	0.006	Standard	No Exceedance
APW07	UA	E011	Fluoride, total	mg/L	12/15/15 - 10/13/25	32	19	CI around mean	0.375	4.0	Standard	No Exceedance
APW07	UA	E011	Lead, total	mg/L	12/15/15 - 10/13/25	22	59	CI around median	0.001	0.0075	Standard	No Exceedance
APW07	UA	E011	Lithium, total	mg/L	12/15/15 - 10/13/25	22	59	CI around median	0.0042	0.04	Standard	No Exceedance
APW07	UA	E011	Mercury, total	mg/L	12/15/15 - 10/13/25	22	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW07	UA	E011	Molybdenum, total	mg/L	12/15/15 - 10/13/25	21	0	CI around mean	0.00323	0.1	Standard	No Exceedance
APW07	UA	E011	pH (field)	SU	12/15/15 - 10/13/25	34	0	CI around mean	7.1/7.3	6.4/9.0	Background/Standard	No Exceedance
APW07	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 10/13/25	22	0	CI around mean	1.54	6.90	Background	No Exceedance
APW07	UA	E011	Selenium, total	mg/L	12/15/15 - 10/13/25	22	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW07	UA	E011	Sulfate, total	mg/L	12/15/15 - 10/13/25	33	12	CB around T-S line	15.4	400	Standard	No Exceedance
APW07	UA	E011	Thallium, total	mg/L	12/15/15 - 10/13/25	21	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW07	UA	E011	Total Dissolved Solids	mg/L	12/15/15 - 10/13/25	32	0	CB around T-S line	573	1,200	Standard	No Exceedance
APW08	UA	E011	Antimony, total	mg/L	12/15/15 - 10/07/25	21	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW08	UA	E011	Arsenic, total	mg/L	12/15/15 - 10/07/25	22	0	CB around linear reg	0.0201	0.0590	Background	No Exceedance
APW08	UA	E011	Barium, total	mg/L	12/15/15 - 10/07/25	22	0	CB around T-S line	0.429	2.0	Standard	No Exceedance
APW08	UA	E011	Beryllium, total	mg/L	12/15/15 - 10/07/25	21	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW08	UA	E011	Boron, total	mg/L	12/15/15 - 10/07/25	32	0	CI around median	0.083	2	Standard	No Exceedance
APW08	UA	E011	Cadmium, total	mg/L	12/15/15 - 10/07/25	21	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW08	UA	E011	Chloride, total	mg/L	12/15/15 - 10/07/25	34	0	CI around mean	55	200	Standard	No Exceedance
APW08	UA	E011	Chromium, total	mg/L	12/15/15 - 10/07/25	22	50	CI around geomean	0.0021	0.1	Standard	No Exceedance

TABLE 2.
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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	E011	Cobalt, total	mg/L	12/15/15 - 10/07/25	21	67	CI around median	0.001	0.006	Standard	No Exceedance
APW08	UA	E011	Fluoride, total	mg/L	12/15/15 - 10/07/25	32	22	CI around mean	0.377	4.0	Standard	No Exceedance
APW08	UA	E011	Lead, total	mg/L	12/15/15 - 10/07/25	22	64	CI around median	0.001	0.0075	Standard	No Exceedance
APW08	UA	E011	Lithium, total	mg/L	12/15/15 - 10/07/25	22	54	CI around median	0.0034	0.04	Standard	No Exceedance
APW08	UA	E011	Mercury, total	mg/L	12/15/15 - 10/07/25	22	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW08	UA	E011	Molybdenum, total	mg/L	12/15/15 - 10/07/25	21	0	CI around mean	0.00466	0.1	Standard	No Exceedance
APW08	UA	E011	pH (field)	SU	12/15/15 - 10/07/25	35	0	CI around mean	7.2/7.3	6.4/9.0	Background/Standard	No Exceedance
APW08	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 10/07/25	22	0	CI around geomean	0.946	6.90	Background	No Exceedance
APW08	UA	E011	Selenium, total	mg/L	12/15/15 - 10/07/25	22	96	CI around median	0.001	0.05	Standard	No Exceedance
APW08	UA	E011	Sulfate, total	mg/L	12/15/15 - 10/07/25	34	0	CB around linear reg	51.5	400	Standard	No Exceedance
APW08	UA	E011	Thallium, total	mg/L	12/15/15 - 10/07/25	21	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW08	UA	E011	Total Dissolved Solids	mg/L	12/15/15 - 10/07/25	32	0	CB around linear reg	628	1,200	Standard	No Exceedance
APW09	UA	E011	Antimony, total	mg/L	12/15/15 - 10/07/25	21	95	CB around T-S line	0.000485	0.006	Standard	No Exceedance
APW09	UA	E011	Arsenic, total	mg/L	12/15/15 - 10/07/25	22	0	CB around T-S line	0.0132	0.0590	Background	No Exceedance
APW09	UA	E011	Barium, total	mg/L	12/15/15 - 10/07/25	22	0	CI around mean	0.351	2.0	Standard	No Exceedance
APW09	UA	E011	Beryllium, total	mg/L	12/15/15 - 10/07/25	21	95	Most recent sample	0.001	0.004	Standard	No Exceedance
APW09	UA	E011	Boron, total	mg/L	12/15/15 - 10/07/25	32	0	CB around T-S line	0.0941	2	Standard	No Exceedance
APW09	UA	E011	Cadmium, total	mg/L	12/15/15 - 10/07/25	21	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW09	UA	E011	Chloride, total	mg/L	12/15/15 - 10/07/25	34	0	CB around T-S line	130	200	Standard	No Exceedance
APW09	UA	E011	Chromium, total	mg/L	12/15/15 - 10/07/25	22	64	CI around median	0.0015	0.1	Standard	No Exceedance
APW09	UA	E011	Cobalt, total	mg/L	12/15/15 - 10/07/25	21	86	CB around T-S line	0.000752	0.006	Standard	No Exceedance
APW09	UA	E011	Fluoride, total	mg/L	12/15/15 - 10/07/25	33	18	CI around mean	0.43	4.0	Standard	No Exceedance
APW09	UA	E011	Lead, total	mg/L	12/15/15 - 10/07/25	22	59	CI around median	0.001	0.0075	Standard	No Exceedance
APW09	UA	E011	Lithium, total	mg/L	12/15/15 - 10/07/25	22	54	CI around median	0.008	0.04	Standard	No Exceedance
APW09	UA	E011	Mercury, total	mg/L	12/15/15 - 10/07/25	22	91	CI around median	0.0002	0.002	Standard	No Exceedance
APW09	UA	E011	Molybdenum, total	mg/L	12/15/15 - 10/07/25	21	0	CB around linear reg	-0.00133	0.1	Standard	No Exceedance
APW09	UA	E011	pH (field)	SU	12/15/15 - 10/07/25	34	0	CI around median	7.4/7.5	6.4/9.0	Background/Standard	No Exceedance

TABLE 2.
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
APW09	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 10/07/25	22	0	CI around geomean	0.988	6.90	Background	No Exceedance
APW09	UA	E011	Selenium, total	mg/L	12/15/15 - 10/07/25	22	96	CI around median	0.001	0.05	Standard	No Exceedance
APW09	UA	E011	Sulfate, total	mg/L	12/15/15 - 10/07/25	34	18	CI around geomean	4.12	400	Standard	No Exceedance
APW09	UA	E011	Thallium, total	mg/L	12/15/15 - 10/07/25	21	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW09	UA	E011	Total Dissolved Solids	mg/L	12/15/15 - 10/07/25	33	0	CB around T-S line	819	1,200	Standard	No Exceedance
APW10	UA	E011	Antimony, total	mg/L	12/16/15 - 10/07/25	23	96	CB around T-S line	0.000482	0.006	Standard	No Exceedance
APW10	UA	E011	Arsenic, total	mg/L	12/16/15 - 10/07/25	24	4	CI around mean	0.0067	0.0590	Background	No Exceedance
APW10	UA	E011	Barium, total	mg/L	12/16/15 - 10/07/25	24	0	CI around geomean	0.0287	2.0	Standard	No Exceedance
APW10	UA	E011	Beryllium, total	mg/L	12/16/15 - 10/07/25	23	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW10	UA	E011	Boron, total	mg/L	12/16/15 - 10/07/25	34	3	CI around median	0.0702	2	Standard	No Exceedance
APW10	UA	E011	Cadmium, total	mg/L	12/16/15 - 10/07/25	23	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW10	UA	E011	Chloride, total	mg/L	12/16/15 - 10/07/25	35	0	CB around linear reg	41	200	Standard	No Exceedance
APW10	UA	E011	Chromium, total	mg/L	12/16/15 - 10/07/25	24	75	CB around T-S line	0.00162	0.1	Standard	No Exceedance
APW10	UA	E011	Cobalt, total	mg/L	12/16/15 - 10/07/25	23	91	CB around T-S line	0.000748	0.006	Standard	No Exceedance
APW10	UA	E011	Fluoride, total	mg/L	12/16/15 - 10/07/25	34	29	CI around mean	0.264	4.0	Standard	No Exceedance
APW10	UA	E011	Lead, total	mg/L	12/16/15 - 10/07/25	24	88	CI around median	0.001	0.0075	Standard	No Exceedance
APW10	UA	E011	Lithium, total	mg/L	12/16/15 - 10/07/25	24	4	CI around median	0.021	0.04	Standard	No Exceedance
APW10	UA	E011	Mercury, total	mg/L	12/16/15 - 10/07/25	24	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW10	UA	E011	Molybdenum, total	mg/L	12/16/15 - 10/07/25	23	4	CB around T-S line	0.00417	0.1	Standard	No Exceedance
APW10	UA	E011	pH (field)	SU	12/16/15 - 10/07/25	37	0	CI around mean	7.1/7.2	6.4/9.0	Background/Standard	No Exceedance
APW10	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/16/15 - 10/07/25	24	0	CI around geomean	0.428	6.90	Background	No Exceedance
APW10	UA	E011	Selenium, total	mg/L	12/16/15 - 10/07/25	24	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW10	UA	E011	Sulfate, total	mg/L	12/16/15 - 10/07/25	36	0	CI around median	410	400	Standard	Exceedance
APW10	UA	E011	Thallium, total	mg/L	12/16/15 - 10/07/25	23	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW10	UA	E011	Total Dissolved Solids	mg/L	12/16/15 - 10/07/25	36	0	CB around T-S line	1,050	1,200	Standard	No Exceedance
APW11	UA	E011	Antimony, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW11	UA	E011	Arsenic, total	mg/L	02/18/21 - 10/07/25	20	0	CI around geomean	0.0026	0.0590	Background	No Exceedance

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
APW11	UA	E011	Barium, total	mg/L	02/18/21 - 10/07/25	20	0	CB around T-S line	-0.0557	2.0	Standard	No Exceedance
APW11	UA	E011	Beryllium, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW11	UA	E011	Boron, total	mg/L	02/18/21 - 10/07/25	20	0	CI around median	0.0628	2	Standard	No Exceedance
APW11	UA	E011	Cadmium, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW11	UA	E011	Chloride, total	mg/L	02/18/21 - 10/07/25	20	0	CB around T-S line	19	200	Standard	No Exceedance
APW11	UA	E011	Chromium, total	mg/L	02/18/21 - 10/07/25	20	70	CB around T-S line	-0.000632	0.1	Standard	No Exceedance
APW11	UA	E011	Cobalt, total	mg/L	02/18/21 - 10/07/25	20	75	CB around T-S line	0.000359	0.006	Standard	No Exceedance
APW11	UA	E011	Fluoride, total	mg/L	02/18/21 - 10/07/25	20	50	CB around T-S line	0.366	4.0	Standard	No Exceedance
APW11	UA	E011	Lead, total	mg/L	02/18/21 - 10/07/25	20	65	CI around median	0.001	0.0075	Standard	No Exceedance
APW11	UA	E011	Lithium, total	mg/L	02/18/21 - 10/07/25	20	5	CI around mean	0.02	0.04	Standard	No Exceedance
APW11	UA	E011	Mercury, total	mg/L	02/18/21 - 10/07/25	20	85	CI around median	0.0002	0.002	Standard	No Exceedance
APW11	UA	E011	Molybdenum, total	mg/L	02/18/21 - 10/07/25	19	0	CB around T-S line	-0.00312	0.1	Standard	No Exceedance
APW11	UA	E011	pH (field)	SU	02/18/21 - 10/07/25	20	0	CI around mean	6.9/7.3	6.4/9.0	Background/Standard	No Exceedance
APW11	UA	E011	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 10/07/25	19	0	CI around geomean	0.662	6.90	Background	No Exceedance
APW11	UA	E011	Selenium, total	mg/L	02/18/21 - 10/07/25	20	85	CI around median	0.001	0.05	Standard	No Exceedance
APW11	UA	E011	Sulfate, total	mg/L	02/18/21 - 10/07/25	20	0	CI around median	270	400	Standard	No Exceedance
APW11	UA	E011	Thallium, total	mg/L	02/18/21 - 10/07/25	20	95	CB around T-S line	0.001	0.002	Standard	No Exceedance
APW11	UA	E011	Total Dissolved Solids	mg/L	02/18/21 - 10/07/25	20	0	CI around mean	820	1,200	Standard	No Exceedance
APW12	UD	E011	Antimony, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW12	UD	E011	Arsenic, total	mg/L	02/17/21 - 10/07/25	20	50	CB around linear reg	0.000406	0.0590	Background	No Exceedance
APW12	UD	E011	Barium, total	mg/L	02/17/21 - 10/07/25	20	0	CB around linear reg	0.0219	2.0	Standard	No Exceedance
APW12	UD	E011	Beryllium, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW12	UD	E011	Boron, total	mg/L	02/17/21 - 10/07/25	20	0	CB around T-S line	0.771	2	Standard	No Exceedance
APW12	UD	E011	Cadmium, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW12	UD	E011	Chloride, total	mg/L	02/17/21 - 10/07/25	20	0	CI around mean	24.2	200	Standard	No Exceedance
APW12	UD	E011	Chromium, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
APW12	UD	E011	Cobalt, total	mg/L	02/17/21 - 10/07/25	20	35	CB around linear reg	-0.00159	0.006	Standard	No Exceedance

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
APW12	UD	E011	Fluoride, total	mg/L	02/17/21 - 10/07/25	20	75	CI around median	0.22	4.0	Standard	No Exceedance
APW12	UD	E011	Lead, total	mg/L	02/17/21 - 10/07/25	20	95	CI around median	0.001	0.0075	Standard	No Exceedance
APW12	UD	E011	Lithium, total	mg/L	02/17/21 - 10/07/25	20	0	CI around geomean	0.0281	0.04	Standard	No Exceedance
APW12	UD	E011	Mercury, total	mg/L	02/17/21 - 10/07/25	20	95	CI around median	0.0002	0.002	Standard	No Exceedance
APW12	UD	E011	Molybdenum, total	mg/L	02/17/21 - 10/07/25	19	74	CI around median	0.0012	0.1	Standard	No Exceedance
APW12	UD	E011	pH (field)	SU	02/17/21 - 10/07/25	20	0	CI around median	6.3/6.5	6.4/9.0	Background/Standard	No Exceedance
APW12	UD	E011	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 10/07/25	19	0	CI around mean	0.36	6.90	Background	No Exceedance
APW12	UD	E011	Selenium, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW12	UD	E011	Sulfate, total	mg/L	02/17/21 - 10/07/25	20	0	CB around T-S line	706	400	Standard	Exceedance
APW12	UD	E011	Thallium, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW12	UD	E011	Total Dissolved Solids	mg/L	02/17/21 - 10/07/25	20	0	CB around linear reg	1,840	1,200	Standard	Exceedance
APW13	UA	E011	Antimony, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW13	UA	E011	Arsenic, total	mg/L	02/22/21 - 10/07/25	20	0	CI around mean	0.00398	0.0590	Background	No Exceedance
APW13	UA	E011	Barium, total	mg/L	02/22/21 - 10/07/25	20	0	CI around median	0.051	2.0	Standard	No Exceedance
APW13	UA	E011	Beryllium, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW13	UA	E011	Boron, total	mg/L	02/22/21 - 10/07/25	20	0	CI around mean	0.11	2	Standard	No Exceedance
APW13	UA	E011	Cadmium, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW13	UA	E011	Chloride, total	mg/L	02/22/21 - 10/07/25	20	0	CI around geomean	49	200	Standard	No Exceedance
APW13	UA	E011	Chromium, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
APW13	UA	E011	Cobalt, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW13	UA	E011	Fluoride, total	mg/L	02/22/21 - 10/07/25	20	30	CB around linear reg	0.416	4.0	Standard	No Exceedance
APW13	UA	E011	Lead, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
APW13	UA	E011	Lithium, total	mg/L	02/22/21 - 10/07/25	20	0	CB around linear reg	0.0138	0.04	Standard	No Exceedance
APW13	UA	E011	Mercury, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW13	UA	E011	Molybdenum, total	mg/L	02/22/21 - 10/07/25	19	0	CB around linear reg	0.00318	0.1	Standard	No Exceedance
APW13	UA	E011	pH (field)	SU	02/22/21 - 10/07/25	20	0	CI around mean	7.0/7.2	6.4/9.0	Background/Standard	No Exceedance
APW13	UA	E011	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 10/07/25	19	0	CI around mean	0.43	6.90	Background	No Exceedance

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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	E011	Selenium, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW13	UA	E011	Sulfate, total	mg/L	02/22/21 - 10/07/25	20	0	CB around linear reg	258	400	Standard	No Exceedance
APW13	UA	E011	Thallium, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW13	UA	E011	Total Dissolved Solids	mg/L	02/22/21 - 10/07/25	20	0	CB around linear reg	914	1,200	Standard	No Exceedance
APW14	UA	E011	Antimony, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW14	UA	E011	Arsenic, total	mg/L	02/22/21 - 10/07/25	20	5	CI around mean	0.00558	0.0590	Background	No Exceedance
APW14	UA	E011	Barium, total	mg/L	02/22/21 - 10/07/25	20	5	CB around linear reg	0.0175	2.0	Standard	No Exceedance
APW14	UA	E011	Beryllium, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW14	UA	E011	Boron, total	mg/L	02/22/21 - 10/07/25	20	5	CI around median	0.0888	2	Standard	No Exceedance
APW14	UA	E011	Cadmium, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW14	UA	E011	Chloride, total	mg/L	02/22/21 - 10/07/25	20	0	CB around linear reg	31.4	200	Standard	No Exceedance
APW14	UA	E011	Chromium, total	mg/L	02/22/21 - 10/07/25	20	90	CB around T-S line	-0.000221	0.1	Standard	No Exceedance
APW14	UA	E011	Cobalt, total	mg/L	02/22/21 - 10/07/25	20	95	CB around T-S line	0.000359	0.006	Standard	No Exceedance
APW14	UA	E011	Fluoride, total	mg/L	02/22/21 - 10/07/25	20	40	CI around geomean	0.29	4.0	Standard	No Exceedance
APW14	UA	E011	Lead, total	mg/L	02/22/21 - 10/07/25	20	85	CI around median	0.001	0.0075	Standard	No Exceedance
APW14	UA	E011	Lithium, total	mg/L	02/22/21 - 10/07/25	20	15	CB around linear reg	0.00151	0.04	Standard	No Exceedance
APW14	UA	E011	Mercury, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW14	UA	E011	Molybdenum, total	mg/L	02/22/21 - 10/07/25	19	5	CB around linear reg	0.000536	0.1	Standard	No Exceedance
APW14	UA	E011	pH (field)	SU	02/22/21 - 10/07/25	20	0	CB around T-S line	6.8/7.1	6.4/9.0	Background/Standard	No Exceedance
APW14	UA	E011	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 10/07/25	19	0	CI around mean	0.487	6.90	Background	No Exceedance
APW14	UA	E011	Selenium, total	mg/L	02/22/21 - 10/07/25	20	95	Most recent sample	0.001	0.05	Standard	No Exceedance
APW14	UA	E011	Sulfate, total	mg/L	02/22/21 - 10/07/25	20	0	CB around T-S line	316	400	Standard	No Exceedance
APW14	UA	E011	Thallium, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW14	UA	E011	Total Dissolved Solids	mg/L	02/22/21 - 10/07/25	20	0	CB around linear reg	982	1,200	Standard	No Exceedance
APW15	UA	E011	Antimony, total	mg/L	02/23/21 - 10/07/25	20	95	CB around T-S line	-0.000138	0.006	Standard	No Exceedance
APW15	UA	E011	Arsenic, total	mg/L	02/23/21 - 10/07/25	20	0	CB around linear reg	0.0281	0.0590	Background	No Exceedance
APW15	UA	E011	Barium, total	mg/L	02/23/21 - 10/07/25	20	0	CI around mean	0.568	2.0	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 4, 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	E011	Beryllium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW15	UA	E011	Boron, total	mg/L	02/23/21 - 10/07/25	20	0	CI around mean	0.126	2	Standard	No Exceedance
APW15	UA	E011	Cadmium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW15	UA	E011	Chloride, total	mg/L	02/23/21 - 10/07/25	20	0	CI around median	230	200	Standard	Exceedance
APW15	UA	E011	Chromium, total	mg/L	02/23/21 - 10/07/25	20	40	CI around mean	0.00267	0.1	Standard	No Exceedance
APW15	UA	E011	Cobalt, total	mg/L	02/23/21 - 10/07/25	20	55	CB around T-S line	0.000929	0.006	Standard	No Exceedance
APW15	UA	E011	Fluoride, total	mg/L	02/23/21 - 10/07/25	20	25	CI around median	0.48	4.0	Standard	No Exceedance
APW15	UA	E011	Lead, total	mg/L	02/23/21 - 10/07/25	20	40	CI around median	0.001	0.0075	Standard	No Exceedance
APW15	UA	E011	Lithium, total	mg/L	02/23/21 - 10/07/25	20	40	CB around linear reg	0.000319	0.04	Standard	No Exceedance
APW15	UA	E011	Mercury, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW15	UA	E011	Molybdenum, total	mg/L	02/23/21 - 10/07/25	19	0	CB around linear reg	0.000412	0.1	Standard	No Exceedance
APW15	UA	E011	pH (field)	SU	02/23/21 - 10/07/25	20	0	CI around mean	7.0/7.2	6.4/9.0	Background/Standard	No Exceedance
APW15	UA	E011	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 10/07/25	19	0	CI around mean	1.87	6.90	Background	No Exceedance
APW15	UA	E011	Selenium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW15	UA	E011	Sulfate, total	mg/L	02/23/21 - 10/07/25	20	80	CB around T-S line	1	400	Standard	No Exceedance
APW15	UA	E011	Thallium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW15	UA	E011	Total Dissolved Solids	mg/L	02/23/21 - 10/07/25	20	0	CI around median	1,000	1,200	Standard	No Exceedance
APW16	UA	E011	Antimony, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW16	UA	E011	Arsenic, total	mg/L	02/23/21 - 10/07/25	20	0	CB around linear reg	0.0242	0.0590	Background	No Exceedance
APW16	UA	E011	Barium, total	mg/L	02/23/21 - 10/07/25	20	0	CI around mean	0.555	2.0	Standard	No Exceedance
APW16	UA	E011	Beryllium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW16	UA	E011	Boron, total	mg/L	02/23/21 - 10/07/25	20	0	CI around mean	0.13	2	Standard	No Exceedance
APW16	UA	E011	Cadmium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW16	UA	E011	Chloride, total	mg/L	02/23/21 - 10/07/25	20	0	CI around mean	66.6	200	Standard	No Exceedance
APW16	UA	E011	Chromium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
APW16	UA	E011	Cobalt, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW16	UA	E011	Fluoride, total	mg/L	02/23/21 - 10/07/25	20	0	CI around mean	0.671	4.0	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 4, 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	E011	Lead, total	mg/L	02/23/21 - 10/07/25	20	95	Most recent sample	0.001	0.0075	Standard	No Exceedance
APW16	UA	E011	Lithium, total	mg/L	02/23/21 - 10/07/25	20	80	CB around T-S line	-0.00625	0.04	Standard	No Exceedance
APW16	UA	E011	Mercury, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW16	UA	E011	Molybdenum, total	mg/L	02/23/21 - 10/07/25	19	74	CI around median	0.0012	0.1	Standard	No Exceedance
APW16	UA	E011	pH (field)	SU	02/23/21 - 10/07/25	20	0	CI around mean	7.2/7.4	6.4/9.0	Background/Standard	No Exceedance
APW16	UA	E011	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 10/07/25	19	0	CI around geomean	1.63	6.90	Background	No Exceedance
APW16	UA	E011	Selenium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW16	UA	E011	Sulfate, total	mg/L	02/23/21 - 10/07/25	20	80	CB around T-S line	1	400	Standard	No Exceedance
APW16	UA	E011	Thallium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW16	UA	E011	Total Dissolved Solids	mg/L	02/23/21 - 10/07/25	20	0	CI around median	720	1,200	Standard	No Exceedance
APW17	UA	E011	Antimony, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW17	UA	E011	Arsenic, total	mg/L	02/23/21 - 10/07/25	20	0	CB around linear reg	0.021	0.0590	Background	No Exceedance
APW17	UA	E011	Barium, total	mg/L	02/23/21 - 10/07/25	20	0	CI around mean	0.553	2.0	Standard	No Exceedance
APW17	UA	E011	Beryllium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW17	UA	E011	Boron, total	mg/L	02/23/21 - 10/07/25	20	0	CI around median	0.083	2	Standard	No Exceedance
APW17	UA	E011	Cadmium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW17	UA	E011	Chloride, total	mg/L	02/23/21 - 10/07/25	20	0	CI around median	52	200	Standard	No Exceedance
APW17	UA	E011	Chromium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
APW17	UA	E011	Cobalt, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW17	UA	E011	Fluoride, total	mg/L	02/23/21 - 10/07/25	20	15	CI around mean	0.411	4.0	Standard	No Exceedance
APW17	UA	E011	Lead, total	mg/L	02/23/21 - 10/07/25	20	95	CI around median	0.001	0.0075	Standard	No Exceedance
APW17	UA	E011	Lithium, total	mg/L	02/23/21 - 10/07/25	20	90	CB around T-S line	-0.00657	0.04	Standard	No Exceedance
APW17	UA	E011	Mercury, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW17	UA	E011	Molybdenum, total	mg/L	02/23/21 - 10/07/25	19	0	CI around median	0.0049	0.1	Standard	No Exceedance
APW17	UA	E011	pH (field)	SU	02/23/21 - 10/07/25	20	0	CI around mean	7.2/7.5	6.4/9.0	Background/Standard	No Exceedance
APW17	UA	E011	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 10/07/25	19	0	CI around mean	1.33	6.90	Background	No Exceedance
APW17	UA	E011	Selenium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.05	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 4, 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	E011	Sulfate, total	mg/L	02/23/21 - 10/07/25	20	5	CB around T-S line	67.2	400	Standard	No Exceedance
APW17	UA	E011	Thallium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW17	UA	E011	Total Dissolved Solids	mg/L	02/23/21 - 10/07/25	20	0	CB around linear reg	689	1,200	Standard	No Exceedance
APW18	UA	E011	Antimony, total	mg/L	02/23/21 - 10/07/25	20	95	CB around T-S line	-0.00022	0.006	Standard	No Exceedance
APW18	UA	E011	Arsenic, total	mg/L	02/23/21 - 10/07/25	20	5	CI around mean	0.00178	0.0590	Background	No Exceedance
APW18	UA	E011	Barium, total	mg/L	02/23/21 - 10/07/25	20	0	CB around linear reg	0.361	2.0	Standard	No Exceedance
APW18	UA	E011	Beryllium, total	mg/L	02/23/21 - 10/07/25	20	95	CI around median	0.001	0.004	Standard	No Exceedance
APW18	UA	E011	Boron, total	mg/L	02/23/21 - 10/07/25	20	0	CI around median	0.103	2	Standard	No Exceedance
APW18	UA	E011	Cadmium, total	mg/L	02/23/21 - 10/07/25	20	95	CI around median	0.001	0.005	Standard	No Exceedance
APW18	UA	E011	Chloride, total	mg/L	02/23/21 - 10/07/25	20	0	CB around T-S line	-2.61	200	Standard	No Exceedance
APW18	UA	E011	Chromium, total	mg/L	02/23/21 - 10/07/25	20	75	CB around T-S line	-0.0015	0.1	Standard	No Exceedance
APW18	UA	E011	Cobalt, total	mg/L	02/23/21 - 10/07/25	20	85	CB around T-S line	-0.000219	0.006	Standard	No Exceedance
APW18	UA	E011	Fluoride, total	mg/L	02/23/21 - 10/07/25	20	5	CI around median	0.54	4.0	Standard	No Exceedance
APW18	UA	E011	Lead, total	mg/L	02/23/21 - 10/07/25	20	70	CB around T-S line	-0.00499	0.0075	Standard	No Exceedance
APW18	UA	E011	Lithium, total	mg/L	02/23/21 - 10/07/25	20	50	CB around T-S line	-0.000945	0.04	Standard	No Exceedance
APW18	UA	E011	Mercury, total	mg/L	02/23/21 - 10/07/25	20	95	CI around median	0.0002	0.002	Standard	No Exceedance
APW18	UA	E011	Molybdenum, total	mg/L	02/23/21 - 10/07/25	19	0	CB around T-S line	-0.0151	0.1	Standard	No Exceedance
APW18	UA	E011	pH (field)	SU	02/23/21 - 10/07/25	20	0	CI around mean	7.5/7.7	6.4/9.0	Background/Standard	No Exceedance
APW18	UA	E011	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 10/07/25	19	0	CI around mean	1.4	6.90	Background	No Exceedance
APW18	UA	E011	Selenium, total	mg/L	02/23/21 - 10/07/25	20	95	CI around median	0.001	0.05	Standard	No Exceedance
APW18	UA	E011	Sulfate, total	mg/L	02/23/21 - 10/07/25	20	10	CI around median	4.8	400	Standard	No Exceedance
APW18	UA	E011	Thallium, total	mg/L	02/23/21 - 10/07/25	20	90	CB around T-S line	0.001	0.002	Standard	No Exceedance
APW18	UA	E011	Total Dissolved Solids	mg/L	02/23/21 - 10/07/25	20	0	CI around median	535	1,200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 4, 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:

E011 = Quarter 4, 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 4, 2025
PRIMARY ASH POND
NEWTON POWER PLANT
NEWTON, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



ATTACHMENTS

**ATTACHMENT A
GROUNDWATER ELEVATION DATA
QUARTER 4, 2025**

ATTACHMENT A.
GROUNDWATER ELEVATION DATA - QUARTER 4, 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	10/06/2025	8.71	524.85
APW03	Compliance	10/06/2025	12.01	520.44
APW04	Compliance	10/06/2025	5.81	519.44
APW05	Background	10/06/2025	15.78	528.57
APW05S	Compliance	10/06/2025	14.71	529.81
APW06	Background	10/06/2025	20.40	526.03
APW07	Compliance	10/06/2025	47.34	491.07
APW08	Compliance	10/06/2025	38.35	490.99
APW09	Compliance	10/06/2025	24.93	506.96
APW10	Compliance	10/06/2025	19.52	505.11
APW11	Compliance	10/06/2025	25.70	513.49
APW12	Compliance	10/06/2025	17.05	529.89
APW13	Compliance	10/06/2025	33.97	504.51
APW14	Compliance	10/06/2025	22.65	504.26
APW15	Compliance	10/06/2025	21.41	503.92
APW16	Compliance	10/06/2025	40.95	490.93
APW17	Compliance	10/06/2025	41.86	491.06
APW18	Compliance	10/06/2025	52.41	491.27
XSG01	Water Level	10/06/2025	13.17	527.22
SG02	Water Level	10/06/2025	4.61	501.40

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 4, 2025**

November 14, 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-25Q4

WorkOrder: 25092190

Dear Eric Bauer:

TEKLAB, INC received 24 samples for NEW_845_501 on 10/13/2025 2:40:00 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 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-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	40
Quality Control Results	41
Receiving Check List	133
Chain of Custody	Appended

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-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)

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-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: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

Cooler Receipt Temp: 0.9 °C

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

Equipment Blanks 2 and 3 were not required.

Dates/times for depth-only locations per field files. EAH 10/13/25

APW13 and APW14 collection times per field file. EAH 10/20/25

Per Eric Bauer's request, only NEW_845_501 data is included in this report. EAH 11/14/25

Locations

Collinsville

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

Collinsville Air

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Springfield

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Springfield, IL 62711-9415
Phone (217) 698-1004
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Chicago

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Downers Grove, IL 60515
Phone (630) 324-6855
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Kansas City

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-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 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-004
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW02
Collection Date: 10/07/2025 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		8.86	ft	1	10/07/2025 10:19	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.4	NTU	1	10/07/2025 10:19	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		144	mV	1	10/07/2025 10:19	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		5600	µS/cm	1	10/07/2025 10:19	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		19.1	°C	1	10/07/2025 10:19	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.23	mg/L	1	10/07/2025 10:19	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		6.25		1	10/07/2025 10:19	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		582	mg/L	1	10/10/2025 11:06	R372760
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/10/2025 11:06	R372760
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	32	40		5280	mg/L	2	10/09/2025 13:53	R372771
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	10/10/2025 10:00	R372793
Chloride	NELAP	1.00	5.00		111	mg/L	10	10/10/2025 10:00	R372793
Sulfate	NELAP	0.99	10.0		3230	mg/L	10	10/10/2025 10:00	R372793
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	B	496	mg/L	1	10/10/2025 16:36	246062
Magnesium	NELAP	0.006	0.050	B	446	mg/L	1	10/10/2025 16:36	246062
Potassium	NELAP	0.040	0.100		7.27	mg/L	1	10/10/2025 16:36	246062
Sodium	NELAP	0.018	0.050		475	mg/L	1	10/10/2025 16:36	246062
Sample result(s) for Ca, Mg exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	10/10/2025 17:33	246062
Arsenic	NELAP	0.4	1.0		1.3	µg/L	5	10/10/2025 17:33	246062
Barium	NELAP	0.7	1.0		13.9	µg/L	5	10/17/2025 14:10	246062
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/10/2025 17:33	246062
Boron	NELAP	9.2	25.0		66.6	µg/L	5	10/10/2025 17:33	246062
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/10/2025 17:33	246062
Chromium	NELAP	0.7	1.5	J	1.0	µg/L	5	10/10/2025 17:33	246062
Cobalt	NELAP	0.1	1.0		8.4	µg/L	5	10/17/2025 14:10	246062
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 17:33	246062
Lithium	*	1.4	3.0		127	µg/L	5	10/17/2025 14:10	246062
Molybdenum	NELAP	0.6	1.5	J	1.3	µg/L	5	10/17/2025 14:10	246062
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 17:33	246062
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/10/2025 17:33	246062
LCS recovered outside upper control limits for Cd and Cr. Sample results are below the reporting limit. Data is reportable per the TNI Standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/10/2025 11:11	246072



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-005
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW03
Collection Date: 10/07/2025 12:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		11.52	ft	1	10/07/2025 12:31	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.6	NTU	1	10/07/2025 12:31	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		13	mV	1	10/07/2025 12:31	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		941	µS/cm	1	10/07/2025 12:31	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		20.6	°C	1	10/07/2025 12:31	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.01	mg/L	1	10/07/2025 12:31	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		6.69		1	10/07/2025 12:31	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		358	mg/L	1	10/10/2025 12:13	R372760
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/10/2025 12:13	R372760
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	27	33		625	mg/L	1.67	10/09/2025 13:53	R372771
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.07	mg/L	10	10/10/2025 9:25	R372793
Chloride	NELAP	1.00	5.00		7.49	mg/L	10	10/10/2025 9:25	R372793
Sulfate	NELAP	0.99	10.0		150	mg/L	10	10/10/2025 9:25	R372793
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	B	83.4	mg/L	1	10/10/2025 16:37	246062
Magnesium	NELAP	0.006	0.050	B	45.6	mg/L	1	10/10/2025 16:37	246062
Potassium	NELAP	0.040	0.100		0.463	mg/L	1	10/10/2025 16:37	246062
Sodium	NELAP	0.018	0.050		68.1	mg/L	1	10/10/2025 16:37	246062
Sample result(s) for Ca, Mg exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	10/10/2025 18:48	246062
Arsenic	NELAP	0.4	1.0	J	0.6	µg/L	5	10/10/2025 18:48	246062
Barium	NELAP	0.7	1.0		90.3	µg/L	5	10/17/2025 14:16	246062
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/10/2025 18:48	246062
Boron	NELAP	9.2	25.0		426	µg/L	5	10/10/2025 18:48	246062
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/10/2025 18:48	246062
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	10/10/2025 18:48	246062
Cobalt	NELAP	0.1	1.0		< 1.0	µg/L	5	10/17/2025 14:16	246062
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 18:48	246062
Lithium	*	1.4	3.0		10.1	µg/L	5	10/14/2025 14:00	246062
Molybdenum	NELAP	0.6	1.5	J	0.9	µg/L	5	10/17/2025 14:16	246062
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 18:48	246062
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/10/2025 18:48	246062

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

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



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-005
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW03
Collection Date: 10/07/2025 12:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/10/2025 11:14	246072



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-006
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW04
Collection Date: 10/07/2025 12:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		5.47	ft	1	10/07/2025 12:50	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		63	NTU	1	10/07/2025 12:50	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		115	mV	1	10/07/2025 12:50	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2210	µS/cm	1	10/07/2025 12:50	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		20.5	°C	1	10/07/2025 12:50	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.03	mg/L	1	10/07/2025 12:50	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		6.61		1	10/07/2025 12:50	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		513	mg/L	1	10/10/2025 12:35	R372760
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/10/2025 12:35	R372760
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		1800	mg/L	1	10/09/2025 15:00	R372771
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	10/10/2025 8:38	R372793
Chloride	NELAP	1.00	5.00		37.1	mg/L	10	10/10/2025 8:38	R372793
Sulfate	NELAP	0.99	10.0		884	mg/L	10	10/10/2025 8:38	R372793
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	BS	216	mg/L	1	10/10/2025 16:37	246062
Magnesium	NELAP	0.006	0.050	BS	164	mg/L	1	10/10/2025 16:37	246062
Potassium	NELAP	0.040	0.100		1.63	mg/L	1	10/10/2025 16:37	246062
Sodium	NELAP	0.018	0.050	S	97.7	mg/L	1	10/10/2025 16:37	246062
<i>Sample result(s) for Ca, Mg exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
<i>Matrix spike control limits for Ca, Mg, Na 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	10/10/2025 18:04	246062
Arsenic	NELAP	0.4	1.0	J	0.4	µg/L	5	10/10/2025 18:04	246062
Barium	NELAP	0.7	1.0		18.0	µg/L	5	10/17/2025 13:24	246062
Beryllium	NELAP	0.2	1.0	J	0.3	µg/L	5	10/10/2025 18:04	246062
Boron	NELAP	9.2	25.0		< 25.0	µg/L	5	10/10/2025 18:04	246062
Cadmium	NELAP	0.2	1.0	S	< 1.0	µg/L	5	10/16/2025 16:01	246062
Chromium	NELAP	0.7	1.5	J	0.7	µg/L	5	10/16/2025 16:01	246062
Cobalt	NELAP	0.1	1.0	J	0.3	µg/L	5	10/16/2025 16:01	246062
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 18:04	246062
Lithium	*	1.4	3.0		23.4	µg/L	5	10/14/2025 15:22	246062
Molybdenum	NELAP	0.6	1.5	JS	0.9	µg/L	5	10/16/2025 16:01	246062
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 18:04	246062
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/10/2025 18:04	246062

Matrix spike recovered outside upper control limits for Cd and Mo. Sample results are below the reporting limit. Data is reportable.

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



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-006
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW04
Collection Date: 10/07/2025 12:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/10/2025 11:21	246072



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-007
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW05
Collection Date: 10/07/2025 10:03

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		15.71	ft	1	10/07/2025 10:03	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	10/07/2025 10:03	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		131	mV	1	10/07/2025 10:03	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1140	µS/cm	1	10/07/2025 10:03	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.3	°C	1	10/07/2025 10:03	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		3.11	mg/L	1	10/07/2025 10:03	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		7.19		1	10/07/2025 10:03	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		504	mg/L	1	10/10/2025 13:59	R372760
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/10/2025 13:59	R372760
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	27	33		578	mg/L	1.67	10/09/2025 15:00	R372771
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.31	mg/L	10	10/10/2025 10:11	R372793
Chloride	NELAP	1.00	5.00		50.1	mg/L	10	10/10/2025 10:11	R372793
Sulfate	NELAP	0.99	10	J	9.9	mg/L	10	10/10/2025 10:11	R372793
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	B	51.7	mg/L	1	10/10/2025 16:43	246062
Magnesium	NELAP	0.006	0.050	B	26.5	mg/L	1	10/10/2025 16:43	246062
Potassium	NELAP	0.040	0.100		1.91	mg/L	1	10/10/2025 16:43	246062
Sodium	NELAP	0.018	0.050		140	mg/L	1	10/10/2025 16:43	246062
<i>Sample result(s) for Ca, Mg exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	10/10/2025 18:55	246062
Arsenic	NELAP	0.4	1.0		7.7	µg/L	5	10/10/2025 18:55	246062
Barium	NELAP	0.7	1.0		235	µg/L	5	10/17/2025 14:22	246062
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/10/2025 18:55	246062
Boron	NELAP	9.2	25.0		40.2	µg/L	5	10/10/2025 18:55	246062
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/10/2025 18:55	246062
Chromium	NELAP	0.7	1.5	J	1.2	µg/L	5	10/10/2025 18:55	246062
Cobalt	NELAP	0.1	1.0	J	0.2	µg/L	5	10/16/2025 16:53	246062
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 18:55	246062
Lithium	*	1.4	3.0		9.1	µg/L	5	10/14/2025 14:07	246062
Molybdenum	NELAP	0.6	1.5		11.6	µg/L	5	10/17/2025 14:22	246062
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 18:55	246062
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/10/2025 18:55	246062

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

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



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-007
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW05
Collection Date: 10/07/2025 10:03

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/10/2025 11:23	246072



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-008
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW05S
Collection Date: 10/07/2025 10:39

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		14.62	ft	1	10/07/2025 10:39	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		42	NTU	1	10/07/2025 10:39	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		126	mV	1	10/07/2025 10:39	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		3530	µS/cm	1	10/07/2025 10:39	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		22.2	°C	1	10/07/2025 10:39	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.54	mg/L	1	10/07/2025 10:39	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		6.62		1	10/07/2025 10:39	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		544	mg/L	1	10/10/2025 12:58	R372760
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/10/2025 12:58	R372760
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	27	33		3600	mg/L	1.67	10/09/2025 15:00	R372771
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.20	mg/L	10	10/10/2025 10:23	R372793
Chloride	NELAP	1.00	5.00		146	mg/L	10	10/10/2025 10:23	R372793
Sulfate	NELAP	0.99	10.0		2040	mg/L	10	10/10/2025 10:23	R372793
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	B	365	mg/L	1	10/10/2025 16:44	246062
Magnesium	NELAP	0.006	0.050	B	268	mg/L	1	10/10/2025 16:44	246062
Potassium	NELAP	0.040	0.100		2.16	mg/L	1	10/10/2025 16:44	246062
Sodium	NELAP	0.018	0.050		267	mg/L	1	10/10/2025 16:44	246062
Sample result(s) for Ca, Mg exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	10/30/2025 15:09	247115
Arsenic	NELAP	0.4	1.0	J	0.6	µg/L	5	10/30/2025 15:09	247115
Barium	NELAP	0.7	1.0		34.5	µg/L	5	10/17/2025 14:27	246062
Beryllium	NELAP	0.2	1.0	J	0.3	µg/L	5	10/30/2025 15:09	247115
Boron	NELAP	9.2	25.0		57.2	µg/L	5	10/10/2025 19:01	246062
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/30/2025 15:09	247115
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	10/30/2025 15:09	247115
Cobalt	NELAP	0.1	1.0	J	0.4	µg/L	5	10/30/2025 15:09	247115
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/30/2025 15:09	247115
Lithium	*	1.4	3.0		41.9	µg/L	5	10/14/2025 14:38	246062
Molybdenum	NELAP	0.6	1.5		2.6	µg/L	5	10/17/2025 14:27	246062
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/30/2025 15:09	247115
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/10/2025 19:01	246062
CCV recovered outside the upper control limits. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/10/2025 11:25	246072



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-009
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW06
Collection Date: 10/07/2025 11:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		20.12	ft	1	10/07/2025 11:26	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		5.3	NTU	1	10/07/2025 11:26	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		100	mV	1	10/07/2025 11:26	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1100	µS/cm	1	10/07/2025 11:26	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		19.3	°C	1	10/07/2025 11:26	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.03	mg/L	1	10/07/2025 11:26	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		7.47		1	10/07/2025 11:26	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		430	mg/L	1	10/10/2025 13:28	R372760
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/10/2025 13:28	R372760
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	27	33		528	mg/L	1.67	10/09/2025 15:00	R372771
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.32	mg/L	10	10/10/2025 10:46	R372793
Chloride	NELAP	1.00	5.00		24.2	mg/L	10	10/10/2025 10:46	R372793
Sulfate	NELAP	0.99	10	J	7.4	mg/L	10	10/10/2025 10:46	R372793
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	B	57.2	mg/L	1	10/10/2025 16:45	246062
Magnesium	NELAP	0.006	0.050	B	25.3	mg/L	1	10/10/2025 16:45	246062
Potassium	NELAP	0.040	0.100		1.51	mg/L	1	10/10/2025 16:45	246062
Sodium	NELAP	0.018	0.050		119	mg/L	1	10/10/2025 16:45	246062
Sample result(s) for Ca, Mg exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0	J	0.5	µg/L	5	10/10/2025 19:07	246062
Arsenic	NELAP	0.4	1.0		4.6	µg/L	5	10/10/2025 19:07	246062
Barium	NELAP	0.7	1.0		220	µg/L	5	10/17/2025 14:33	246062
Beryllium	NELAP	0.2	1.0	J	0.3	µg/L	5	10/10/2025 19:07	246062
Boron	NELAP	9.2	25.0		42.1	µg/L	5	10/10/2025 19:07	246062
Cadmium	NELAP	0.2	1.0	J	0.2	µg/L	5	10/10/2025 19:07	246062
Chromium	NELAP	0.7	1.5	J	1.0	µg/L	5	10/10/2025 19:07	246062
Cobalt	NELAP	0.1	1.0	J	0.3	µg/L	5	10/16/2025 17:04	246062
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 19:07	246062
Lithium	*	1.4	3.0		12.2	µg/L	5	10/14/2025 14:44	246062
Molybdenum	NELAP	0.6	1.5		7.4	µg/L	5	10/17/2025 14:33	246062
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 19:07	246062
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/10/2025 19:07	246062

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

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



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-009
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW06
Collection Date: 10/07/2025 11:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/10/2025 11:28	246072



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-010
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW07
Collection Date: 10/13/2025 12:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		47.31	ft	1	10/13/2025 12:01	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		320	NTU	1	10/13/2025 12:01	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-145	mV	1	10/13/2025 12:01	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1060	µS/cm	1	10/13/2025 12:01	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.4	°C	1	10/13/2025 12:01	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.74	mg/L	1	10/13/2025 12:01	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		7.24		1	10/13/2025 12:01	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		1000	mg/L	1	10/20/2025 11:46	R373196
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/20/2025 11:46	R373196
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		672	mg/L	1	10/14/2025 14:28	R372983
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.34	mg/L	10	10/14/2025 18:46	R372956
Chloride	NELAP	1.00	5.00		62.7	mg/L	10	10/14/2025 18:46	R372956
Sulfate	NELAP	0.99	10.0		16.2	mg/L	10	10/14/2025 18:46	R372956
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		216	mg/L	1	10/15/2025 15:52	246261
Magnesium	NELAP	0.006	0.050		71.6	mg/L	1	10/15/2025 15:52	246261
Potassium	NELAP	0.040	0.100		3.11	mg/L	1	10/15/2025 15:52	246261
Sodium	NELAP	0.018	0.050		108	mg/L	1	10/15/2025 15:52	246261
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0	J	1.0	µg/L	5	10/30/2025 15:15	247115
Arsenic	NELAP	0.4	1.0		27.7	µg/L	5	10/18/2025 6:27	246261
Barium	NELAP	0.7	1.0		490	µg/L	5	10/15/2025 5:33	246261
Beryllium	NELAP	0.2	1.0	J	0.8	µg/L	5	10/15/2025 5:33	246261
Boron	NELAP	9.2	25.0		80.2	µg/L	5	10/15/2025 5:33	246261
Cadmium	NELAP	0.2	1.0	J	0.6	µg/L	5	10/15/2025 5:33	246261
Chromium	NELAP	0.7	1.5		24.0	µg/L	5	10/15/2025 5:33	246261
Cobalt	NELAP	0.1	1.0		7.6	µg/L	5	10/20/2025 16:33	246261
Lead	NELAP	0.6	1.0		8.7	µg/L	5	10/15/2025 5:33	246261
Lithium	*	1.4	3.0		9.2	µg/L	5	10/15/2025 5:33	246261
Molybdenum	NELAP	0.6	1.5		6.4	µg/L	5	10/20/2025 16:33	246261
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/18/2025 6:27	246261
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/15/2025 5:33	246261
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/16/2025 17:02	246267



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-011
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW08
Collection Date: 10/07/2025 11:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		38.08	ft	1	10/07/2025 11:27	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		5.0	NTU	1	10/07/2025 11:27	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		179	mV	1	10/07/2025 11:27	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1220	µS/cm	1	10/07/2025 11:27	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.3	°C	1	10/07/2025 11:27	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.36	mg/L	1	10/07/2025 11:27	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		6.98		1	10/07/2025 11:27	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		491	mg/L	1	10/10/2025 12:05	R372760
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/10/2025 12:05	R372760
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		662	mg/L	1	10/09/2025 15:16	R372771
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.18	mg/L	10	10/10/2025 11:10	R372793
Chloride	NELAP	1.00	5.00		58.1	mg/L	10	10/10/2025 11:10	R372793
Sulfate	NELAP	0.99	10.0		52.4	mg/L	10	10/10/2025 11:10	R372793
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	B	106	mg/L	1	10/10/2025 16:45	246062
Magnesium	NELAP	0.006	0.050	B	42.0	mg/L	1	10/10/2025 16:45	246062
Potassium	NELAP	0.040	0.100		2.12	mg/L	1	10/10/2025 16:45	246062
Sodium	NELAP	0.018	0.050		94.7	mg/L	1	10/10/2025 16:45	246062
Sample result(s) for Ca, Mg exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	10/10/2025 19:14	246062
Arsenic	NELAP	0.4	1.0		19.5	µg/L	5	10/10/2025 19:14	246062
Barium	NELAP	0.7	1.0		426	µg/L	5	10/17/2025 14:38	246062
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/10/2025 19:14	246062
Boron	NELAP	9.2	25.0		25.2	µg/L	5	10/10/2025 19:14	246062
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/10/2025 19:14	246062
Chromium	NELAP	0.7	1.5		2.5	µg/L	5	10/16/2025 17:10	246062
Cobalt	NELAP	0.1	1.0		1.2	µg/L	5	10/16/2025 17:10	246062
Lead	NELAP	0.6	1.0	J	0.8	µg/L	5	10/10/2025 19:14	246062
Lithium	*	1.4	3.0		3.7	µg/L	5	10/14/2025 14:51	246062
Molybdenum	NELAP	0.6	1.5		5.0	µg/L	5	10/20/2025 8:27	246062
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 19:14	246062
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/10/2025 19:14	246062

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

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



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-011
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW08
Collection Date: 10/07/2025 11:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/10/2025 11:30	246072



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-012
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW09
Collection Date: 10/07/2025 12:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		28.19	ft	1	10/07/2025 12:00	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		2.0	NTU	1	10/07/2025 12:00	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		45	mV	1	10/07/2025 12:00	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1430	µS/cm	1	10/07/2025 12:00	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		21.6	°C	1	10/07/2025 12:00	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.82	mg/L	1	10/07/2025 12:00	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		7.36		1	10/07/2025 12:00	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		650	mg/L	1	10/10/2025 13:43	R372760
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/10/2025 13:43	R372760
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		832	mg/L	1	10/09/2025 15:16	R372771
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.28	mg/L	10	10/10/2025 11:56	R372793
Chloride	NELAP	1.00	5.00		145	mg/L	10	10/10/2025 11:56	R372793
Sulfate	NELAP	0.99	10	J	6.4	mg/L	10	10/10/2025 11:56	R372793
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	B	79.0	mg/L	1	10/10/2025 16:46	246062
Magnesium	NELAP	0.006	0.050	B	36.6	mg/L	1	10/10/2025 16:46	246062
Potassium	NELAP	0.040	0.100		2.08	mg/L	1	10/10/2025 16:46	246062
Sodium	NELAP	0.018	0.050		213	mg/L	1	10/10/2025 16:46	246062
<i>Sample result(s) for Ca, Mg exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.</i>									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0	J	0.5	µg/L	5	10/10/2025 19:20	246062
Arsenic	NELAP	0.4	1.0		9.3	µg/L	5	10/10/2025 19:20	246062
Barium	NELAP	0.7	1.0		434	µg/L	5	10/17/2025 14:44	246062
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/10/2025 19:20	246062
Boron	NELAP	9.2	25.0		45.3	µg/L	5	10/10/2025 19:20	246062
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/10/2025 19:20	246062
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	10/10/2025 19:20	246062
Cobalt	NELAP	0.1	1.0	J	0.5	µg/L	5	10/16/2025 17:15	246062
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 19:20	246062
Lithium	*	1.4	3.0		7.7	µg/L	5	10/14/2025 14:57	246062
Molybdenum	NELAP	0.6	1.5		5.1	µg/L	5	10/17/2025 14:44	246062
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 19:20	246062
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/10/2025 19:20	246062

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

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



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-012
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW09
Collection Date: 10/07/2025 12:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/10/2025 11:32	246072



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-013
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW10
Collection Date: 10/07/2025 13:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		19.46	ft	1	10/07/2025 13:22	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		13	NTU	1	10/07/2025 13:22	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		121	mV	1	10/07/2025 13:22	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1610	µS/cm	1	10/07/2025 13:22	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.5	°C	1	10/07/2025 13:22	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.88	mg/L	1	10/07/2025 13:22	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		7.12		1	10/07/2025 13:22	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		396	mg/L	1	10/10/2025 12:43	R372760
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/10/2025 12:43	R372760
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		1090	mg/L	1	10/09/2025 15:16	R372771
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.12	mg/L	10	10/10/2025 10:35	R372793
Chloride	NELAP	1.00	5.00		46.9	mg/L	10	10/10/2025 10:35	R372793
Sulfate	NELAP	0.99	10.0		436	mg/L	10	10/10/2025 10:35	R372793
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	B	143	mg/L	1	10/10/2025 16:47	246062
Magnesium	NELAP	0.006	0.050	B	65.9	mg/L	1	10/10/2025 16:47	246062
Potassium	NELAP	0.040	0.100		1.62	mg/L	1	10/10/2025 16:47	246062
Sodium	NELAP	0.018	0.050		131	mg/L	1	10/10/2025 16:47	246062
Sample result(s) for Ca, Mg exceed 10 times the method blank contamination. Data is reportable per the TNI Standard.									
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	10/10/2025 19:26	246062
Arsenic	NELAP	0.4	1.0		8.3	µg/L	5	10/10/2025 19:26	246062
Barium	NELAP	0.7	1.0		29.0	µg/L	5	10/17/2025 15:30	246062
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/10/2025 19:26	246062
Boron	NELAP	9.2	25	J	16	µg/L	5	10/10/2025 19:26	246062
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/10/2025 19:26	246062
Chromium	NELAP	0.7	1.5	J	1.5	µg/L	5	10/10/2025 19:26	246062
Cobalt	NELAP	0.1	1.0	J	0.3	µg/L	5	10/16/2025 18:01	246062
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 19:26	246062
Lithium	*	1.4	3.0		22.2	µg/L	5	10/14/2025 15:03	246062
Molybdenum	NELAP	0.6	1.5		7.5	µg/L	5	10/17/2025 15:30	246062
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 19:26	246062
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/10/2025 19:26	246062

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

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



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-013
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW10
Collection Date: 10/07/2025 13:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/10/2025 11:39	246072



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-014
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW11
Collection Date: 10/07/2025 9:59

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		25.57	ft	1	10/07/2025 9:59	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		40	NTU	1	10/07/2025 9:59	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-52	mV	1	10/07/2025 9:59	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1250	µS/cm	1	10/07/2025 9:59	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.2	°C	1	10/07/2025 9:59	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.96	mg/L	1	10/07/2025 9:59	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		6.91		1	10/07/2025 9:59	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		395	mg/L	1	10/10/2025 13:14	R372760
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/10/2025 13:14	R372760
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		880	mg/L	1	10/09/2025 15:16	R372771
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.18	mg/L	10	10/10/2025 10:58	R372793
Chloride	NELAP	1.00	5.00		25.9	mg/L	10	10/10/2025 10:58	R372793
Sulfate	NELAP	0.99	10.0		298	mg/L	10	10/10/2025 10:58	R372793
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		128	mg/L	1	10/13/2025 22:13	246067
Magnesium	NELAP	0.006	0.050		55.6	mg/L	1	10/13/2025 22:13	246067
Potassium	NELAP	0.040	0.100		1.56	mg/L	1	10/13/2025 22:13	246067
Sodium	NELAP	0.018	0.050		98.6	mg/L	1	10/13/2025 22:13	246067
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	10/10/2025 21:07	246067
Arsenic	NELAP	0.4	1.0		2.7	µg/L	5	10/10/2025 21:07	246067
Barium	NELAP	0.7	1.0		38.0	µg/L	5	10/17/2025 15:36	246067
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/14/2025 15:09	246067
Boron	NELAP	9.2	25.0		63.4	µg/L	5	10/16/2025 18:13	246067
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/10/2025 21:07	246067
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	10/10/2025 21:07	246067
Cobalt	NELAP	0.1	1.0	J	0.1	µg/L	5	10/16/2025 18:13	246067
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/14/2025 15:09	246067
Lithium	*	1.4	3.0		21.1	µg/L	5	10/14/2025 15:09	246067
Molybdenum	NELAP	0.6	1.5		5.5	µg/L	5	10/17/2025 15:36	246067
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 21:07	246067
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/10/2025 21:07	246067
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/10/2025 11:42	246072

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

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



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-015
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW12
Collection Date: 10/07/2025 12:16

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		17.05	ft	1	10/07/2025 12:16	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		< 1.0	NTU	1	10/07/2025 12:16	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		136	mV	1	10/07/2025 12:16	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2230	µS/cm	1	10/07/2025 12:16	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.0	°C	1	10/07/2025 12:16	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		2.02	mg/L	1	10/07/2025 12:16	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		6.29		1	10/07/2025 12:16	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		579	mg/L	1	10/10/2025 11:13	R372760
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/10/2025 11:13	R372760
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		1910	mg/L	1	10/09/2025 15:16	R372771
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	10/10/2025 13:42	R372793
Chloride	NELAP	1.00	5.00		28.2	mg/L	10	10/10/2025 13:42	R372793
Sulfate	NELAP	0.99	10.0		913	mg/L	10	10/10/2025 13:42	R372793
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	S	262	mg/L	1	10/13/2025 22:15	246067
Magnesium	NELAP	0.006	0.050	S	122	mg/L	1	10/13/2025 22:15	246067
Potassium	NELAP	0.040	0.100		1.34	mg/L	1	10/13/2025 22:15	246067
Sodium	NELAP	0.018	0.050	S	166	mg/L	1	10/13/2025 22:15	246067

Matrix spike control limits are not applicable due to high sample/spike ratio.

SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	10/10/2025 21:32	246067
Arsenic	NELAP	0.4	1.0	J	0.5	µg/L	5	10/10/2025 21:32	246067
Barium	NELAP	0.7	1.0		28.7	µg/L	5	10/17/2025 14:50	246067
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/14/2025 18:06	246067
Boron	NELAP	9.2	25.0		918	µg/L	5	10/16/2025 18:41	246067
Cadmium	NELAP	0.2	1.0	S	< 1.0	µg/L	5	10/16/2025 18:41	246067
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	10/16/2025 18:41	246067
Cobalt	NELAP	0.1	1.0	J	0.6	µg/L	5	10/16/2025 18:41	246067
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/14/2025 18:06	246067
Lithium	*	1.4	3.0		30.6	µg/L	5	10/16/2025 18:41	246067
Molybdenum	NELAP	0.6	1.5	S	< 1.5	µg/L	5	10/16/2025 18:41	246067
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 21:32	246067
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/10/2025 21:32	246067

Matrix spike recovered outside upper control limits for Cd and Mo. Sample results are below the reporting limit. Data is reportable.

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

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



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-015
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW12
Collection Date: 10/07/2025 12:16

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/10/2025 11:44	246072



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-016
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW13
Collection Date: 10/07/2025 10:37

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		33.82	ft	1	10/07/2025 10:37	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		28	NTU	1	10/07/2025 10:37	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-104	mV	1	10/07/2025 10:37	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1430	µS/cm	1	10/07/2025 10:37	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		18.4	°C	1	10/07/2025 10:37	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.50	mg/L	1	10/07/2025 10:37	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		6.94		1	10/07/2025 10:37	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		477	mg/L	1	10/10/2025 13:35	R372760
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/10/2025 13:35	R372760
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		950	mg/L	1	10/09/2025 15:32	R372771
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.27	mg/L	10	10/10/2025 15:03	R372793
Chloride	NELAP	1.00	5.00		51.9	mg/L	10	10/10/2025 15:03	R372793
Sulfate	NELAP	0.99	10.0		264	mg/L	10	10/10/2025 15:03	R372793
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		118	mg/L	1	10/13/2025 22:27	246067
Magnesium	NELAP	0.006	0.050		56.8	mg/L	1	10/13/2025 22:27	246067
Potassium	NELAP	0.040	0.100		1.86	mg/L	1	10/13/2025 22:27	246067
Sodium	NELAP	0.018	0.050		134	mg/L	1	10/13/2025 22:27	246067
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	10/10/2025 21:14	246067
Arsenic	NELAP	0.4	1.0		5.0	µg/L	5	10/10/2025 21:14	246067
Barium	NELAP	0.7	1.0		57.8	µg/L	5	10/17/2025 15:41	246067
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/14/2025 17:34	246067
Boron	NELAP	9.2	25.0		116	µg/L	5	10/16/2025 18:18	246067
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/10/2025 21:14	246067
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	10/10/2025 21:14	246067
Cobalt	NELAP	0.1	1.0		< 1.0	µg/L	5	10/16/2025 18:18	246067
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/14/2025 17:34	246067
Lithium	*	1.4	3.0		22.6	µg/L	5	10/14/2025 17:34	246067
Molybdenum	NELAP	0.6	1.5		6.9	µg/L	5	10/17/2025 15:41	246067
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 21:14	246067
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/10/2025 21:14	246067
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/10/2025 11:46	246072

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

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



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-017
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW14
Collection Date: 10/07/2025 11:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		22.51	ft	1	10/07/2025 11:05	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		4.6	NTU	1	10/07/2025 11:05	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-107	mV	1	10/07/2025 11:05	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1500	µS/cm	1	10/07/2025 11:05	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		15.9	°C	1	10/07/2025 11:05	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.97	mg/L	1	10/07/2025 11:05	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		7.07		1	10/07/2025 11:05	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		456	mg/L	1	10/10/2025 12:28	R372760
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/10/2025 12:28	R372760
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		1050	mg/L	1	10/09/2025 15:32	R372771
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.09	mg/L	10	10/10/2025 13:07	R372793
Chloride	NELAP	1.00	5.00		43.5	mg/L	10	10/10/2025 13:07	R372793
Sulfate	NELAP	0.99	10.0		381	mg/L	10	10/10/2025 13:07	R372793
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		138	mg/L	1	10/13/2025 22:29	246067
Magnesium	NELAP	0.006	0.050		65.8	mg/L	1	10/13/2025 22:29	246067
Potassium	NELAP	0.040	0.100		1.61	mg/L	1	10/13/2025 22:29	246067
Sodium	NELAP	0.018	0.050		144	mg/L	1	10/13/2025 22:29	246067
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	10/10/2025 21:20	246067
Arsenic	NELAP	0.4	1.0		7.8	µg/L	5	10/10/2025 21:20	246067
Barium	NELAP	0.7	1.0		55.9	µg/L	5	10/17/2025 15:47	246067
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/14/2025 17:40	246067
Boron	NELAP	9.2	25.0		97.6	µg/L	5	10/16/2025 18:24	246067
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/10/2025 21:20	246067
Chromium	NELAP	0.7	1.5	J	0.8	µg/L	5	10/10/2025 21:20	246067
Cobalt	NELAP	0.1	1.0		< 1.0	µg/L	5	10/16/2025 18:24	246067
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/14/2025 17:40	246067
Lithium	*	1.4	3.0		18.0	µg/L	5	10/14/2025 17:40	246067
Molybdenum	NELAP	0.6	1.5		5.1	µg/L	5	10/17/2025 15:47	246067
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 21:20	246067
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/10/2025 21:20	246067
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/10/2025 11:49	246072

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

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



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-018
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW15
Collection Date: 10/07/2025 13:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		21.21	ft	1	10/07/2025 13:20	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		67	NTU	1	10/07/2025 13:20	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-127	mV	1	10/07/2025 13:20	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		2010	µS/cm	1	10/07/2025 13:20	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		20.9	°C	1	10/07/2025 13:20	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.04	mg/L	1	10/07/2025 13:20	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		6.99		1	10/07/2025 13:20	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		678	mg/L	1	10/10/2025 11:29	R372760
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/10/2025 11:29	R372760
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	27	33		1150	mg/L	1.67	10/09/2025 15:32	R372771
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	10/10/2025 14:28	R372793
Chloride	NELAP	1.00	5.00		276	mg/L	10	10/10/2025 14:28	R372793
Sulfate	NELAP	0.99	10.0		ND	mg/L	10	10/10/2025 14:28	R372793
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		98.0	mg/L	1	10/13/2025 22:30	246067
Magnesium	NELAP	0.006	0.050		39.0	mg/L	1	10/13/2025 22:30	246067
Potassium	NELAP	0.040	0.100		3.51	mg/L	1	10/13/2025 22:30	246067
Sodium	NELAP	0.018	0.050		335	mg/L	1	10/13/2025 22:30	246067
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	10/10/2025 21:26	246067
Arsenic	NELAP	0.4	1.0		30.9	µg/L	5	10/10/2025 21:26	246067
Barium	NELAP	0.7	1.0		707	µg/L	5	10/17/2025 15:53	246067
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/14/2025 17:47	246067
Boron	NELAP	9.2	25.0		125	µg/L	5	10/16/2025 18:29	246067
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/10/2025 21:26	246067
Chromium	NELAP	0.7	1.5		1.7	µg/L	5	10/17/2025 15:53	246067
Cobalt	NELAP	0.1	1.0	J	0.8	µg/L	5	10/16/2025 18:29	246067
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/14/2025 17:47	246067
Lithium	*	1.4	3.0		6.8	µg/L	5	10/17/2025 15:53	246067
Molybdenum	NELAP	0.6	1.5		4.7	µg/L	5	10/17/2025 15:53	246067
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 21:26	246067
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/10/2025 21:26	246067
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/10/2025 11:51	246072

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

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



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-019
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW16
Collection Date: 10/07/2025 12:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		40.86	ft	1	10/07/2025 12:09	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		8.6	NTU	1	10/07/2025 12:09	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		115	mV	1	10/07/2025 12:09	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1430	µS/cm	1	10/07/2025 12:09	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.1	°C	1	10/07/2025 12:09	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.01	mg/L	1	10/07/2025 12:09	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		7.07		1	10/07/2025 12:09	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		628	mg/L	1	10/10/2025 11:21	R372760
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/10/2025 11:21	R372760
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		770	mg/L	1	10/09/2025 15:33	R372771
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.63	mg/L	10	10/10/2025 13:18	R372793
Chloride	NELAP	1.00	5.00		71.1	mg/L	10	10/10/2025 13:18	R372793
Sulfate	NELAP	0.99	10	J	2.0	mg/L	10	10/10/2025 13:18	R372793
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		98.7	mg/L	1	10/13/2025 22:32	246067
Magnesium	NELAP	0.006	0.050		42.4	mg/L	1	10/13/2025 22:32	246067
Potassium	NELAP	0.040	0.100		2.06	mg/L	1	10/13/2025 22:32	246067
Sodium	NELAP	0.018	0.050		152	mg/L	1	10/13/2025 22:32	246067
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	10/10/2025 22:17	246067
Arsenic	NELAP	0.4	1.0		25.4	µg/L	5	10/10/2025 22:17	246067
Barium	NELAP	0.7	1.0		802	µg/L	5	10/17/2025 15:58	246067
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/14/2025 17:53	246067
Boron	NELAP	9.2	25.0		131	µg/L	5	10/16/2025 18:35	246067
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/10/2025 22:17	246067
Chromium	NELAP	0.7	1.5	J	1.1	µg/L	5	10/10/2025 22:17	246067
Cobalt	NELAP	0.1	1.0	J	0.2	µg/L	5	10/16/2025 18:35	246067
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/14/2025 17:53	246067
Lithium	*	1.4	3.0	J	1.9	µg/L	5	10/14/2025 17:53	246067
Molybdenum	NELAP	0.6	1.5		< 1.5	µg/L	5	10/16/2025 18:35	246067
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 22:17	246067
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/10/2025 22:17	246067
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/10/2025 11:58	246072

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



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-020
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW17
Collection Date: 10/07/2025 10:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		41.79	ft	1	10/07/2025 10:42	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		6.8	NTU	1	10/07/2025 10:42	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		140	mV	1	10/07/2025 10:42	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1280	µS/cm	1	10/07/2025 10:42	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		17.6	°C	1	10/07/2025 10:42	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.64	mg/L	1	10/07/2025 10:42	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		7.09		1	10/07/2025 10:42	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		524	mg/L	1	10/10/2025 12:20	R372760
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/10/2025 12:20	R372760
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		718	mg/L	1	10/09/2025 15:33	R372771
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.49	mg/L	10	10/10/2025 13:30	R372793
Chloride	NELAP	1.00	5.00		54.4	mg/L	10	10/10/2025 13:30	R372793
Sulfate	NELAP	0.99	10.0		65.9	mg/L	10	10/10/2025 13:30	R372793
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		111	mg/L	1	10/13/2025 22:34	246067
Magnesium	NELAP	0.006	0.050		45.3	mg/L	1	10/13/2025 22:34	246067
Potassium	NELAP	0.040	0.100		1.84	mg/L	1	10/13/2025 22:34	246067
Sodium	NELAP	0.018	0.050		93.8	mg/L	1	10/13/2025 22:34	246067
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	10/10/2025 22:23	246067
Arsenic	NELAP	0.4	1.0		26.8	µg/L	5	10/10/2025 22:23	246067
Barium	NELAP	0.7	1.0		526	µg/L	5	10/31/2025 21:28	247115
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/14/2025 17:59	246067
Boron	NELAP	9.2	25.0		84.7	µg/L	5	10/16/2025 19:38	246067
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/10/2025 22:23	246067
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	10/10/2025 22:23	246067
Cobalt	NELAP	0.1	1.0	J	0.2	µg/L	5	10/16/2025 19:38	246067
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/14/2025 17:59	246067
Lithium	*	1.4	3.0	J	1.8	µg/L	5	10/14/2025 17:59	246067
Molybdenum	NELAP	0.6	1.5		9.6	µg/L	5	10/17/2025 16:04	246067
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 22:23	246067
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/10/2025 22:23	246067
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/10/2025 12:00	246072

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



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-021
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW18
Collection Date: 10/07/2025 9:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		52.26	ft	1	10/07/2025 9:43	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.4	NTU	1	10/07/2025 9:43	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		195	mV	1	10/07/2025 9:43	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1120	µS/cm	1	10/07/2025 9:43	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.0	°C	1	10/07/2025 9:43	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.52	mg/L	1	10/07/2025 9:43	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		7.18		1	10/07/2025 9:43	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		487	mg/L	1	10/10/2025 11:58	R372760
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/10/2025 11:58	R372760
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		640	mg/L	1	10/09/2025 15:33	R372771
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		0.64	mg/L	10	10/10/2025 12:43	R372793
Chloride	NELAP	1.00	5.00		24.2	mg/L	10	10/10/2025 12:43	R372793
Sulfate	NELAP	0.99	10.0		52.2	mg/L	10	10/10/2025 12:43	R372793
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		77.2	mg/L	1	10/13/2025 22:35	246067
Magnesium	NELAP	0.006	0.050		36.3	mg/L	1	10/13/2025 22:35	246067
Potassium	NELAP	0.040	0.100		1.89	mg/L	1	10/13/2025 22:35	246067
Sodium	NELAP	0.018	0.050		110	mg/L	1	10/13/2025 22:35	246067
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	10/10/2025 22:29	246067
Arsenic	NELAP	0.4	1.0		1.8	µg/L	5	10/10/2025 22:29	246067
Barium	NELAP	0.7	1.0		487	µg/L	5	10/17/2025 16:56	246067
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/14/2025 18:50	246067
Boron	NELAP	9.2	25.0		99.8	µg/L	5	10/16/2025 19:44	246067
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/10/2025 22:29	246067
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	10/10/2025 22:29	246067
Cobalt	NELAP	0.1	1.0		< 1.0	µg/L	5	10/16/2025 19:44	246067
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/14/2025 18:50	246067
Lithium	*	1.4	3.0		5.5	µg/L	5	10/14/2025 18:50	246067
Molybdenum	NELAP	0.6	1.5		5.8	µg/L	5	10/17/2025 16:56	246067
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 22:29	246067
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/10/2025 22:29	246067
<i>LCS recovered outside upper control limits. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/10/2025 12:07	246072



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-063
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: SG02
Collection Date: 10/06/2025 11:11

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		4.61	ft	1	10/06/2025 11:11	R373037



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-066
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: XSG01
Collection Date: 10/06/2025 11:21

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		13.17	ft	1	10/06/2025 11:21	R373037



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-067
Matrix: AQUEOUS

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: Field Blank
Collection Date: 10/13/2025 11:35

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		0	mg/L	1	10/15/2025 13:43	R372986
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/15/2025 13:43	R372986
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		< 20	mg/L	1	10/14/2025 14:37	R372983
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	10/14/2025 21:05	R372956
Chloride	NELAP	1.00	5.00		ND	mg/L	10	10/14/2025 21:05	R372956
Sulfate	NELAP	0.99	10.0		ND	mg/L	10	10/14/2025 21:05	R372956
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.10	J	0.051	mg/L	1	10/15/2025 16:00	246261
Magnesium	NELAP	0.006	0.050		< 0.050	mg/L	1	10/15/2025 16:00	246261
Potassium	NELAP	0.040	0.10	J	0.062	mg/L	1	10/15/2025 16:00	246261
Sodium	NELAP	0.018	0.050		< 0.050	mg/L	1	10/29/2025 9:04	247047
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0	J	0.6	µg/L	5	10/20/2025 17:20	246261
Arsenic	NELAP	0.4	1.0		< 1.0	µg/L	5	10/18/2025 7:25	246261
Barium	NELAP	0.7	1.0		< 1.0	µg/L	5	10/15/2025 5:52	246261
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/15/2025 5:52	246261
Boron	NELAP	9.2	25	J	10	µg/L	5	10/18/2025 7:25	246261
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/15/2025 5:52	246261
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	10/15/2025 5:52	246261
Cobalt	NELAP	0.1	1.0		< 1.0	µg/L	5	10/18/2025 7:25	246261
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/15/2025 5:52	246261
Lithium	*	1.4	3.0		< 3.0	µg/L	5	10/15/2025 5:52	246261
Molybdenum	NELAP	0.6	1.5		1.5	µg/L	5	10/20/2025 17:20	246261
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/18/2025 7:25	246261
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/15/2025 5:52	246261
CCV recovered outside the upper control limits B, Co, Cu, Se, and Zn. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/16/2025 17:09	246267



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-068
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW02 Duplicate
Collection Date: 10/07/2025 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		8.86	ft	1	10/07/2025 10:19	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		3.4	NTU	1	10/07/2025 10:19	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		144	mV	1	10/07/2025 10:19	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		5600	µS/cm	1	10/07/2025 10:19	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		19.1	°C	1	10/07/2025 10:19	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		1.23	mg/L	1	10/07/2025 10:19	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		6.25		1	10/07/2025 10:19	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		646	mg/L	1	10/10/2025 13:51	R372760
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/10/2025 13:51	R372760
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	32	40		5280	mg/L	2	10/09/2025 15:50	R372771
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	10/10/2025 12:55	R372793
Chloride	NELAP	1.00	5.00		108	mg/L	10	10/10/2025 12:55	R372793
Sulfate	NELAP	0.99	10.0		3150	mg/L	10	10/10/2025 12:55	R372793
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100		507	mg/L	1	10/13/2025 22:51	246067
Magnesium	NELAP	0.006	0.050		466	mg/L	1	10/13/2025 22:51	246067
Potassium	NELAP	0.040	0.100		8.57	mg/L	1	10/13/2025 22:51	246067
Sodium	NELAP	0.018	0.050		513	mg/L	1	10/13/2025 22:51	246067
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0		< 1.0	µg/L	5	10/30/2025 16:39	247115
Arsenic	NELAP	0.4	1.0		1.3	µg/L	5	10/11/2025 0:17	246067
Barium	NELAP	0.7	1.0		15.8	µg/L	5	10/17/2025 17:07	246067
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/14/2025 19:21	246067
Boron	NELAP	9.2	25.0		131	µg/L	5	10/16/2025 20:53	246067
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/11/2025 0:17	246067
Chromium	NELAP	0.7	1.5	J	1.2	µg/L	5	10/11/2025 0:17	246067
Cobalt	NELAP	0.1	1.0		5.8	µg/L	5	10/16/2025 20:53	246067
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/14/2025 19:21	246067
Lithium	*	1.4	3.0		122	µg/L	5	10/14/2025 19:21	246067
Molybdenum	NELAP	0.6	1.5		2.1	µg/L	5	10/17/2025 17:07	246067
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/11/2025 0:17	246067
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/11/2025 0:17	246067
<i>LCS recovered outside upper control limits. Sample results are below the reporting limit. Data is reportable per the TNI Standard.</i>									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/10/2025 13:45	246078



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-069
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW11 Duplicate
Collection Date: 10/07/2025 9:59

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
FIELD ELEVATION MEASUREMENTS									
Depth to water from measuring point	*	0	0		25.57	ft	1	10/07/2025 9:59	R373037
STANDARD METHODS 2130 B FIELD									
Turbidity	*	1.0	1.0		40	NTU	1	10/07/2025 9:59	R373037
STANDARD METHODS 18TH ED. 2580 B FIELD									
Oxidation-Reduction Potential	*	-2000	-2000		-52	mV	1	10/07/2025 9:59	R373037
STANDARD METHODS 2510 B FIELD									
Spec. Conductance, Field	*	0	0		1250	µS/cm	1	10/07/2025 9:59	R373037
STANDARD METHODS 2550 B FIELD									
Temperature	*	0	0		16.2	°C	1	10/07/2025 9:59	R373037
STANDARD METHODS 4500-O G FIELD									
Oxygen, Dissolved	*	0	0		0.96	mg/L	1	10/07/2025 9:59	R373037
SW-846 9040B FIELD									
pH	*	0	1.00		6.91		1	10/07/2025 9:59	R373037
STANDARD METHODS 2320 B (TOTAL) 2021									
Alkalinity, Bicarbonate (as CaCO ₃)	NELAP	0	0		405	mg/L	1	10/10/2025 13:21	R372760
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/10/2025 13:21	R372760
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		860	mg/L	1	10/09/2025 15:50	R372771
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50	J	0.16	mg/L	10	10/10/2025 12:08	R372793
Chloride	NELAP	1.00	5.00		25.7	mg/L	10	10/10/2025 12:08	R372793
Sulfate	NELAP	0.99	10.0		296	mg/L	10	10/10/2025 12:08	R372793
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.100	S	132	mg/L	1	10/13/2025 22:53	246067
Magnesium	NELAP	0.006	0.050		57.5	mg/L	1	10/13/2025 22:53	246067
Potassium	NELAP	0.040	0.100		1.60	mg/L	1	10/13/2025 22:53	246067
Sodium	NELAP	0.018	0.050		104	mg/L	1	10/13/2025 22:53	246067
<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	10/10/2025 23:01	246067
Arsenic	NELAP	0.4	1.0		2.9	µg/L	5	10/10/2025 23:01	246067
Barium	NELAP	0.7	1.0		43.0	µg/L	5	10/17/2025 16:10	246067
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/14/2025 19:34	246067
Boron	NELAP	9.2	25.0		59.6	µg/L	5	10/17/2025 16:10	246067
Cadmium	NELAP	0.2	1.0	S	< 1.0	µg/L	5	10/16/2025 20:06	246067
Chromium	NELAP	0.7	1.5	J	0.9	µg/L	5	10/16/2025 20:06	246067
Cobalt	NELAP	0.1	1.0	J	0.1	µg/L	5	10/16/2025 20:06	246067
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/14/2025 19:34	246067
Lithium	*	1.4	3.0		21.1	µg/L	5	10/14/2025 19:34	246067
Molybdenum	NELAP	0.6	1.5		6.0	µg/L	5	10/17/2025 16:10	246067
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/10/2025 23:01	246067
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/10/2025 23:01	246067

Matrix spike recovered outside upper control limits for Cd. Sample results are below the reporting limit. Data is reportable.

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



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-069
Matrix: GROUNDWATER

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: APW11 Duplicate
Collection Date: 10/07/2025 9:59

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/10/2025 13:47	246078



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092190-073
Matrix: AQUEOUS

Work Order: 25092190
Report Date: 14-Nov-25
Client Sample ID: Equipment Blank 1
Collection Date: 10/13/2025 12:25

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		0	mg/L	1	10/16/2025 13:13	R373059
STANDARD METHODS 2320 B 2021									
Alkalinity, Carbonate (as CaCO ₃)	NELAP	0	0		0	mg/L	1	10/16/2025 13:13	R373059
STANDARD METHODS 2540 C (TOTAL) 2020									
Total Dissolved Solids	NELAP	16	20		< 20	mg/L	1	10/14/2025 14:37	R372983
SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY									
Fluoride	NELAP	0.04	0.50		ND	mg/L	10	10/16/2025 22:35	R373085
Chloride	NELAP	1.00	5.00		ND	mg/L	10	10/16/2025 22:35	R373085
Sulfate	NELAP	0.99	10.0		ND	mg/L	10	10/16/2025 22:35	R373085
SW-846 3005A, 6010B, METALS BY ICP (TOTAL)									
Calcium	NELAP	0.035	0.10	J	0.037	mg/L	1	10/15/2025 16:01	246261
Magnesium	NELAP	0.006	0.050	J	0.006	mg/L	1	10/15/2025 16:01	246261
Potassium	NELAP	0.040	0.100		< 0.100	mg/L	1	10/15/2025 16:01	246261
Sodium	NELAP	0.018	0.050		0.074	mg/L	1	10/15/2025 16:01	246261
SW-846 3005A, 6020A, METALS BY ICPMS (TOTAL)									
Antimony	NELAP	0.4	1.0	J	0.9	µg/L	5	10/18/2025 7:31	246261
Arsenic	NELAP	0.4	1.0		< 1.0	µg/L	5	10/18/2025 7:31	246261
Barium	NELAP	0.7	1.0		< 1.0	µg/L	5	10/15/2025 5:58	246261
Beryllium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/15/2025 5:58	246261
Boron	NELAP	9.2	25	J	12	µg/L	5	10/15/2025 5:58	246261
Cadmium	NELAP	0.2	1.0		< 1.0	µg/L	5	10/15/2025 5:58	246261
Chromium	NELAP	0.7	1.5		< 1.5	µg/L	5	10/15/2025 5:58	246261
Cobalt	NELAP	0.1	1.0		< 1.0	µg/L	5	10/18/2025 7:31	246261
Lead	NELAP	0.6	1.0		< 1.0	µg/L	5	10/15/2025 5:58	246261
Lithium	*	1.4	3.0		< 3.0	µg/L	5	10/15/2025 5:58	246261
Molybdenum	NELAP	0.6	1.5	J	1.3	µg/L	5	10/20/2025 17:25	246261
Selenium	NELAP	0.6	1.0		< 1.0	µg/L	5	10/18/2025 7:31	246261
Thallium	NELAP	1.0	2.0		< 2.0	µg/L	5	10/15/2025 5:58	246261
CCV recovered outside the upper control limits for Co, Cu, Se, and Zn. Sample results are below the reporting limit. Data is reportable per the TNI standard.									
SW-846 7470A (TOTAL)									
Mercury	NELAP	0.06	0.20		< 0.20	µg/L	1	10/16/2025 17:16	246267



Sample Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4

Work Order: 25092190
Report Date: 14-Nov-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25092190-004	APW02	Groundwater	2	10/07/2025 10:19
25092190-005	APW03	Groundwater	2	10/07/2025 12:31
25092190-006	APW04	Groundwater	2	10/07/2025 12:50
25092190-007	APW05	Groundwater	2	10/07/2025 10:03
25092190-008	APW05S	Groundwater	2	10/07/2025 10:39
25092190-009	APW06	Groundwater	2	10/07/2025 11:26
25092190-010	APW07	Groundwater	2	10/13/2025 12:01
25092190-011	APW08	Groundwater	2	10/07/2025 11:27
25092190-012	APW09	Groundwater	2	10/07/2025 12:00
25092190-013	APW10	Groundwater	2	10/07/2025 13:22
25092190-014	APW11	Groundwater	2	10/07/2025 9:59
25092190-015	APW12	Groundwater	2	10/07/2025 12:16
25092190-016	APW13	Groundwater	2	10/07/2025 10:37
25092190-017	APW14	Groundwater	2	10/07/2025 11:05
25092190-018	APW15	Groundwater	2	10/07/2025 13:20
25092190-019	APW16	Groundwater	2	10/07/2025 12:09
25092190-020	APW17	Groundwater	2	10/07/2025 10:42
25092190-021	APW18	Groundwater	2	10/07/2025 9:43
25092190-063	SG02	Groundwater	1	10/06/2025 11:11
25092190-066	XSG01	Groundwater	1	10/06/2025 11:21
25092190-067	Field Blank	Aqueous	2	10/13/2025 11:35
25092190-068	APW02 Duplicate	Groundwater	2	10/07/2025 10:19
25092190-069	APW11 Duplicate	Groundwater	2	10/07/2025 9:59
25092190-073	Equipment Blank 1	Aqueous	2	10/13/2025 12:25



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 2510 B FIELD

Batch R373037		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		1430	1412	0	101.1	90	110	10/06/2025	

Batch R373037		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		1420	1412	0	100.5	90	110	10/07/2025	

Batch R373037		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	10/07/2025	

Batch R373037		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		1420	1412	0	100.8	90	110	10/07/2025	

Batch R373037		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	100.5	90	110	10/08/2025	

Batch R373037		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	10/08/2025	

Batch R373037		SampType: LCS		Units $\mu\text{S/cm}$							
SampID: LCS-3-AL											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Spec. Conductance, Field	*	0		1410	1412	0	100.1	90	110	10/08/2025	

Batch R373037		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	10/13/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 2510 B FIELD

Batch R373037		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	10/09/2025	

Batch R373037		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	10/09/2025	

Batch R373037		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	100.1	90	110	10/13/2025	

Batch R373037		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		1420	1412	0	100.8	90	110	10/13/2025	

SW-846 9040B FIELD

Batch R373037		SampType: LCS		Units							
SampID: LCS-1-AL											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH	*	1.00		7.02	7.000	0	100.3	98.57	101.4	10/06/2025	

Batch R373037		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		7.01	7.000	0	100.1	98.57	101.4	10/07/2025	

Batch R373037		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		6.97	7.000	0	99.6	98.57	101.4	10/07/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW-846 9040B FIELD

Batch R373037		SampType: LCS		Units								Date
SampID: LCS-2-AL												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		7.01	7.000	0	100.1	98.57	101.4			

Batch R373037		SampType: LCS		Units								Date
SampID: LCS-2-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			

Batch R373037		SampType: LCS		Units								Date
SampID: LCS-2-JC												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		6.96	7.000	0	99.4	98.57	101.4			

Batch R373037		SampType: LCS		Units								Date
SampID: LCS-3-AL												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			

Batch R373037		SampType: LCS		Units								Date
SampID: LCS-3-BG												Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
pH	*	1.00		7.01	7.000	0	100.1	98.57	101.4			

Batch R373037		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		6.95	7.000	0	99.3	98.57	101.4			

Batch R373037		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		7.08	7.000	0	101.1	98.57	101.4			

Batch R373037		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		6.98	7.000	0	99.7	98.57	101.4			



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW-846 9040B FIELD

Batch R373037		SampType: LCS		Units							
SampID: LCS-5-AL											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
pH	*	1.00		7.09	7.000	0	101.3	98.57	101.4	10/13/2025	

EPA 600 350.1 R2.0 (1993) (DISSOLVED)

Batch R372742		SampType: MS		Units mg/L							
SampID: 25092190-022EMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Nitrogen, Ammonia (as N)		0.10	S	1.74	2.000	0	87.2	90	110	10/10/2025	

Batch R372742		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25092190-022EMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10	S	1.74	2.000	0	86.9	1.744	0.34	10/10/2025

Batch R372742		SampType: MS		Units mg/L							
SampID: 25100598-001GMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)			0.20	S	4.39	4.000	1.060	83.3	90	110	10/10/2025

Batch R372742		SampType: MSD		Units mg/L					RPD Limit 10		
SampID: 25100598-001GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.20	S	4.49	4.000	1.060	85.8	4.390	2.34	10/10/2025

Batch R372886		SampType: MS		Units mg/L							
SampID: 25100895-001EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.20		4.74	4.000	1.089	91.2	90	110	10/14/2025	

Batch R372886		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25100895-001EMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.20		4.72	4.000	1.089	90.8	4.736	0.27	10/14/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

EPA 600 350.1 R2.0 (1993) (DISSOLVED)

Batch R372886		SampType: MS		Units mg/L						
SampID: 25100937-001GMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)		0.10	S	1.75	2.000	0	87.4	90	110	10/14/2025

Batch R372886		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25100937-001GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10	S	1.78	2.000	0	88.8	1.747	1.70	10/14/2025

EPA 600 350.1 R2.0 (1993) (TOTAL)

Batch R372742		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	10/10/2025	

Batch R372742		SampType: LCS		Units mg/L							
SampID: ICB/LCS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		0.96	1.000	0	95.7	90	110	10/10/2025

Batch R372742		SampType: MS		Units mg/L							
SampID: 25100613-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.20		4.71	4.000	1.088	90.6	90	110	10/10/2025	

Batch R372742		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25100613-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.20		4.69	4.000	1.088	90.1	4.714	0.49	10/10/2025

Batch R372742		SampType: MS		Units mg/L							
SampID: 25100645-001BMS											
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	0.05700	92.8	90	110	10/10/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

EPA 600 350.1 R2.0 (1993) (TOTAL)

Batch R372742		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25100645-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			0.10		1.92	2.000	0.05700	93.0	1.913	0.16	10/10/2025

Batch R372742		SampType: MS		Units mg/L							
SampID: 25100728-002BMS											
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	0.04100	90.0	90	110	10/10/2025	

Batch R372742		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25100728-002BMSD											
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	0.04100	92.2	1.842	2.25	10/10/2025

Batch R372742		SampType: MS		Units mg/L							
SampID: 25100730-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.90	2.000	0.03900	92.8	90	110	10/10/2025	

Batch R372742		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25100730-002BMSD											
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	0.03900	92.8	1.896	0.00	10/10/2025

Batch R372886		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	10/14/2025	

Batch R372886		SampType: LCS		Units mg/L							
SampID: ICV/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		0.10		1.00	1.000	0	99.7	90	110	10/14/2025	

Batch R372886		SampType: MS		Units mg/L							
SampID: 25100919-002CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		1.00		25.7	20.00	7.181	92.6	90	110	10/14/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

EPA 600 350.1 R2.0 (1993) (TOTAL)

Batch R372886		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25100919-002CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			1.00		25.9	20.00	7.181	93.5	25.70	0.74	10/14/2025

Batch R372886		SampType: MS		Units mg/L							
SampID: 25100924-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Ammonia (as N)		2.00	SE	101	40.00	65.67	89.1	90	110	10/14/2025	

Batch R372886		SampType: MSD		Units mg/L					RPD Limit 10		
SampID: 25100924-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Ammonia (as N)			2.00	E	102	40.00	65.67	90.9	101.3	0.71	10/14/2025

Batch R372886		SampType: MS		Units mg/L							
SampID: 25100982-001EMS											
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	92.2	90	110	10/14/2025	

Batch R372886		SampType: MSD		Units mg/L					RPD Limit 10		
SampID: 25100982-001EMSD											
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	94.1	1.845	1.99	10/14/2025

Batch R372886		SampType: MS		Units mg/L							
SampID: 25101149-001EMS											
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	93.8	90	110	10/14/2025	

Batch R372886		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25101149-001EMSD											
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	94.1	1.877	0.27	10/14/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 2540 C (TOTAL) 2020

Batch R372771		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	10/09/2025
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	10/09/2025
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	10/09/2025

Batch R372771		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		234	250.0	0	93.6	90	110	10/09/2025	
Total Dissolved Solids		20		236	250.0	0	94.4	90	110	10/09/2025	
Total Dissolved Solids		20		244	250.0	0	97.6	90	110	10/09/2025	

Batch R372771		SampType: DUP		Units mg/L					RPD Limit 10		
SampID: 25092190-011ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		668				662.0	0.90	10/09/2025

Batch R372771		SampType: DUP		Units mg/L					RPD Limit 10		Date Analyzed
SampID: 25100572-001ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Dissolved Solids		20		466				468.0	0.43	10/09/2025	

Batch R372771		SampType: DUP		Units mg/L							RPD Limit 10	
SampID: 25100633-003ADUP												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Dissolved Solids			20		452				442.0	2.24	10/09/2025	

Batch R372771		SampType: DUP		Units mg/L					RPD Limit 10		
SampID: 25100682-001BDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		654				638.0	2.48	10/09/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 2540 C (TOTAL) 2020

Batch R372840		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	10/10/2025
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	10/10/2025
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	10/10/2025

Batch R372840		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		238	250.0	0	95.2	90	110	10/10/2025	
Total Dissolved Solids		20		248	250.0	0	99.2	90	110	10/10/2025	
Total Dissolved Solids		20		250	250.0	0	100.0	90	110	10/10/2025	

Batch R372840		SampType: DUP		Units mg/L					RPD Limit 10		
SampID: 25092190-070ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		1910				1902	0.42	10/10/2025

Batch R372840		SampType: DUP		Units mg/L					RPD Limit 10		
SampID: 25100615-002ADUP											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Dissolved Solids		20		2770				2802	1.29	10/10/2025	

Batch R372840		SampType: DUP		Units mg/L					RPD Limit 10		
SampID: 25100647-008ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20	J	16				16.00	0.00	10/10/2025

Batch R372840		SampType: DUP		Units mg/L							RPD Limit 10	
SampID: 25100895-001BDUP												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Dissolved Solids			20		464				454.0	2.18	10/10/2025	

Batch R372905		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	10/13/2025
Total Dissolved Solids			20		< 20	16.00	0	0	-100	100	10/13/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 2540 C (TOTAL) 2020

Batch R372905		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		246	250.0	0	98.4	90	110	10/13/2025
Total Dissolved Solids		20		238	250.0	0	95.2	90	110	10/13/2025

Batch R372905		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25100609-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		370				372.0	0.54	10/13/2025

Batch R372905		SampType: DUP		Units mg/L					RPD Limit 10		
SampID: 25100937-001BDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		1090				1102	0.73	10/13/2025

Batch R372905		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25100942-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		1860				1916	2.75	10/13/2025

Batch R372905		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25100942-009ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		1500				1498	0.27	10/13/2025

Batch R372983		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK											
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	10/14/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	10/14/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	10/14/2025	

Batch R372983		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		238	250.0	0	95.2	90	110	10/14/2025	
Total Dissolved Solids		20		240	250.0	0	96.0	90	110	10/14/2025	
Total Dissolved Solids		20		268	250.0	0	107.2	90	110	10/14/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 2540 C (TOTAL) 2020

Batch R372983		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25092190-060EDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		1250				1256	0.48	10/14/2025

Batch R372983		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25100676-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		388				402.0	3.54	10/14/2025

Batch R372983		SampType: DUP	Units mg/L					RPD Limit 10			Date Analyzed	
SampID: 25100925-001ADUP												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Total Dissolved Solids		400		38600				38640	0.21	10/14/2025		

Batch R372983		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25100926-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			40		1100				1124	2.52	10/14/2025

Batch R372983		SampType:	DUP		Units mg/L				RPD Limit 10		
SampID: 25100949-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			50		2350				2390	1.69	10/14/2025

Batch R372983		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25101061-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		654				672.0	2.71	10/14/2025

Batch R372983		SampType:	DUP		Units mg/L				RPD Limit 10		
SampID: 25101062-001BDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		410				424.0	3.36	10/14/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 2540 C (TOTAL) 2020

Batch R373128		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	10/16/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	10/16/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	10/16/2025	
Total Dissolved Solids		20		< 20	16.00	0	0	-100	100	10/16/2025	

Batch R373128		SampType: LCS		Units mg/L							
SampleID: LCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Dissolved Solids		20		238	250.0	0	95.2	90	110	10/16/2025	
Total Dissolved Solids		20		234	250.0	0	93.6	90	110	10/16/2025	
Total Dissolved Solids		20		240	250.0	0	96.0	90	110	10/16/2025	
Total Dissolved Solids		20		256	250.0	0	102.4	90	110	10/16/2025	

Batch R373128		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25092190-076ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			40		4100				4076	0.68	10/16/2025

Batch R373128		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25100953-006BDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		274				272.0	0.73	10/16/2025

Batch R373128		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25101156-003ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		350				336.0	4.08	10/16/2025

Batch R373128		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25101158-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		388				378.0	2.61	10/16/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 2540 C (TOTAL) 2020

Batch R373128		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25101207-001CDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		390				362.0	7.45	10/16/2025

Batch R373128		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25101371-002CDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Dissolved Solids			20		710				714.0	0.56	10/16/2025

STANDARD METHODS 4500-NO2 B (DISSOLVED) 2021

Batch R372696		SampType: MS		Units mg/L							
SampID: 25092190-025BMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	102.6	85	115	10/09/2025	

Batch R372696		SampType: MSD	Units mg/L					RPD Limit 10		
SampID: 25092190-025BMSD										
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	0.5130	0.59	10/09/2025

Batch R372696		SampType: MS		Units mg/L							
SampID: 25092190-045BMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.48	0.5000	0.006000	95.8	85	115	10/09/2025

Batch R372696		SampType:	MSD		Units mg/L			RPD Limit 10			
SampID: 25092190-045BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.49	0.5000	0.006000	96.0	0.4850	0.21	10/09/2025

Batch R372696		SampType: MS		Units mg/L							
SampID: 25092190-047BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.56	0.5000	0.05000	101.4	85	115	10/09/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 4500-NO2 B (DISSOLVED) 2021

Batch R372696		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25092190-047BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Nitrite (as N)			0.05		0.56	0.5000	0.05000	102.6	0.5570	1.07	10/09/2025

Batch R372696		SampType: MS		Units mg/L							
SampID: 25092190-064BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrite (as N)		0.05	H	0.51	0.5000	0.005000	101.6	85	115	10/09/2025	

Batch R372696		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 25092190-064BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrite (as N)			0.05	H	0.51	0.5000	0.005000	101.6	0.5130	0.00	10/09/2025	

Batch R372696		SampType: MS		Units mg/L							
SampID: 25100895-004BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	102.0	85	115	10/09/2025	

Batch R372696		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 25100895-004BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrite (as N)			0.05		0.50	0.5000	0	101.0	0.5100	0.99	10/09/2025	

Batch R372696		SampType: MS		Units mg/L							
SampID: 25100937-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.52	0.5000	0	104.2	85	115	10/09/2025	

Batch R372696		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25100937-002BMSD											
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	101.4	0.5210	2.72	10/09/2025

Batch R372776		SampType: MS		Units mg/L							
SampID: 25101062-003BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.52	0.5000	0	104.6	85	115	10/10/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 4500-NO2 B (DISSOLVED) 2021

Batch R372776		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 25101062-003BMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrite (as N)			0.05		0.50	0.5000	0	100.6	0.5230	3.90	10/10/2025	

Batch R372776		SampType: MS		Units mg/L							
SampID: 25101062-010BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.52	0.5000	0	104.2	85	115	10/10/2025	

Batch R372776		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25101062-010BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.52	0.5000	0	103.8	0.5210	0.38	10/10/2025

Batch R372849		SampType: MS		Units mg/L							
SampID: 25092190-073CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.52	0.5000	0	104.2	85	115	10/13/2025	

Batch R372849		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25092190-073CMSD											
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	102.6	0.5210	1.55	10/13/2025

Batch R372929		SampType: MS		Units mg/L							
SampID: 25092190-067GMS											
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	100.4	85	115	10/14/2025	

Batch R372929		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25092190-067GMSD											
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	0.5020	0.20	10/14/2025

Batch R372929		SampType: MS		Units mg/L							
SampID: 25101244-001BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.49	0.5000	0	98.0	85	115	10/14/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 4500-NO2 B (DISSOLVED) 2021

Batch R372929		SampType: MSD		Units mg/L				RPD Limit 10			
SampleID: 25101244-001BMSD											
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	99.0	0.4900	1.02	10/14/2025

STANDARD METHODS 4500-NO2 B (TOTAL) 2021

Batch	R372696	SampType:	MBLK	Units mg/L								
SampID: MBLK											Date	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed		
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	10/09/2025		
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	10/09/2025		
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	10/09/2025		
Nitrogen, Nitrite (as N)		0.05		< 0.05	0.0250	0	0	-100	100	10/09/2025		

Batch	R372696	SampType:	LCS	Units mg/L								
SampleID: LCS												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed		
Nitrogen, Nitrite (as N)		0.05		0.30	0.3045	0	99.5	90	110	10/09/2025		
Nitrogen, Nitrite (as N)		0.05		0.31	0.3045	0	101.1	90	110	10/09/2025		
Nitrogen, Nitrite (as N)		0.05		0.31	0.3045	0	101.1	90	110	10/09/2025		
Nitrogen, Nitrite (as N)		0.05		0.31	0.3045	0	101.1	90	110	10/09/2025		

Batch R372696		SampType: MS		Units mg/L							
SampleID: 25100846-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.25		2.56	2.500	0	102.2	85	115	10/09/2025	

Batch R372696		SampType: MSD		Units mg/L				RPD Limit 10			
SampleID: 25100846-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.25		2.54	2.500	0	101.8	2.555	0.39	10/09/2025

Batch R372776		SampType: MBLK		Units mg/L							
SampleID: 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	10/10/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 4500-NO2 B (TOTAL) 2021

Batch R372776		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	106.4	90	110	10/10/2025	

Batch R372776		SampType: MS		Units mg/L							
SampID: 25101061-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.51	0.5000	0	102.2	85	115	10/10/2025	

Batch R372776		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25101061-001AMSD											
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	102.2	0.5110	0.00	10/10/2025

Batch R372849		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	10/13/2025
Nitrogen, Nitrite (as N)			0.05		< 0.05	0.0250	0	0	-100	100	10/13/2025

Batch R372849		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05		0.30	0.3045	0	99.8	90	110	10/13/2025	
Nitrogen, Nitrite (as N)		0.05		0.30	0.3045	0	99.8	90	110	10/13/2025	

Batch R372849		SampType: MS		Units mg/L							
SampID: 25101110-001AMS											
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	101.8	85	115	10/13/2025	

Batch R372849		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25101110-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05		0.49	0.5000	0	97.6	0.5090	4.21	10/13/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 4500-NO2 B (TOTAL) 2021

Batch R372849		SampType: MS		Units mg/L						
SampID: 25101133-001AMS										
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	0.01000	98.2	85	115	10/13/2025

Batch R372849		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25101133-001AMSD											
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	0.01000	99.2	0.5010	0.99	10/13/2025

Batch R372929		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	10/14/2025
Nitrogen, Nitrite (as N)			0.05		< 0.05	0.0250	0	0	-100	100	10/14/2025
Nitrogen, Nitrite (as N)			0.05		< 0.05	0.0250	0	0	-100	100	10/14/2025

Batch R372929		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		0.31	0.3045	0	102.1	90	110	10/14/2025	
Nitrogen, Nitrite (as N)		0.05		0.31	0.3045	0	101.5	90	110	10/14/2025	
Nitrogen, Nitrite (as N)		0.05		0.32	0.3045	0	105.1	90	110	10/14/2025	

Batch R372929		SampType: MS		Units mg/L							
SampID: 25101226-002AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrite (as N)		0.05	S	0.39	0.5000	0	78.6	85	115	10/14/2025	

Batch R372929		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25101226-002AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrite (as N)			0.05	S	0.39	0.5000	0	78.2	0.3930	0.51	10/14/2025

Batch R372929		SampType: MS		Units mg/L							
SampID: 25101284-001AMS											
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	0.008000	98.6	85	115	10/14/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 4500-NO2 B (TOTAL) 2021

Batch R372929		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25101284-001AMSD											
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	0.008000	98.8	0.5010	0.20	10/14/2025

STANDARD METHODS 4500-NO3 F (DISSOLVED) 2019

Batch R372724		SampType: MS		Units mg/L							
SampID: 25092190-033BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.236	0.2500	0	94.4	85	115	10/09/2025	

Batch R372724		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25092190-033BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.232	0.2500	0	92.8	0.2360	1.71	10/09/2025

Batch R372724		SampType: MS		Units mg/L							
SampID: 25092190-050BMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.253	0.2500	0.01800	94.0	85	115	10/09/2025

Batch R372724		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25092190-050BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.254	0.2500	0.01800	94.4	0.2530	0.39	10/09/2025

Batch R372724		SampType: MS		Units mg/L							
SampID: 25100895-007BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.235	0.2500	0	94.0	85	115	10/09/2025	

Batch	R372724	SampType:	MSD	Units mg/L					RPD Limit 10			Date Analyzed		
SampID: 25100895-007BMSD														
Analyses			Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Nitrogen, Nitrate-Nitrite (as N)					0.050		0.243	0.2500	0		97.2	0.2350	3.35	10/09/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 4500-NO3 F (DISSOLVED) 2019

Batch R372803 SampType: MS Units mg/L

SampID: 25092190-001GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		2.23	1.250	1.012	97.4	85	115	10/10/2025

Batch R372803 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25092190-001GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		2.42	1.250	1.012	112.4	2.230	8.05	10/10/2025

Batch R372803 SampType: MS Units mg/L

SampID: 25092190-060GMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		2.81	1.250	1.593	97.5	85	115	10/10/2025

Batch R372803 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25092190-060GMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.250		2.89	1.250	1.593	103.8	2.812	2.77	10/10/2025

Batch R372803 SampType: MS Units mg/L

SampID: 25101062-010BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.363	0.2500	0.1170	98.4	85	115	10/10/2025

Batch R372803 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25101062-010BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.361	0.2500	0.1170	97.6	0.3630	0.55	10/10/2025

Batch R372952 SampType: MS Units mg/L

SampID: 25101244-001BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		6.14	2.500	3.533	104.5	85	115	10/15/2025

Batch R372952 SampType: MSD Units mg/L

RPD Limit 10

SampID: 25101244-001BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.500		6.02	2.500	3.533	99.6	6.145	2.01	10/15/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 4500-NO3 F (TOTAL) 2019

Batch R372724		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	10/09/2025	

Batch R372724		SampType: LCS		Units mg/L							
SampID: ICB/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.491	0.5000	0	98.2	90	110	10/09/2025	

Batch R372724		SampType: MS		Units mg/L							
SampID: 25092190-064AMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.244	0.2500	0.01000	93.6	85	115	10/09/2025	

Batch R372724		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25092190-064AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.248	0.2500	0.01000	95.2	0.2440	1.63	10/09/2025

Batch R372724		SampType: MS		Units mg/L							
SampID: 25100796-001AMS											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.05		0.42	0.2500	0.1790	95.2	90	110	10/09/2025	

Batch R372724		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25100796-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.05		0.43	0.2500	0.1790	100.0	0.4170	2.84	10/09/2025

Batch R372803		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	10/10/2025	

Batch R372803		SampType: LCS		Units mg/L							
SampID: ICB/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.504	0.5000	0	100.8	90	110	10/10/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 4500-NO3 F (TOTAL) 2019

Batch R372803		SampType: MS		Units mg/L						
SampID: 25092190-062AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.235	0.2500	0	94.0	85	115	10/10/2025

Batch R372803		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25092190-062AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.239	0.2500	0	95.6	0.2350	1.69	10/10/2025

Batch R372803		SampType: MS		Units mg/L							
SampID: 25100515-002CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		1.00		10.6	5.000	5.312	105.2	90	110	10/10/2025	

Batch R372803		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25100515-002CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			1.00		10.5	5.000	5.312	103.8	10.57	0.68	10/10/2025

Batch R372803		SampType: MS		Units mg/L							
SampID: 25101061-001AMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.257	0.2500	0.01800	95.6	85	115	10/10/2025

Batch R372803		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25101061-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.257	0.2500	0.01800	95.6	0.2570	0.00	10/10/2025

Batch R372879		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	10/13/2025	

Batch R372879		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		0.479	0.5000	0	95.8	90	110	10/13/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 4500-NO3 F (TOTAL) 2019

Batch R372952		SampType: MBLK		Units mg/L							Date
SampID: ICB/MBLK											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.050		< 0.050	0.0090	0	0	-100	100	10/14/2025	

Batch R372952		SampType: LCS		Units mg/L							Date
SampID: ICV/LCS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.472	0.5000	0	94.4	90	110	10/14/2025	

Batch R372952		SampType: MS		Units mg/L							Date
SampID: 25092190-073AMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.228	0.2500	0	91.2	85	115	10/15/2025	

Batch R372952		SampType: MSD		Units mg/L							RPD Limit 10
SampID: 25092190-073AMSD											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)		0.050		0.231	0.2500	0	92.4	0.2280	1.31	10/15/2025	

Batch R372952		SampType: MS		Units mg/L							Date
SampID: 25100641-002BMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.500		7.12	2.500	4.648	99.0	90	110	10/14/2025	

Batch R372952		SampType: MSD		Units mg/L							RPD Limit 10
SampID: 25100641-002BMSD											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)		0.500		7.13	2.500	4.648	99.4	7.123	0.13	10/14/2025	

Batch R372952		SampType: MS		Units mg/L							Date
SampID: 25100692-001BMS											Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.250		3.68	1.250	2.509	93.8	90	110	10/14/2025	

Batch R372952		SampType: MSD		Units mg/L							RPD Limit 10
SampID: 25100692-001BMSD											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Nitrogen, Nitrate-Nitrite (as N)		0.250		3.75	1.250	2.509	99.6	3.682	1.94	10/14/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 4500-NO3 F (TOTAL) 2019

Batch R372952		SampType: MS		Units mg/L						
SampID: 25100709-002CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		32.4	12.50	20.20	97.9	90	110	10/14/2025

Batch R372952		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25100709-002CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			2.50		32.5	12.50	20.20	98.4	32.44	0.18	10/14/2025

Batch R372952		SampType: MS		Units mg/L							
SampID: 25100837-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)		0.100		1.97	0.5000	1.475	99.4	90	110	10/14/2025	

Batch R372952		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25100837-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.100		1.94	0.5000	1.475	93.0	1.972	1.64	10/14/2025

Batch R372952		SampType: MS		Units mg/L							
SampID: 25100952-001DMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Nitrogen, Nitrate-Nitrite (as N)		0.250	E	6.07	1.250	4.928	91.7	90	110	10/14/2025	

Batch R372952		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25100952-001DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.250	E	6.21	1.250	4.928	102.3	6.074	2.17	10/14/2025

Batch R372952		SampType: MS		Units mg/L							
SampID: 25100976-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrogen, Nitrate-Nitrite (as N)			0.100		1.34	0.5000	0.8600	95.0	90	110	10/14/2025

Batch R372952		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25100976-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.100		1.37	0.5000	0.8600	102.8	1.335	2.88	10/14/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 4500-NO3 F (TOTAL) 2019

Batch R372952		SampType: MS		Units mg/L						
SampID: 25101133-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)		2.50		34.6	12.50	22.49	96.6	90	110	10/14/2025

Batch R372952		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25101133-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			2.50		34.2	12.50	22.49	93.7	34.57	1.05	10/14/2025

Batch R372952		SampType: MS		Units mg/L							
SampID: 25101292-001GMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.280	0.2500	0.03400	98.4	85	115	10/15/2025

Batch R372952		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25101292-001GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Nitrogen, Nitrate-Nitrite (as N)			0.050		0.278	0.2500	0.03400	97.6	0.2800	0.72	10/15/2025

STANDARD METHODS 5220 D (TOTAL) 2011

Batch R373027		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	10/16/2025	

Batch R373027		SampType: LCS		Units mg/L							
SampID: LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chemical Oxygen Demand		50		218	219.0	0	99.3	90	110	10/16/2025	

Batch R373027		SampType: MS		Units mg/L							
SampID: 25100651-001CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chemical Oxygen Demand		200		1960	2000	0	98.1	85	115	10/16/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 5220 D (TOTAL) 2011

Batch R373027		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25100651-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand			200		1930	2000	0	96.4	1963	1.76	10/16/2025

Batch R373027		SampType: MS		Units mg/L							
SampID: 25100982-010DMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chemical Oxygen Demand		100		1010	1000	0	100.7	90	110	10/16/2025	

Batch R373027		SampType: MSD		Units mg/L					RPD Limit 10		
SampID: 25100982-010DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand			100		934	1000	0	93.4	1007	7.48	10/16/2025

Batch R373027		SampType: MS		Units mg/L							
SampID: 25101063-009EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chemical Oxygen Demand		100		998	1000	0	99.8	90	110	10/16/2025	

Batch R373027		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25101063-009EMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand			100		981	1000	0	98.1	998.4	1.73	10/16/2025

Batch R373095		SampType: MBLK		Units mg/L							
SampID: MBLK											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chemical Oxygen Demand			50		< 50	17.00	0	0	-100	100	10/17/2025

Batch R373095		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		220	219.0	0	100.3	90	110	10/17/2025	

Batch R373095		SampType: MS		Units mg/L							
SampID: 25100982-001EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chemical Oxygen Demand		200		1940	2000	0	96.9	85	115	10/17/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

STANDARD METHODS 5220 D (TOTAL) 2011

Batch R373095		SampType: MSD		Units mg/L		RPD Limit 10					
SampID: 25100982-001EMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Chemical Oxygen Demand		200		1840	2000	0	92.2	1937	4.97	10/17/2025	

Batch R373095		SampType: MS		Units mg/L							
SampID: 25101330-001CMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chemical Oxygen Demand		100		981	1000	38.23	94.3	90	110	10/17/2025	

Batch R373095		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed	
SampID: 25101330-001CMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Chemical Oxygen Demand			100		969	1000	38.23	93.0	981.4	1.31		

Batch R373095		SampType: MS		Units mg/L							
SampID: 25101427-003BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chemical Oxygen Demand		100		977	1000	0	97.7	90	110	10/17/2025	

Batch R373095		SampType: MSD		Units mg/L				RPD Limit 10			Date Analyzed
SampID: 25101427-003BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Chemical Oxygen Demand		100		977	1000	0	97.7	977.1	0.00		

Batch R373095		SampType: MS		Units mg/L							
SampID: 25101427-006BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chemical Oxygen Demand		100		981	1000	44.63	93.7	90	110	10/17/2025	

Batch R373095		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25101427-006BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chemical Oxygen Demand			100		964	1000	44.63	92.0	981.4	1.76	10/17/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW-846 9012A (TOTAL)

Batch 246160		SampType: MBLK		Units mg/L							
SampID: MBLK 251010 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	10/14/2025	

Batch 246160		SampType: LCS		Units mg/L							
SampID: LCS 251010 TCN1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.022	0.0250	0	89.5	85	115	10/14/2025	

Batch 246161		SampType: MBLK		Units mg/L							
SampID: MBLK 251010 TCN2											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		< 0.005	0.0015	0	0	-100	100	10/14/2025	

Batch 246161		SampType: LCS		Units mg/L							
SampID: LCS 251010 TCN2											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.025	0.0250	0	99.3	85	115	10/14/2025	

Batch 246161		SampType: MS		Units mg/L							
SampID: 25092190-048DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.022	0.0250	0	89.5	75	125	10/14/2025	

Batch 246161		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25092190-048DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide			0.005		0.022	0.0250	0	88.5	0.02238	1.17	10/14/2025

Batch 246161		SampType: MS		Units mg/L							
SampID: 25100895-001DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.025	0.0250	0	99.5	75	125	10/14/2025	

Batch 246161		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25100895-001DMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide		0.005		0.024	0.0250	0	97.5	0.02488	2.05	10/14/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW-846 9012A (TOTAL)

Batch 246544		SampType: MBLK		Units mg/L							
SampID: MBLK 251017 TCN2											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		< 0.005	0.0015	0	0	-100	100	10/20/2025	

Batch 246544		SampType: LCS		Units mg/L							
SampID: LCS 251017 TCN2											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.025	0.0250	0	99.6	90	110	10/20/2025	

Batch 246544		SampType: MS		Units mg/L							
SampID: 25101071-001CMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005	S	0.022	0.0250	0	89.1	90	110	10/20/2025	

Batch 246544		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25101071-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide			0.005		0.023	0.0250	0	90.8	0.02227	1.91	10/20/2025

Batch 246544		SampType: MS		Units mg/L							
SampID: 25101083-001CMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005	S	0.022	0.0250	0	86.9	90	110	10/20/2025	

Batch 246544		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25101083-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide			0.005		0.023	0.0250	0	90.8	0.02173	4.32	10/20/2025

Batch 246612		SampType: MBLK		Units mg/L							
SampID: MBLK 251020 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	10/21/2025	

Batch 246612		SampType: LCS		Units mg/L							
SampID: LCS 251020 TCN1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.005		0.026	0.0250	0	104.6	90	110	10/21/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW-846 9012A (TOTAL)

Batch 246612		SampType: MS		Units mg/L							
SampID: 25101119-003DMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide		0.005		0.026	0.0250	0	103.4	75	125	10/21/2025	

Batch 246612		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25101119-003DMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide		0.005		0.027	0.0250	0	108.7	0.02586	5.00	10/21/2025	

Batch 246612		SampType: MS		Units mg/L							
SampID: 25101128-001DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide		0.025		0.143	0.1250	0.01198	104.8	90	110	10/21/2025	

Batch 246612		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25101128-001DMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide		0.025		0.134	0.1250	0.01198	97.2	0.1429	6.82	10/21/2025	

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R372793		SampType: MS		Units mg/L							
SampID: 25092190-022BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		0.50		11.4	10.00	0.1770	111.9	80	120	10/09/2025	
Chloride		5.00		266	200.0	52.16	106.8	80	120	10/09/2025	
Sulfate		10.0		446	200.0	246.0	100.2	80	120	10/09/2025	

Batch R372793		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25092190-022BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		11.2	10.00	0.1770	109.9	11.37	1.77	10/09/2025
Chloride		5.00		263	200.0	52.16	105.3	265.8	1.18	10/09/2025
Sulfate		10.0		443	200.0	246.0	98.7	446.3	0.66	10/09/2025



Quality Control Results

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Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R372793		SampType: MS		Units mg/L						
SampID: 25092190-047BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Chloride		5.00		228	200.0	21.08	103.3	80	120	10/10/2025
Sulfate		10.0		532	200.0	327.2	102.2	80	120	10/10/2025

Batch R372793		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25092190-047BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			5.00		226	200.0	21.08	102.4	227.7	0.83	10/10/2025
Sulfate			10.0		526	200.0	327.2	99.6	531.5	0.98	10/10/2025

Batch R372793		SampType: MS		Units mg/L						
SampID: 25100602-001LMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.1	10.00	0	111.3	80	120	10/09/2025
Chloride		5.00		262	200.0	50.40	105.9	80	120	10/09/2025
Sulfate		10.0		1370	200.0	1162	103.9	80	120	10/09/2025

Batch R372793		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25100602-001LMSD											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Fluoride			0.50		11.2	10.00	0	112.2	11.13	0.81	10/09/2025
Chloride			5.00		262	200.0	50.40	106.0	262.2	0.09	10/09/2025
Sulfate			10.0		1370	200.0	1162	102.6	1370	0.18	10/09/2025

Batch R372798		SampType: MS		Units mg/L						
SampID: 25100937-003BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.82	10.00	0.06800	97.6	80	120	10/10/2025
Chloride		5.00		263	200.0	50.95	106.1	80	120	10/10/2025
Sulfate		10.0		540	200.0	340.5	99.5	80	120	10/10/2025

Batch R372798		SampType: MSD	Units mg/L					RPD Limit 15		
SampID: 25100937-003BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.50		9.48	10.00	0.06800	94.1	9.825	3.57	10/10/2025
Chloride		5.00		255	200.0	50.95	102.1	263.1	3.04	10/10/2025
Sulfate		10.0		532	200.0	340.5	95.9	539.6	1.35	10/10/2025



Quality Control Results

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Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R372956		SampType: MS		Units mg/L							
SampID: 25092190-072BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chloride		5.00		268	200.0	58.61	104.8	80	120	10/14/2025	
Sulfate		10.0		295	200.0	101.7	96.8	80	120	10/14/2025	

Batch R372956		SampType: MSD		Units mg/L					RPD Limit 15		
SampleID: 25092190-072BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Chloride			5.00		267	200.0	58.61	104.4	268.1	0.30	10/14/2025
Sulfate			10.0		296	200.0	101.7	97.1	295.3	0.16	10/14/2025

Batch R372956		SampType: MS		Units mg/L						
SampID: 25101219-004CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.25		4.94	5.000	0.2205	94.5	80	120	10/15/2025
Chloride		2.50		102	100.0	1.878	100.3	80	120	10/15/2025
Sulfate		5.00		91.9	100.0	0	91.9	80	120	10/15/2025

Batch R372956		SampType: MSD		Units mg/L				RPD Limit 15			
SampleID: 25101219-004CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.25		4.89	5.000	0.2205	93.5	4.944	1.02	10/15/2025
Chloride			2.50		102	100.0	1.878	99.6	102.2	0.66	10/15/2025
Sulfate			5.00		91.2	100.0	0	91.2	91.90	0.72	10/15/2025

Batch R373048		SampType: MBLK		Units mg/L							
SampleID: MB-R373048											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.05		ND						10/15/2025	
Chloride		0.50		ND						10/15/2025	
Sulfate		1.00		ND						10/15/2025	

Batch R373048		SampType: LCS		Units mg/L						
SampID: LCS-R373048										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		0.94	1.000	0	93.7	90	110	10/15/2025
Chloride		0.50		20.2	20.00	0	101.0	90	110	10/15/2025
Sulfate		1.00		18.8	20.00	0	93.9	90	110	10/15/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R373048		SampType: MS		Units mg/L						
SampID: 25100953-001BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.58	10.00	0.3150	92.7	80	120	10/16/2025
Chloride		5.00		227	200.0	24.78	101.3	80	120	10/16/2025
Sulfate		10.0		195	200.0	12.14	91.6	80	120	10/16/2025

Batch R373048		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25100953-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		9.52	10.00	0.3150	92.0	9.584	0.69	10/16/2025
Chloride			5.00		226	200.0	24.78	100.5	227.3	0.68	10/16/2025
Sulfate			10.0		194	200.0	12.14	91.2	195.3	0.43	10/16/2025

Batch R373048		SampType: MS		Units mg/L						
SampID: 25101121-003BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.25		4.28	5.000	0	85.6	80	120	10/16/2025
Chloride		2.50		156	100.0	54.25	102.1	80	120	10/16/2025
Sulfate		5.00		580	100.0	474.4	105.2	80	120	10/16/2025

Batch R373048		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25101121-003BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Fluoride			0.25		4.33	5.000	0	86.6	4.279	1.21	
Chloride			2.50		157	100.0	54.25	102.6	156.3	0.37	
Sulfate			5.00		577	100.0	474.4	102.5	579.6	0.46	

Batch R373085		SampType: MBLK		Units mg/L							
SampID: MB-R373085											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.05		ND						10/16/2025	
Chloride		0.50		ND						10/16/2025	
Sulfate		1.00		ND						10/16/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW846 9056A DISSOLVED ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R373085		SampType: LCS		Units mg/L						
SampID: LCS-R373085										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		0.95	1.000	0	94.9	90	110	10/16/2025
Chloride		0.50		20.5	20.00	0	102.4	90	110	10/16/2025
Sulfate		1.00		18.8	20.00	0	94.2	90	110	10/16/2025

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R372793		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	10/09/2025
Chloride		0.50		ND	0.1000	0	0	0	100	10/09/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	10/09/2025

Batch R372793		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	104.8	90	110	10/09/2025
Chloride		0.50		19.9	20.00	0	99.3	90	110	10/09/2025
Sulfate		1.00		18.3	20.00	0	91.7	90	110	10/09/2025

Batch R372793		SampType: MS		Units mg/L						
SampID: 25092190-005AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.3	10.00	0.07200	111.9	80	120	10/10/2025
Chloride		5.00		213	200.0	7.487	102.7	80	120	10/10/2025
Sulfate		10.0		345	200.0	149.8	97.7	80	120	10/10/2025

Batch R372793		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25092190-005AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Fluoride			0.50		11.1	10.00	0.07200	110.3	11.26	1.44	
Chloride			5.00		210	200.0	7.487	101.5	212.9	1.20	
Sulfate			10.0		344	200.0	149.8	97.0	345.2	0.43	



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R372793		SampType: MS		Units mg/L						
SampID: 25092190-018AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.6	10.00	0	115.7	80	120	10/10/2025
Chloride		5.00		497	200.0	275.9	110.4	80	120	10/10/2025
Sulfate		10.0		184	200.0	0	91.9	80	120	10/10/2025

Batch R372793		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25092190-018AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		11.5	10.00	0	115.1	11.57	0.54	10/10/2025
Chloride			5.00		498	200.0	275.9	111.1	496.8	0.25	10/10/2025
Sulfate			10.0		183	200.0	0	91.4	183.8	0.60	10/10/2025

Batch R372793		SampType: MS		Units mg/L						
SampID: 25092190-069AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.5	10.00	0.1570	113.4	80	120	10/10/2025
Chloride		5.00		236	200.0	25.68	105.0	80	120	10/10/2025
Sulfate		10.0		499	200.0	295.7	101.6	80	120	10/10/2025

Batch R372793		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25092190-069AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		11.4	10.00	0.1570	112.0	11.50	1.19	10/10/2025
Chloride			5.00		233	200.0	25.68	103.6	235.7	1.22	10/10/2025
Sulfate			10.0		496	200.0	295.7	100.4	498.8	0.49	10/10/2025

Batch R372793		SampType: MS		Units mg/L						
SampID: 25100585-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		5.00		112	100.0	1.190	110.8	80	120	10/09/2025
Chloride		50.0		6890	2000	4645	112.1	80	120	10/09/2025
Sulfate		100		2280	2000	369.6	95.3	80	120	10/09/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R372793		SampType: MSD		Units mg/L				RPD Limit 15			Date Analyzed
SampID: 25100585-001AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride		5.00		111	100.0	1.190	110.2	112.0	0.53		
Chloride		50.0		6920	2000	4645	113.8	6888	0.47		
Sulfate		100		2280	2000	369.6	95.3	2277	0.03		

Batch R372793		SampType: MS		Units mg/L							
SampID: 25100600-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.50		11.9	10.00	0.7240	111.9	80	120	10/09/2025	
Chloride		5.00		237	200.0	27.17	104.8	80	120	10/09/2025	
Sulfate		10.0		475	200.0	273.0	101.1	80	120	10/09/2025	

Batch R372793		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25100600-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		11.8	10.00	0.7240	111.0	11.91	0.80	10/09/2025
Chloride			5.00		236	200.0	27.17	104.4	236.7	0.27	10/09/2025
Sulfate			10.0		474	200.0	273.0	100.3	475.2	0.30	10/09/2025

Batch R372793		SampType: MS		Units mg/L						
SampID: 25100602-002FMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		11.1	10.00	0	111.0	80	120	10/09/2025
Chloride		5.00		225	200.0	17.52	104.0	80	120	10/09/2025
Sulfate		10.0		1650	200.0	1409	118.9	80	120	10/09/2025

Batch R372793		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25100602-002FMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride		0.50		11.1	10.00	0	111.2	11.10	0.23		
Chloride		5.00		226	200.0	17.52	104.1	225.4	0.11		
Sulfate		10.0		1630	200.0	1409	109.1	1647	1.20		



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R372798		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	10/10/2025
Chloride		0.50		ND	0.1000	0	0	0	100	10/10/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	10/10/2025

Batch R372798		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		0.95	1.000	0	95.0	90	110	10/10/2025
Chloride		0.50		19.7	20.00	0	98.7	90	110	10/10/2025
Sulfate		1.00		18.3	20.00	0	91.5	90	110	10/10/2025

Batch R372798		SampType: MS		Units mg/L						
SampID: 25100786-001CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		5.00		81.6	100.0	0	81.6	80	120	10/11/2025
Chloride		50.0		8290	2000	6473	91.0	80	120	10/11/2025
Sulfate		100		4750	2000	2759	99.7	80	120	10/11/2025

Batch R372798		SampType: MSD		Units mg/L					RPD Limit 15	
SampID: 25100786-001CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		5.00		80.0	100.0	0	80.0	81.65	2.00	10/11/2025
Chloride		50.0	S	9230	2000	6473	137.9	8293	10.72	10/11/2025
Sulfate		100	S	5300	2000	2759	127.2	4752	10.95	10/11/2025

Batch R372798		SampType: MS		Units mg/L							Date Analyzed
SampID: 25100786-002CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Fluoride		5.00		95.1	100.0	0	95.1	80	120		
Chloride		50.0	S	8250	2000	7217	51.8	80	120		
Sulfate		100		4890	2000	3279	80.4	80	120		



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R372798		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25100786-002CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		5.00		94.9	100.0	0	94.9	95.08	0.23	10/11/2025
Chloride		50.0	S	8350	2000	7217	56.8	8254	1.20	10/11/2025
Sulfate		100		4930	2000	3279	82.3	4886	0.81	10/11/2025

Batch R372798		SampType: MS		Units mg/L						
SampID: 25100900-002AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.64	10.00	0.2600	93.8	80	120	10/11/2025
Chloride		5.00		568	200.0	374.1	96.9	80	120	10/11/2025
Sulfate		10.0		339	200.0	151.2	93.7	80	120	10/11/2025

Batch R372798		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25100900-002AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		9.46	10.00	0.2600	92.0	9.643	1.88	10/11/2025
Chloride			5.00		565	200.0	374.1	95.6	568.0	0.45	10/11/2025
Sulfate			10.0		336	200.0	151.2	92.5	338.5	0.71	10/11/2025

Batch R372798		SampType: MS		Units mg/L						
SampID: 25100972-004AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		12.8	10.00	3.019	98.2	80	120	10/11/2025
Chloride		5.00		297	200.0	84.14	106.7	80	120	10/11/2025
Sulfate		10.0		189	200.0	1.658	93.5	80	120	10/11/2025

Batch R372798		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25100972-004AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		12.5	10.00	3.019	94.7	12.84	2.83	10/11/2025
Chloride			5.00		291	200.0	84.14	103.3	297.5	2.29	10/11/2025
Sulfate			10.0		181	200.0	1.658	89.7	188.7	4.11	10/11/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R372956		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	10/14/2025
Chloride		0.50		ND	0.1000	0	0	0	100	10/14/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	10/14/2025

Batch R372956		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		0.97	1.000	0	96.7	90	110	10/14/2025
Chloride		0.50		20.4	20.00	0	102.0	90	110	10/14/2025
Sulfate		1.00		18.6	20.00	0	92.9	90	110	10/14/2025

Batch R372956		SampType: MS		Units mg/L						
SampID: 25092190-002EMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		10.1	10.00	0.4800	96.5	80	120	10/14/2025
Chloride		5.00		285	200.0	73.85	105.3	80	120	10/14/2025
Sulfate		10.0		306	200.0	113.1	96.5	80	120	10/14/2025

Batch R372956		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25092190-002EMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Fluoride			0.50		9.97	10.00	0.4800	94.9	10.13	1.56	
Chloride			5.00		282	200.0	73.85	103.8	284.5	1.06	
Sulfate			10.0		303	200.0	113.1	94.7	306.2	1.20	

Batch R372956		SampType: MS		Units mg/L						
SampID: 25092190-010AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.87	10.00	0.3410	95.3	80	120	10/14/2025
Chloride		5.00		270	200.0	62.74	103.8	80	120	10/14/2025
Sulfate		10.0		200	200.0	16.18	92.0	80	120	10/14/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R372956		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25092190-010AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride		0.50		9.79	10.00	0.3410	94.5	9.871	0.82		
Chloride		5.00		269	200.0	62.74	103.1	270.3	0.50		
Sulfate		10.0		198	200.0	16.18	91.1	200.2	0.96		

Batch R372956		SampType: MS		Units mg/L							
SampID: 25101172-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		5.00		97.6	100.0	1.140	96.5	80	120	10/14/2025	
Chloride		50.0		5390	2000	3387	100.0	80	120	10/14/2025	
Sulfate		100		3470	2000	1522	97.1	80	120	10/14/2025	

Batch R372956		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25101172-001AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		5.00		97.3	100.0	1.140	96.2	97.65	0.33	10/15/2025
Chloride		50.0		5360	2000	3387	98.7	5387	0.49	10/15/2025
Sulfate		100		3460	2000	1522	96.7	3465	0.27	10/15/2025

Batch R373048		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	10/15/2025
Chloride		0.50		ND	0.1000	0	0	0	100	10/15/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	10/15/2025

Batch R373048		SampType: LCS		Units mg/L						
SampID: LCS/ICV/QCS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.05		0.94	1.000	0	93.7	90	110	10/15/2025
Chloride		0.50		20.2	20.00	0	101.0	90	110	10/15/2025
Sulfate		1.00		18.8	20.00	0	93.9	90	110	10/15/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R373048		SampType: MS		Units mg/L						
SampID: 25100990-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.25		4.80	5.000	0.4390	87.3	80	120	10/16/2025
Chloride		2.50		473	100.0	391.8	81.4	80	120	10/16/2025
Sulfate		5.00		119	100.0	26.20	92.8	80	120	10/16/2025

Batch R373048		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25100990-001AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.25		4.76	5.000	0.4390	86.4	4.802	0.88	10/16/2025
Chloride		2.50		472	100.0	391.8	80.7	473.1	0.15	10/16/2025
Sulfate		5.00		118	100.0	26.20	91.8	119.0	0.85	10/16/2025

Batch R373048		SampType: MS		Units mg/L						
SampID: 25101241-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.10		2.04	2.000	0.1706	93.5	80	120	10/15/2025
Chloride		1.00		61.8	40.00	19.73	105.2	80	120	10/15/2025
Sulfate		2.00		74.3	40.00	34.91	98.4	80	120	10/15/2025

Batch R373048		SampType: MSD		Units mg/L					RPD Limit 15		
SampID: 25101241-001AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.10		2.02	2.000	0.1706	92.4	2.041	1.15	10/15/2025
Chloride			1.00		61.1	40.00	19.73	103.5	61.81	1.10	10/15/2025
Sulfate			2.00		73.8	40.00	34.91	97.2	74.25	0.60	10/15/2025

Batch R373048		SampType: MS		Units mg/L						
SampID: 25101345-001AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.20		4.77	4.000	1.022	93.8	80	120	10/16/2025
Chloride		2.00		84.9	80.00	4.676	100.2	80	120	10/16/2025
Sulfate		4.00		85.6	80.00	10.08	94.3	80	120	10/16/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R373048		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25101345-001AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Fluoride		0.20		4.69	4.000	1.022	91.8	4.772	1.64		
Chloride		2.00		83.4	80.00	4.676	98.4	84.88	1.78		
Sulfate		4.00		83.9	80.00	10.08	92.3	85.55	1.96		

Batch R373048		SampType: MS		Units mg/L						
SampID: 25101345-006AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.20		4.13	4.000	0.5020	90.6	80	120	10/16/2025
Chloride		2.00		107	80.00	26.42	100.2	80	120	10/16/2025
Sulfate		4.00		122	80.00	46.61	94.5	80	120	10/16/2025

Batch R373048		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25101345-006AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Fluoride			0.20		4.11	4.000	0.5020	90.3	4.126	0.30	
Chloride			2.00		107	80.00	26.42	100.1	106.6	0.07	
Sulfate			4.00		122	80.00	46.61	94.0	122.2	0.33	

Batch R373048		SampType: MS		Units mg/L						
SampID: 25101345-012AMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.20		4.03	4.000	0.4592	89.4	80	120	10/16/2025
Chloride		2.00		139	80.00	56.13	103.2	80	120	10/16/2025
Sulfate		4.00		313	80.00	229.8	103.4	80	120	10/16/2025

Batch R373048		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25101345-012AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.20		3.99	4.000	0.4592	88.3	4.034	1.05	10/16/2025
Chloride		2.00		138	80.00	56.13	102.8	138.7	0.24	10/16/2025
Sulfate		4.00		314	80.00	229.8	104.6	312.5	0.31	10/16/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R373085		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	10/16/2025
Chloride		0.50		ND	0.1000	0	0	0	100	10/16/2025
Sulfate		1.00		ND	0.0990	0	0	0	100	10/16/2025

Batch R373085		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		0.95	1.000	0	94.9	90	110	10/16/2025
Chloride		0.50		20.5	20.00	0	102.4	90	110	10/16/2025
Sulfate		1.00		18.8	20.00	0	94.2	90	110	10/16/2025

Batch R373085		SampType: MS		Units mg/L						
SampID: 25101464-001BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.82	10.00	0.6240	92.0	80	120	10/16/2025
Chloride		5.00		429	200.0	225.9	101.5	80	120	10/16/2025
Sulfate		10.0		465	200.0	269.2	97.8	80	120	10/16/2025

Batch R373085		SampType: MSD		Units mg/L					RPD Limit 15		Date Analyzed
SampID: 25101464-001BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Fluoride			0.50		9.71	10.00	0.6240	90.9	9.820	1.12	
Chloride			5.00		425	200.0	225.9	99.5	428.8	0.93	
Sulfate			10.0		462	200.0	269.2	96.2	464.9	0.69	

Batch R373085		SampType: MS		Units mg/L						
SampID: 25101464-002BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Fluoride		0.50		9.24	10.00	0.1080	91.4	80	120	10/17/2025
Chloride		5.00		225	200.0	25.69	99.5	80	120	10/17/2025
Sulfate		10.0		220	200.0	37.44	91.4	80	120	10/17/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW846 9056A TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY

Batch R373085		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25101464-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride			0.50		9.26	10.00	0.1080	91.5	9.243	0.16	10/17/2025
Chloride			5.00		225	200.0	25.69	99.4	224.8	0.08	10/17/2025
Sulfate			10.0		221	200.0	37.44	91.7	220.2	0.29	10/17/2025

Batch R373085		SampType: MS		Units mg/L							
SampID: 25101541-001AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Fluoride		0.20		3.92	4.000	0.1156	95.2	80	120	10/17/2025	
Chloride		2.00		117	80.00	31.47	106.5	80	120	10/17/2025	
Sulfate		4.00		212	80.00	128.6	104.2	80	120	10/17/2025	

Batch R373085		SampType: MSD		Units mg/L				RPD Limit 15		
SampID: 25101541-001AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Fluoride		0.20		3.79	4.000	0.1156	92.0	3.925	3.38	10/17/2025
Chloride		2.00		114	80.00	31.47	102.8	116.7	2.56	10/17/2025
Sulfate		4.00		208	80.00	128.6	99.8	212.0	1.68	10/17/2025

SW-846 9060A

Batch R372732		SampType: MBLK		Units mg/L							
SampID: FILTER BLANK											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		< 1.0	0.4500	0	0	-100	100	10/10/2025	

Batch R372732		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	10/09/2025

Batch R372732		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		5.2	5.000	0	103.0	90	110	10/09/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW-846 9060A

Batch R372732		SampType: MS		Units mg/L						
SampID: 25100572-001EMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)		1.0		3.7	2.500	1.130	101.2	85	115	10/09/2025

Batch R372732		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25100572-001EMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		3.5	2.500	1.130	96.4	3.660	3.33	10/09/2025

Batch R372732		SampType: MS		Units mg/L							
SampID: 25100577-001DMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Total Organic Carbon (TOC)			1.0		4.0	2.500	1.380	104.0	85	115	10/09/2025

Batch R372732		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25100577-001DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		4.0	2.500	1.380	105.6	3.980	1.00	10/09/2025

Batch R372732		SampType: MS		Units mg/L							
SampID: 25100609-001DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Organic Carbon (TOC)		1.0		6.7	2.500	4.190	99.2	85	115	10/09/2025	

Batch R372732		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25100609-001DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		6.7	2.500	4.190	101.6	6.670	0.90	10/09/2025

Batch R372732		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25100434-010ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		7.8				7.910	1.27	10/10/2025

Batch R372732		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25100572-001EDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		1.2				1.130	2.62	10/09/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW-846 9060A

Batch R372732		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25100572-002EDUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)		1.0		1.9				2.000	4.60	10/09/2025	

Batch R372732		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25100572-003EDUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)		1.0		2.0				1.840	6.32	10/09/2025	

Batch R372732		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25100572-004EDUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)		1.0		7.5				7.420	1.47	10/09/2025	

Batch R372732		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25100572-006EDUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)		1.0		3.1				3.140	0.00	10/09/2025	

Batch R372732		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25100572-007EDUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)		1.0	J	0.7				0.7300	0.00	10/09/2025	

Batch R372732		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25100572-008EDUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)		1.0	J	0.5				0.5300	0.00	10/09/2025	

Batch R372732		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25100572-009EDUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)		1.0		1.5				1.540	3.97	10/09/2025	

Batch R372732		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25100609-001DDUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)		1.0		4.1				4.190	1.44	10/09/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW-846 9060A

Batch R372732		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25100610-001DDUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)		1.0		4.1				3.880	6.48	10/09/2025	

Batch R372732		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25100621-001DDUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)		1.0		< 1.0				0.6500	0.00	10/09/2025	

Batch R372732		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25100621-004DDUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)		1.0	J	0.5				0	0.00	10/09/2025	

Batch R372732		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25100636-002ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)		1.0		2.0				1.920	6.55	10/09/2025	

Batch R372732		SampType: DUP		Units mg/L		RPD Limit 10					
SampID: 25100699-002ADUP										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Organic Carbon (TOC)		5.0		11.6				11.45	1.30	10/09/2025	

Batch R372822		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	10/13/2025	

Batch R372822		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		5.2	5.000	0	104.4	90	110	10/13/2025	

Batch R372822		SampType: MS		Units mg/L							
SampID: 25100972-001EMS										Date Analyzed	
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Organic Carbon (TOC)		1.0		3.6	2.500	1.170	96.4	85	115	10/13/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW-846 9060A

Batch R372822		SampType: MSD		Units mg/L		RPD Limit 10					
SampID: 25100972-001EMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Organic Carbon (TOC)		1.0		3.6	2.500	1.170	95.6	3.580	0.56	10/13/2025	

Batch R372822		SampType: MS		Units mg/L							
SampID: 25101156-003DMS											
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	0.9900	101.2	85	115	10/13/2025	

Batch R372822		SampType: MSD		Units mg/L				RPD Limit 10			
SampID: 25101156-003DMSD											
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	0.9900	97.6	3.520	2.59	10/13/2025

Batch R372822		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25100572-005EDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		1.7				1.710	0.59	10/13/2025

Batch R372822		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25100668-001ADUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			50.0		161				157.3	2.52	10/13/2025

Batch R372822		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25100676-001DDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0	J	0.9				0.9000	0.00	10/13/2025

Batch R372822		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25101156-003DDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0		1.1				0.9900	7.77	10/13/2025

Batch R372822		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25101157-001DDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0	J	0.8				0.8500	0.00	10/13/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW-846 9060A

Batch R372822		SampType: DUP		Units mg/L				RPD Limit 10		
SampID: 25101158-001DDUP										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)		1.0	J	0.9				0.8900	0.00	10/13/2025

Batch R372822		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25101158-002DDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0	J	0.9				1.000	0.00	10/13/2025

Batch R372822		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25101162-001DDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0	J	0.8				0.9700	0.00	10/13/2025

Batch R372822		SampType: DUP		Units mg/L				RPD Limit 10			
SampID: 25101164-001DDUP											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Total Organic Carbon (TOC)			1.0	J	0.9				0.8900	0.00	10/13/2025

SW-846 9066 (TOTAL)

Batch R372912		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	10/14/2025	

Batch R372912		SampType: LCS		Units mg/L							
SampID: ICB/LCS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005		0.051	0.0500	0	102.6	90	110	10/14/2025	

Batch R372912		SampType: MS		Units mg/L							
SampID: 25100861-006AMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005	S	0.077	0.0500	0.01933	115.8	90	110	10/14/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW-846 9066 (TOTAL)

Batch R372912		SampType: MSD		Units mg/L				RPD Limit 15			Date Analyzed
SampID: 25100861-006AMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Phenols		0.005	S	0.078	0.0500	0.01933	116.4	0.07722	0.37	10/14/2025	

Batch R372912		SampType: MS		Units mg/L							
SampID: 25100861-008AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phenols		0.005		0.050	0.0500	0	99.7	90	110	10/14/2025	

Batch R372912		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25100861-008AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			0.005		0.051	0.0500	0	101.7	0.04985	2.03	10/14/2025

Batch R372912		SampType: MS		Units mg/L							
SampID: 25101044-001EMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005	S	0.078	0.0500	0.01570	125.2	85	115	10/14/2025	

Batch R372912		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25101044-001EMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			0.005	S	0.077	0.0500	0.01570	122.6	0.07831	1.70	10/14/2025

Batch R372912		SampType: MS		Units mg/L							Date Analyzed
SampID: 25101150-002BMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phenols		0.005	S	0.061	0.0500	0.004320	112.9	90	110	10/14/2025	

Batch R372912		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25101150-002BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			0.005		0.059	0.0500	0.004320	109.5	0.06077	2.80	10/14/2025

Batch R373090		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	10/16/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW-846 9066 (TOTAL)

Batch R373090		SampType: LCS		Units mg/L							
SampID: ICV/LCS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phenols		0.005		0.051	0.0500	0	101.4	90	110	10/16/2025	

Batch R373090		SampType: MS		Units mg/L							
SampID: 25100939-004AMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Phenols		0.005		0.060	0.0500	0.01035	99.8	90	110	10/16/2025	

Batch R373090		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25100939-004AMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			0.005		0.063	0.0500	0.01035	105.4	0.06024	4.59	10/16/2025

Batch R373090		SampType: MS		Units mg/L							
SampID: 25101134-001GMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenols		0.005		0.053	0.0500	0.002850	101.1	90	110	10/16/2025	

Batch R373090		SampType: MSD		Units mg/L				RPD Limit 15			
SampID: 25101134-001GMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Phenols			0.005		0.054	0.0500	0.002850	102.6	0.05340	1.38	10/16/2025

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

Batch 246076		SampType: MBLK		Units mg/L							
SampID: MBLK-246076											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	10/10/2025	
Magnesium		0.050		< 0.050	0.0055	0	0	-100	100	10/10/2025	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	10/10/2025	
Sodium		0.050		< 0.050	0.0180	0	0	-100	100	10/10/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246076 SampType: LCS Units mg/L

SampID: LCS-246076

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.82	5.000	0	96.5	85	115	10/10/2025
Magnesium		0.050		4.54	5.000	0	90.9	85	115	10/10/2025
Potassium		0.100		5.09	5.000	0	101.7	85	115	10/10/2025
Sodium		0.050		9.51	10.00	0	95.1	85	115	10/10/2025

Batch 246076 SampType: MS Units mg/L

SampID: 25092190-040CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	551	5.000	556.5	-112.6	75	125	10/10/2025
Magnesium		0.050	S	482	5.000	484.8	-61.9	75	125	10/10/2025
Potassium		0.100	S	9.82	5.000	3.133	133.8	75	125	10/10/2025
Sodium		5.00	S	1580	10.00	1624	-470.0	75	125	10/13/2025

Batch 246076 SampType: MSD Units mg/L

RPD Limit 20

SampID: 25092190-040CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	553	5.000	556.5	-77.4	550.8	0.32	10/10/2025
Magnesium		0.050	S	487	5.000	484.8	36.3	481.7	1.01	10/10/2025
Potassium		0.100	S	9.85	5.000	3.133	134.3	9.822	0.25	10/10/2025
Sodium		5.00	S	1580	10.00	1624	-430.0	1577	0.25	10/13/2025

Batch 246077 SampType: MBLK Units mg/L

SampID: MBLK-246077

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	10/10/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	10/10/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	10/10/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	10/10/2025

Batch 246077 SampType: LCS Units mg/L

SampID: LCS-246077

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.50	5.000	0	90.0	85	115	10/10/2025
Magnesium		0.0500		4.37	5.000	0	87.5	85	115	10/10/2025
Potassium		0.100		4.89	5.000	0	97.8	85	115	10/10/2025
Sodium		0.0500		9.09	10.00	0	90.9	85	115	10/10/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246077 SampType: MS Units mg/L

SampID: 25100615-002CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Potassium		0.100	E	12.5	5.000	6.898	111.8	75	125	10/10/2025
Sodium		0.0500	S	424	10.00	420.0	35.5	75	125	10/10/2025

Batch 246077 SampType: MSD Units mg/L

RPD Limit 20

SampID: 25100615-002CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Potassium		0.100	E	12.5	5.000	6.898	111.4	12.49	0.16	10/10/2025
Sodium		0.0500	S	424	10.00	420.0	40.3	423.5	0.11	10/10/2025

Batch 246077 SampType: MS Units mg/L

SampID: 25100615-004CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Potassium		0.100	E	14.2	5.000	8.856	106.5	75	125	10/10/2025
Sodium		0.0500	S	147	10.00	142.4	46.3	75	125	10/10/2025

Batch 246077 SampType: MSD Units mg/L

RPD Limit 20

SampID: 25100615-004CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Potassium		0.100	E	14.4	5.000	8.856	111.3	14.18	1.68	10/10/2025
Sodium		0.0500	S	149	10.00	142.4	66.2	147.0	1.34	10/10/2025

Batch 246231 SampType: MBLK Units mg/L

SampID: MBLK-246231

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	10/15/2025
Magnesium		0.0500	JS	0.0056	0.0055	0	101.8	-100	100	10/15/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	10/15/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	10/15/2025

Batch 246231 SampType: LCS Units mg/L

SampID: LCS-246231

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.74	5.000	0	94.8	85	115	10/15/2025
Magnesium		0.0500	B	4.52	5.000	0	90.5	85	115	10/15/2025
Potassium		0.100		5.17	5.000	0	103.3	85	115	10/15/2025
Sodium		0.0500		9.55	10.00	0	95.5	85	115	10/15/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246231		SampType: MS		Units mg/L						
SampID: 25100982-004DMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Potassium		0.100		9.33	5.000	3.999	106.6	75	125	10/15/2025
Sodium		0.0500	S	389	10.00	389.4	-8.7	75	125	10/15/2025

Batch 246231		SampType: MSD		Units mg/L					RPD Limit 20		
SampID: 25100982-004DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Potassium			0.100		9.59	5.000	3.999	111.7	9.330	2.71	10/15/2025
Sodium			0.0500	S	395	10.00	389.4	60.8	388.5	1.77	10/15/2025

Batch 246233		SampType: MBLK		Units mg/L							
SampID: MBLK-246233											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	10/14/2025	
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	10/15/2025	
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	10/14/2025	
Magnesium		0.050		< 0.050	0.0055	0	0	-100	100	10/15/2025	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	10/15/2025	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	10/14/2025	
Sodium		0.050		< 0.050	0.0180	0	0	-100	100	10/15/2025	
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	10/14/2025	

Batch 246233		SampType: LCS		Units mg/L							
SampID: LCS-246233											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Calcium		0.100		4.68	5.000	0	93.7	85	115	10/15/2025	
Calcium		0.100		4.50	5.000	0	90.0	85	115	10/14/2025	
Magnesium		0.050		4.40	5.000	0	88.0	85	115	10/15/2025	
Potassium		0.100		5.05	5.000	0	101.0	85	115	10/15/2025	
Potassium		0.100		5.03	5.000	0	100.5	85	115	10/14/2025	
Sodium		0.050		9.39	10.00	0	93.9	85	115	10/15/2025	
Sodium		0.0500		9.25	10.00	0	92.5	85	115	10/14/2025	

Batch 246233		SampType: MS		Units mg/L							
SampID: 25101121-003CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Magnesium		0.050	S	102	5.000	101.8	4.8	75	125	10/15/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246233		SampType: MSD		Units mg/L				RPD Limit 20			
SampID: 25101121-003CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Magnesium		0.050	S	102	5.000	101.8	11.5	102.0	0.32	10/15/2025	

Batch 246316		SampType: MBLK		Units mg/L							Date Analyzed
SampID: MBLK-246316											
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	10/15/2025	
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	10/15/2025	
Magnesium		0.050		< 0.050	0.0055	0	0	-100	100	10/15/2025	
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	10/15/2025	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	10/15/2025	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	10/15/2025	
Sodium		0.0500	JS	0.021	0.0180	0	115.0	-100	100	10/15/2025	
Sodium		0.050	JS	0.021	0.0180	0	115.0	-100	100	10/15/2025	

Batch 246316		SampType: LCS		Units mg/L							
SampID: LCS-246316											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Calcium		0.100		4.58	5.000	0	91.6	85	115	10/15/2025	
Calcium		0.100		4.58	5.000	0	91.6	85	115	10/15/2025	
Magnesium		0.0500		4.34	5.000	0	86.7	85	115	10/15/2025	
Magnesium		0.050		4.34	5.000	0	86.7	85	115	10/15/2025	
Potassium		0.100		4.92	5.000	0	98.4	85	115	10/15/2025	
Potassium		0.100		4.92	5.000	0	98.4	85	115	10/15/2025	
Sodium		0.050	B	9.22	10.00	0	92.2	85	115	10/15/2025	
Sodium		0.0500	B	9.22	10.00	0	92.2	85	115	10/15/2025	

Batch 246316		SampType: MS		Units mg/L							
SampID: 25101219-004DMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Magnesium		0.050	S	63.6	5.000	60.40	64.5	75	125	10/17/2025	

Batch 246316		SampType: MSD		Units mg/L				RPD Limit 20			
SampID: 25101219-004DMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Magnesium			0.050	S	63.6	5.000	60.40	64.6	63.62	0.01	10/17/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246316		SampType: MS		Units mg/L						
SampID: 25101244-001CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	66.7	5.000	63.76	59.6	75	125	10/15/2025
Magnesium		0.050		35.7	5.000	31.90	76.0	75	125	10/15/2025
Potassium		0.100		5.53	5.000	0.2570	105.4	75	125	10/15/2025
Sodium		0.050	BS	169	10.00	163.7	53.5	75	125	10/15/2025

Batch 246316		SampType: MSD		Units mg/L				RPD Limit 20		
SampID: 25101244-001CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	66.0	5.000	63.76	45.6	66.74	1.05	10/15/2025
Magnesium		0.050	S	35.3	5.000	31.90	68.8	35.70	1.01	10/15/2025
Potassium		0.100		5.46	5.000	0.2570	104.0	5.526	1.23	10/15/2025
Sodium		0.050	BS	166	10.00	163.7	24.0	169.1	1.76	10/15/2025

Batch 247027		SampType: MBLK		Units mg/L							
SampID: MBLK-247027											
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	10/28/2025	
Arsenic		0.0250		< 0.0250	0.0087	0	0	-100	100	10/28/2025	
Boron		0.0200		< 0.0200	0.0090	0	0	-100	100	10/28/2025	
Cadmium		0.0020		< 0.0020	0.0005	0	0	-100	100	10/28/2025	
Calcium		0.100		< 0.100	0.0350	0	0	-100	100	10/28/2025	
Chromium		0.0050		< 0.0050	0.0028	0	0	-100	100	10/28/2025	
Iron		0.0400		< 0.0400	0.0200	0	0	-100	100	10/28/2025	
Lead		0.0150	JS	0.0040	0.0014	0	285.7	-100	100	10/28/2025	
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	10/28/2025	
Manganese		0.0070		< 0.0070	0.0025	0	0	-100	100	10/28/2025	
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	10/28/2025	
Selenium		0.0400		< 0.0400	0.0170	0	0	-100	100	10/28/2025	
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	10/28/2025	
Vanadium		0.0100		< 0.0100	0.0009	0	0	-100	100	10/28/2025	
Zinc		0.0100		< 0.0100	0.0050	0	0	-100	100	10/28/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 247027		SampType: LCS		Units mg/L							
SampID: LCS-247027											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		0.0500	S	0.844	1.000	0	84.4	85	115	10/28/2025	
Arsenic		0.0250		0.900	1.000	0	90.0	85	115	10/28/2025	
Boron		0.0200		0.886	1.000	0	88.6	85	115	10/28/2025	
Cadmium		0.0020		1.80	2.000	0	90.2	85	115	10/28/2025	
Calcium		0.100		4.51	5.000	0	90.2	85	115	10/28/2025	
Chromium		0.0050		0.896	1.000	0	89.6	85	115	10/28/2025	
Iron		0.0400		1.76	2.000	0	88.0	85	115	10/28/2025	
Lead		0.0150		1.79	2.000	0	89.3	85	115	10/28/2025	
Magnesium		0.0500		4.39	5.000	0	87.8	85	115	10/28/2025	
Manganese		0.0070		0.899	1.000	0	89.9	85	115	10/28/2025	
Potassium		0.100		4.94	5.000	0	98.8	85	115	10/28/2025	
Selenium		0.0400		0.935	1.000	0	93.5	85	115	10/28/2025	
Sodium		0.0500		9.05	10.00	0	90.5	85	115	10/28/2025	
Vanadium		0.0100		0.896	1.000	0	89.6	85	115	10/28/2025	
Zinc		0.0100		1.78	2.000	0	89.1	85	115	10/28/2025	

Batch 247053		SampType: MS		Units mg/L						
SampID: 25102444-003BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	233	5.000	237.6	-81.8	75	125	10/28/2025
Iron		0.0400		6.47	2.000	4.650	91.0	75	125	10/28/2025
Magnesium		0.0500	S	64.1	5.000	62.02	42.1	75	125	10/28/2025
Potassium		0.100		7.42	5.000	2.423	99.9	75	125	10/28/2025
Sodium		0.0500		20.6	10.00	12.82	77.5	75	125	10/28/2025

Batch 247053		SampType: MSD		Units mg/L				RPD Limit 20		
SampID: 25102444-003BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	233	5.000	237.6	-101.0	233.5	0.41	10/28/2025
Iron		0.0400		6.49	2.000	4.650	92.0	6.470	0.31	10/28/2025
Magnesium		0.0500	S	64.4	5.000	62.02	48.5	64.13	0.50	10/28/2025
Potassium		0.100		7.47	5.000	2.423	100.9	7.418	0.66	10/28/2025
Sodium		0.0500		20.7	10.00	12.82	78.7	20.57	0.58	10/28/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246062 SampType: MBLK Units mg/L

SampID: MBLK-246062

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	JS	0.044	0.0350	0	126.3	-100	100	10/10/2025
Magnesium		0.0500	JS	0.024	0.0055	0	436.4	-100	100	10/10/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	10/10/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	10/10/2025

Batch 246062 SampType: LCS Units mg/L

SampID: LCS-246062

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	B	4.80	5.000	0	96.0	85	115	10/10/2025
Magnesium		0.0500	B	4.61	5.000	0	92.2	85	115	10/10/2025
Potassium		0.100		5.15	5.000	0	103.0	85	115	10/10/2025
Sodium		0.0500		9.58	10.00	0	95.8	85	115	10/10/2025

Batch 246062 SampType: MS Units mg/L

SampID: 25092190-006CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	BS	227	5.000	215.7	227.0	75	125	10/10/2025
Magnesium		0.050	BS	173	5.000	163.7	190.0	75	125	10/10/2025
Potassium		0.100		6.84	5.000	1.626	104.3	75	125	10/10/2025
Sodium		0.050	S	112	10.00	97.68	140.8	75	125	10/10/2025

Batch 246062 SampType: MSD Units mg/L

RPD Limit 20

SampID: 25092190-006CMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	B	222	5.000	215.7	118.8	227.1	2.41	10/10/2025
Magnesium		0.050	B	169	5.000	163.7	104.2	173.2	2.51	10/10/2025
Potassium		0.100		6.79	5.000	1.626	103.3	6.842	0.77	10/10/2025
Sodium		0.050		109	10.00	97.68	110.7	111.8	2.73	10/10/2025

Batch 246067 SampType: MBLK Units mg/L

SampID: MBLK-246067

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	10/13/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	10/13/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	10/13/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	10/13/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246067 SampType: LCS Units mg/L

SampleID: LCS-246067

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		5.25	5.000	0	105.0	85	115	10/13/2025
Magnesium		0.0500		4.93	5.000	0	98.7	85	115	10/13/2025
Potassium		0.100		5.26	5.000	0	105.2	85	115	10/13/2025
Sodium		0.0500		9.65	10.00	0	96.5	85	115	10/13/2025

Batch 246067 SampType: MS Units mg/L

SampleID: 25092190-015BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	279	5.000	262.0	339.0	75	125	10/13/2025
Magnesium		0.050	S	132	5.000	122.1	203.8	75	125	10/13/2025
Potassium		0.100		7.28	5.000	1.340	118.8	75	125	10/13/2025
Sodium		0.050	S	188	10.00	165.5	220.7	75	125	10/13/2025

Batch 246067 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 25092190-015BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	270	5.000	262.0	153.4	279.0	3.38	10/13/2025
Magnesium		0.050		128	5.000	122.1	116.4	132.3	3.36	10/13/2025
Potassium		0.100		6.96	5.000	1.340	112.5	7.282	4.47	10/13/2025
Sodium		0.050	S	181	10.00	165.5	151.8	187.6	3.74	10/13/2025

Batch 246067 SampType: MS Units mg/L

SampleID: 25092190-069BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100	S	135	5.000	132.2	56.8	75	125	10/13/2025
Magnesium		0.050		61.4	5.000	57.54	77.0	75	125	10/13/2025
Potassium		0.100		7.06	5.000	1.597	109.2	75	125	10/13/2025
Sodium		0.050		114	10.00	103.6	103.5	75	125	10/13/2025

Batch 246067 SampType: MSD Units mg/L

RPD Limit 20

SampleID: 25092190-069BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Calcium		0.100	S	136	5.000	132.2	66.4	135.0	0.35	10/13/2025
Magnesium		0.050		61.6	5.000	57.54	81.6	61.39	0.37	10/13/2025
Potassium		0.100		7.03	5.000	1.597	108.6	7.059	0.47	10/13/2025
Sodium		0.050		115	10.00	103.6	110.8	113.9	0.64	10/13/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246151 SampType: MBLK Units mg/L

SampID: MBLK-246151

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	10/13/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	10/13/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	10/13/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	10/13/2025

Batch 246151 SampType: LCS Units mg/L

SampID: LCS-246151

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		5.25	5.000	0	105.0	85	115	10/13/2025
Magnesium		0.0500		4.95	5.000	0	98.9	85	115	10/13/2025
Potassium		0.100		5.28	5.000	0	105.7	85	115	10/13/2025
Sodium		0.0500		9.89	10.00	0	98.9	85	115	10/13/2025

Batch 246261 SampType: MBLK Units mg/L

SampID: MBLK-246261

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	10/14/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	10/14/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	10/14/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	10/14/2025

Batch 246261 SampType: LCS Units mg/L

SampID: LCS-246261

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.81	5.000	0	96.2	85	115	10/14/2025
Magnesium		0.0500		4.59	5.000	0	91.9	85	115	10/14/2025
Potassium		0.100		5.23	5.000	0	104.5	85	115	10/14/2025
Sodium		0.0500		10.4	10.00	0	104.4	85	115	10/14/2025

Batch 247047 SampType: MBLK Units mg/L

SampID: MBLK-247047

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	10/29/2025
Magnesium		0.0500		< 0.0500	0.0055	0	0	-100	100	10/29/2025
Potassium		0.100		< 0.100	0.0400	0	0	-100	100	10/29/2025
Sodium		0.0500		< 0.0500	0.0180	0	0	-100	100	10/29/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 247047		SampType: LCS		Units mg/L						
SampID: LCS-247047										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Calcium		0.100		4.73	5.000	0	94.7	85	115	10/29/2025
Magnesium		0.0500		4.42	5.000	0	88.4	85	115	10/29/2025
Potassium		0.100		4.89	5.000	0	97.9	85	115	10/29/2025
Sodium		0.0500		9.30	10.00	0	93.0	85	115	10/29/2025

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

Batch 246076		SampType: MBLK		Units µg/L							
SampID: MBLK-246076											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	10/10/2025	
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	10/10/2025	
Boron		25.0		< 25.0	9.250	0	0	-100	100	10/14/2025	
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	10/10/2025	
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	10/18/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100	10/14/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100	10/10/2025	
Lead		1.0		< 1.0	0.6000	0	0	-100	100	10/14/2025	
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	10/20/2025	
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	10/10/2025	
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	10/10/2025	
Zinc		15.0		< 15.0	5.900	0	0	-100	100	10/20/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246076		SampType: LCS		Units µg/L							
SampID: LCS-246076											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		1130	1000	0	112.5	80	120	10/18/2025	
Arsenic		1.0		933	1000	0	93.3	80	120	10/11/2025	
Boron		25.0		1020	1000	0	102.1	80	120	10/14/2025	
Cadmium		1.0	E	2090	2000	0	104.6	80	120	10/20/2025	
Chromium		1.5		989	1000	0	98.9	80	120	10/18/2025	
Iron		25.0		1940	2000	0	97.2	80	120	10/11/2025	
Iron		25.0		2070	2000	0	103.7	80	120	10/14/2025	
Lead		1.0		2010	2000	0	100.7	80	120	10/14/2025	
Manganese		2.0		922	1000	0	92.2	80	120	10/20/2025	
Selenium		1.0		966	1000	0	96.6	80	120	10/11/2025	
Vanadium		5.0		995	1000	0	99.5	80	120	10/18/2025	
Zinc		15.0		1890	2000	0	94.5	80	120	10/20/2025	

Batch 246076		SampType: MS		Units µg/L						
SampID: 25092190-006DMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Manganese		2.0		1490	1000	551.2	94.0	75	125	10/20/2025
Zinc		15.0		1860	2000	0	93.2	75	125	10/20/2025

Batch 246076		SampType: MSD		Units µg/L					RPD Limit 20		Date Analyzed
SampID: 25092190-006DMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Manganese		2.0		1520	1000	551.2	96.4	1491	1.64	10/20/2025	
Zinc		15.0		1830	2000	0	91.3	1864	2.08	10/20/2025	

Batch 246076		SampType: MS		Units µg/L							
SampID: 25092190-040CMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic		1.0		922	1000	0.6267	92.1	75	125	10/11/2025	
Boron		25.0		1070	1000	63.97	100.3	75	125	10/18/2025	
Cadmium		1.0	E	2030	2000	0	101.7	75	125	10/11/2025	
Chromium		1.5		888	1000	0	88.8	75	125	10/18/2025	
Iron		25.0		2530	2000	470.4	102.7	75	125	10/11/2025	
Lead		1.0		2110	2000	0	105.5	75	125	10/15/2025	
Selenium		1.0		890	1000	0.7363	89.0	75	125	10/11/2025	
Zinc		15.0		1660	2000	0	82.9	75	125	10/20/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246076		SampType: MSD		Units µg/L				RPD Limit 20		
SampID: 25092190-040CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		958	1000	0.6267	95.7	921.7	3.86	10/11/2025
Boron		25.0		1110	1000	63.97	105.0	1066	4.39	10/18/2025
Cadmium		1.0	E	2110	2000	0	105.4	2034	3.55	10/11/2025
Chromium		1.5		911	1000	0	91.1	888.1	2.58	10/18/2025
Iron		25.0		2580	2000	470.4	105.6	2525	2.24	10/11/2025
Lead		1.0		2160	2000	0	108.2	2111	2.51	10/15/2025
Selenium		1.0		913	1000	0.7363	91.3	890.4	2.56	10/11/2025
Zinc		15.0		1650	2000	0	82.5	1657	0.39	10/20/2025

Batch 246077		SampType: MBLK		Units µg/L						
SampID: MBLK-246077										
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	10/10/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	10/10/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	10/14/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	10/10/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	10/10/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	10/10/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	10/14/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	10/10/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	10/10/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	10/18/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246077		SampType: LCS		Units µg/L							
SampID: LCS-246077											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		1010	1000	0	101.4	80	120	10/18/2025	
Arsenic		1.0		968	1000	0	96.8	80	120	10/10/2025	
Boron		25.0		981	1000	0	98.1	80	120	10/14/2025	
Cadmium		1.0		2320	2000	0	116.0	80	120	10/18/2025	
Chromium		1.5		956	1000	0	95.6	80	120	10/18/2025	
Iron		25.0		1920	2000	0	96.2	80	120	10/10/2025	
Lead		1.0		1970	2000	0	98.7	80	120	10/14/2025	
Manganese		2.0		946	1000	0	94.6	80	120	10/10/2025	
Selenium		1.0		997	1000	0	99.7	80	120	10/10/2025	
Vanadium		5.0		951	1000	0	95.1	80	120	10/18/2025	
Zinc		15.0		1840	2000	0	92.2	80	120	10/20/2025	

Batch 246231		SampType: MBLK		Units µg/L							
SampID: MBLK-246231											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	10/15/2025	
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	10/15/2025	
Boron		25.0		< 25.0	9.250	0	0	-100	100	10/15/2025	
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	10/15/2025	
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	10/15/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100	10/15/2025	
Lead		1.0		< 1.0	0.6000	0	0	-100	100	10/15/2025	
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	10/15/2025	
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	10/15/2025	
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	10/15/2025	
Zinc		15.0		< 15.0	5.900	0	0	-100	100	10/18/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246231		SampType: LCS		Units µg/L							
SampID: LCS-246231											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		1050	1000	0	104.9	80	120	10/18/2025	
Arsenic		1.0		996	1000	0	99.6	80	120	10/18/2025	
Boron		25.0		980	1000	0	98.0	80	120	10/15/2025	
Cadmium		1.0	E	2300	2000	0	115.0	80	120	10/18/2025	
Chromium		1.5	S	1490	1000	0	149.1	80	120	10/15/2025	
Iron		25.0		1970	2000	0	98.3	80	120	10/15/2025	
Lead		1.0		1890	2000	0	94.7	80	120	10/15/2025	
Manganese		2.0		966	1000	0	96.6	80	120	10/15/2025	
Selenium		1.0		1030	1000	0	102.9	80	120	10/18/2025	
Vanadium		5.0		923	1000	0	92.3	80	120	10/15/2025	
Zinc		15.0		1970	2000	0	98.3	80	120	10/18/2025	

Batch 246231		SampType: MS		Units µg/L							
SampID: 25100972-001CMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic		1.0	S	701	1000	0	70.1	75	125	10/20/2025	

Batch 246231		SampType: MSD		Units µg/L				RPD Limit 20			
SampID: 25100972-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic			1.0	S	748	1000	0	74.8	700.8	6.56	10/20/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246233		SampType: MBLK		Units µg/L							
SampID: MBLK-246233											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Antimony		1.0		< 1.0	0.4500	0	0	-100	100	10/15/2025	
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	10/16/2025	
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	10/15/2025	
Boron		25.0		< 25.0	9.250	0	0	-100	100	10/15/2025	
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	10/15/2025	
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	10/16/2025	
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	10/15/2025	
Chromium		1.5	JS	0.7	0.7000	0	100.1	-100	100	10/16/2025	
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	10/17/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100	10/16/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100	10/15/2025	
Lead		1.0		< 1.0	0.6000	0	0	-100	100	10/15/2025	
Lead		1.0		< 1.0	0.6000	0	0	-100	100	10/16/2025	
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	10/15/2025	
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	10/16/2025	
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	10/15/2025	
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	10/15/2025	
Zinc		15.0		< 15.0	5.900	0	0	-100	100	10/15/2025	
Zinc		15.0		< 15.0	5.900	0	0	-100	100	10/16/2025	

Batch 246233		SampType: LCS		Units µg/L							
SampID: LCS-246233											Date
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Boron		25.0		976	1000	0	97.6	80	120	10/15/2025	
Chromium		1.5		902	1000	0	90.2	80	120	10/15/2025	
Iron		25.0		1870	2000	0	93.4	80	120	10/15/2025	
Lead		1.0		1850	2000	0	92.4	80	120	10/15/2025	
Manganese		2.0		945	1000	0	94.5	80	120	10/15/2025	
Vanadium		5.0		914	1000	0	91.4	80	120	10/15/2025	
Zinc		15.0		1790	2000	0	89.3	80	120	10/15/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246233		SampType: MS		Units µg/L						
SampID: 25101121-003CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		955	1000	0	95.5	75	125	10/16/2025
Boron		25.0		977	1000	39.52	93.8	75	125	10/15/2025
Cadmium		1.0	E	2140	2000	0	106.8	75	125	10/16/2025
Chromium		1.5	B	895	1000	1.193	89.4	75	125	10/16/2025
Lead		1.0		1880	2000	0	94.0	75	125	10/15/2025
Zinc		15.0		1740	2000	6.876	86.8	75	125	10/15/2025

Batch 246233		SampType: MSD		Units µg/L				RPD Limit 20		Date Analyzed
SampID: 25101121-003CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Arsenic		1.0		964	1000	0	96.4	955.1	0.93	10/16/2025
Boron		25.0		1000	1000	39.52	96.1	977.0	2.38	10/15/2025
Cadmium		1.0	E	2130	2000	0	106.4	2135	0.30	10/16/2025
Chromium		1.5	B	885	1000	1.193	88.3	895.1	1.19	10/16/2025
Lead		1.0		1900	2000	0	95.0	1879	1.10	10/15/2025
Zinc		15.0		1720	2000	6.876	85.5	1744	1.58	10/15/2025

Batch 246316		SampType: MBLK		Units µg/L						
SampID: MBLK-246316										
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	10/17/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	10/17/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	10/17/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	10/17/2025
Chromium		1.5	JS	0.7	0.7000	0	106.1	-100	100	10/17/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	10/20/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	10/17/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	10/17/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	10/17/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	10/17/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246316		SampType: LCS		Units µg/L							
SampID: LCS-246316											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		956	1000	0	95.6	80	120	10/17/2025	
Arsenic		1.0		993	1000	0	99.3	80	120	10/17/2025	
Boron		25.0		956	1000	0	95.6	80	120	10/17/2025	
Cadmium		1.0		2200	2000	0	109.8	80	120	10/17/2025	
Chromium		1.5	B	961	1000	0	96.1	80	120	10/17/2025	
Lead		1.0		1930	2000	0	96.3	80	120	10/20/2025	
Selenium		1.0		1040	1000	0	104.2	80	120	10/17/2025	
Vanadium		5.0		929	1000	0	92.9	80	120	10/17/2025	
Zinc		15.0		1940	2000	0	97.0	80	120	10/17/2025	

Batch 246316		SampType: MS		Units µg/L						
SampID: 25101219-004DMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		1040	1000	38.60	99.9	75	125	10/18/2025
Boron		25.0		1360	1000	401.2	96.2	75	125	10/18/2025
Cadmium		1.0	E	2140	2000	0	107.1	75	125	10/18/2025
Chromium		1.5	B	921	1000	0	92.1	75	125	10/18/2025
Lead		1.0		1930	2000	0	96.4	75	125	10/20/2025
Zinc		15.0		1830	2000	0	91.5	75	125	10/18/2025

Batch 246316		SampType: MSD		Units µg/L				RPD Limit 20		
SampID: 25101219-004DMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic		1.0		1020	1000	38.60	98.2	1038	1.65	10/18/2025
Boron		25.0		1300	1000	401.2	90.2	1363	4.46	10/18/2025
Cadmium		1.0	E	2030	2000	0	101.4	2142	5.46	10/18/2025
Chromium		1.5	B	896	1000	0	89.6	921.4	2.75	10/18/2025
Lead		1.0		1940	2000	0	97.1	1928	0.69	10/20/2025
Zinc		15.0		1830	2000	0	91.4	1829	0.03	10/18/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246316		SampType: MS		Units µg/L						
SampID: 25101244-001CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		1060	1000	0	106.0	75	125	10/17/2025
Arsenic		1.0		929	1000	0	92.9	75	125	10/17/2025
Lead		1.0		1910	2000	0	95.4	75	125	10/20/2025
Selenium		1.0		927	1000	2.811	92.5	75	125	10/17/2025

Batch 246316		SampType: MSD		Units µg/L						RPD Limit 20	
SampID: 25101244-001CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony			1.0		1080	1000	0	107.5	1060	1.44	10/17/2025
Arsenic			1.0		948	1000	0	94.8	929.0	2.01	10/17/2025
Lead			1.0		1940	2000	0	97.1	1909	1.74	10/20/2025
Selenium			1.0		967	1000	2.811	96.4	927.4	4.19	10/17/2025

Batch 246647		SampType: MBLK		Units µg/L							
SampID: MBLK-246647											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	10/22/2025	

Batch 246647		SampType: LCS		Units µg/L							
SampID: LCS-246647											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Manganese		2.0		889	1000	0	88.9	80	120	10/22/2025	

Batch 246647		SampType: MS		Units µg/L							
SampID: 25092190-040CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Manganese		2.0	S	3780	1000	3102	67.7	75	125	10/23/2025	

Batch 246647		SampType: MSD		Units µg/L				RPD Limit 20				Date Analyzed
SampID: 25092190-040CMSD												
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Manganese			2.0	S	3840	1000	3102	73.8	3778	1.62		
10/23/2025												



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 247027		SampType: MBLK		Units µg/L							
SampID: MBLK-247027											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	10/29/2025	
Boron		25.0		< 25.0	9.250	0	0	-100	100	10/29/2025	
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	10/29/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100	10/29/2025	
Lead		1.0		< 1.0	0.6000	0	0	-100	100	10/29/2025	
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	10/29/2025	
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	10/29/2025	
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	10/29/2025	
Zinc		15.0		< 15.0	5.900	0	0	-100	100	10/29/2025	

Batch 247027		SampType: LCS		Units µg/L							
SampID: LCS-247027											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic		1.0		862	1000	0	86.2	80	120	10/29/2025	
Boron		25.0		887	1000	0	88.7	80	120	10/29/2025	
Cadmium		1.0	E	1840	2000	0	92.2	80	120	10/29/2025	
Iron		25.0		1760	2000	0	88.1	80	120	10/29/2025	
Lead		1.0		1750	2000	0	87.3	80	120	10/29/2025	
Manganese		2.0		1040	1000	0	104.5	80	120	10/29/2025	
Selenium		1.0		872	1000	0	87.2	80	120	10/29/2025	
Vanadium		5.0		1120	1000	0	112.1	80	120	10/29/2025	
Zinc		15.0		1790	2000	0	89.3	80	120	10/29/2025	

Batch 247027		SampType: MS		Units µg/L							
SampID: 25100456-077CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Lead		1.0		1730	2000	0	86.7	75	125	10/30/2025	

Batch 247027		SampType: MSD		Units µg/L				RPD Limit 20			Date Analyzed
SampID: 25100456-077CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Lead			1.0		1680	2000	0	84.0	1735	3.15	
											10/30/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 247027		SampType: MS		Units µg/L						
SampID: 25100456-086DMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		1150	1000	0	114.8	75	125	10/30/2025
Arsenic		1.0		898	1000	0	89.8	75	125	10/30/2025
Boron		25.0		912	1000	0	91.2	75	125	10/30/2025
Cadmium		1.0	E	1990	2000	0	99.7	75	125	10/30/2025
Chromium		1.5		877	1000	0	87.7	75	125	10/30/2025
Iron		25.0		1970	2000	78.23	94.5	75	125	10/30/2025
Lead		1.0		1730	2000	0	86.3	75	125	10/30/2025
Manganese		2.0		962	1000	77.62	88.5	75	125	10/30/2025
Selenium		1.0		935	1000	0	93.5	75	125	10/30/2025
Vanadium		5.0		873	1000	0	87.3	75	125	10/30/2025
Zinc		15.0		1710	2000	0	85.5	75	125	10/30/2025

Batch 247027		SampType: MSD		Units µg/L				RPD Limit 20		
SampID: 25100456-086DMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		1110	1000	0	111.0	1148	3.40	10/30/2025
Arsenic		1.0		916	1000	0	91.6	898.4	1.90	10/30/2025
Boron		25.0		893	1000	0	89.3	912.2	2.10	10/30/2025
Cadmium		1.0	E	1930	2000	0	96.3	1995	3.50	10/30/2025
Chromium		1.5		857	1000	0	85.7	877.3	2.39	10/30/2025
Iron		25.0		1960	2000	78.23	94.0	1968	0.47	10/30/2025
Lead		1.0		1740	2000	0	87.0	1726	0.80	10/30/2025
Manganese		2.0		957	1000	77.62	87.9	962.3	0.54	10/30/2025
Selenium		1.0		942	1000	0	94.2	934.7	0.82	10/30/2025
Vanadium		5.0		869	1000	0	86.9	872.7	0.39	10/30/2025
Zinc		15.0		1720	2000	0	86.1	1710	0.69	10/30/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 247053		SampType: MBLK		Units µg/L						
SampID: MBLK-247053										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	10/30/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	10/30/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	10/30/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	10/30/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	10/30/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	10/30/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	10/30/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	10/30/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	10/30/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	10/30/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	10/30/2025

Batch 247053		SampType: LCS		Units µg/L							
SampID: LCS-247053											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		959	1000	0	95.9	80	120	10/31/2025	
Arsenic		1.0		870	1000	0	87.0	80	120	10/30/2025	
Boron		25.0		861	1000	0	86.1	80	120	10/30/2025	
Cadmium		1.0	E	1710	2000	0	85.6	80	120	10/30/2025	
Chromium		1.5		888	1000	0	88.8	80	120	10/31/2025	
Iron		25.0		1820	2000	0	91.0	80	120	10/30/2025	
Lead		1.0		1730	2000	0	86.3	80	120	10/30/2025	
Manganese		2.0		1070	1000	0	106.7	80	120	10/30/2025	
Selenium		1.0		858	1000	0	85.8	80	120	10/30/2025	
Vanadium		5.0		1070	1000	0	107.1	80	120	10/30/2025	
Zinc		15.0		1820	2000	0	90.9	80	120	10/30/2025	

Batch 247053		SampType: MS		Units µg/L						
SampID: 25100456-083CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Iron		25.0		2010	2000	0	100.6	75	125	10/30/2025
Manganese		4.0	S	9230	1000	8786	44.4	75	125	11/04/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 247053		SampType: MSD		Units µg/L				RPD Limit 20			
SampID: 25100456-083CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Iron			25.0		2130	2000	0	106.7	2011	5.94	10/30/2025
Manganese			4.0	S	9290	1000	8786	50.8	9230	0.69	11/04/2025

Batch 247053		SampType: MS		Units µg/L							
SampID: 25102444-003BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic		1.0		1020	1000	22.52	99.5	75	125	10/30/2025	
Cadmium		1.0	E	1930	2000	0	96.6	75	125	10/30/2025	
Chromium		1.5		816	1000	0	81.6	75	125	11/03/2025	
Manganese		2.0		1110	1000	249.3	86.2	75	125	11/03/2025	

Batch	247053	SampType:	MSD	Units µg/L					RPD Limit		20
SampID: 25102444-003BMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic			1.0		1050	1000	22.52	102.9	1017	3.25	10/30/2025
Cadmium			1.0	E	2000	2000	0	100.1	1931	3.60	10/30/2025
Chromium			1.5		800	1000	0	80.0	815.6	1.94	11/03/2025
Manganese			2.0		1110	1000	249.3	85.8	1112	0.42	11/03/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246062		SampType: MBLK		Units µg/L							Date Analyzed	
SampID: MBLK-246062												
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			
Barium		1.0		< 1.0	0.7000	0	0	-100	100			
Beryllium		1.0		< 1.0	0.2500	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			
Calcium		125		< 125	70.00	0	0	-100	100			
Chromium		1.5		< 1.5	0.7000	0	0	-100	100			
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100			
Lead		1.0		< 1.0	0.6000	0	0	-100	100			
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100			
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100			
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100			
Selenium		1.0		< 1.0	0.6000	0	0	-100	100			
Thallium		2.0		< 2.0	0.9500	0	0	-100	100			



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246062		SampType: LCS		Units µg/L								
SampID: LCS-246062												Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Antimony		1.0		803	1000	0	80.3	80	120	10/10/2025		
Arsenic		1.0		1000	1000	0	100.4	80	120	10/10/2025		
Barium		1.0		1990	2000	0	99.4	80	120	10/17/2025		
Beryllium		1.0		1070	1000	0	106.8	80	120	10/10/2025		
Boron		25.0		1020	1000	0	101.7	80	120	10/10/2025		
Cadmium		1.0	S	2680	2000	0	134.0	80	120	10/16/2025		
Cadmium		1.0	SE	2710	2000	0	135.7	80	120	10/10/2025		
Cadmium		1.0		2140	2000	0	106.8	80	120	10/17/2025		
Calcium		125		4630	5000	0	92.6	80	120	10/16/2025		
Chromium		1.5	S	1540	1000	0	154.4	80	120	10/10/2025		
Chromium		1.5		1080	1000	0	108.3	80	120	10/16/2025		
Cobalt		1.0		1040	1000	0	104.4	80	120	10/16/2025		
Lead		1.0		2100	2000	0	105.1	80	120	10/10/2025		
Lithium	*	3.0		1100	1000	0	109.8	80	120	10/16/2025		
Lithium	*	3.0		1160	1000	0	115.7	80	120	10/14/2025		
Molybdenum		1.5		1030	1000	0	102.6	80	120	10/17/2025		
Molybdenum		1.5	S	1210	1000	0	121.4	80	120	10/16/2025		
Selenium		1.0		1020	1000	0	102.1	80	120	10/10/2025		
Thallium		2.0		1040	1000	0	104.2	80	120	10/10/2025		

Batch 246062		SampType: MS		Units µg/L						
SampID: 25092190-006CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		809	1000	0	80.9	75	125	10/10/2025
Arsenic		1.0		1010	1000	0.4096	101.0	75	125	10/10/2025
Barium		1.0		2200	2000	18.01	108.9	75	125	10/17/2025
Beryllium		1.0		1080	1000	0.2959	108.2	75	125	10/10/2025
Boron		25.0		1060	1000	0	106.0	75	125	10/10/2025
Cadmium		1.0	SE	2540	2000	0	127.2	75	125	10/16/2025
Chromium		1.5		1020	1000	0.7006	102.2	75	125	10/16/2025
Cobalt		1.0		1000	1000	0.3049	100.1	75	125	10/16/2025
Lead		1.0		2120	2000	0	105.8	75	125	10/10/2025
Lithium	*	3.0		1050	1000	23.35	102.2	75	125	10/14/2025
Molybdenum		1.5		1200	1000	0.9042	120.3	75	125	10/16/2025
Selenium		1.0		988	1000	0	98.8	75	125	10/10/2025
Thallium		2.0		1060	1000	0	106.4	75	125	10/10/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246062		SampType: MSD		Units µg/L				RPD Limit 20		
SampID: 25092190-006CMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0		803	1000	0	80.3	808.8	0.75	10/10/2025
Arsenic		1.0		1000	1000	0.4096	100.3	1010	0.72	10/10/2025
Barium		1.0		2230	2000	18.01	110.4	2197	1.30	10/17/2025
Beryllium		1.0		1060	1000	0.2959	106.0	1082	1.98	10/10/2025
Boron		25.0		1030	1000	0	103.5	1060	2.44	10/10/2025
Cadmium		1.0	SE	2700	2000	0	135.1	2545	5.97	10/16/2025
Chromium		1.5		1040	1000	0.7006	103.5	1023	1.28	10/16/2025
Cobalt		1.0		1010	1000	0.3049	101.0	1002	0.83	10/16/2025
Lead		1.0		2090	2000	0	104.4	2116	1.39	10/10/2025
Lithium	*	3.0		1040	1000	23.35	101.2	1046	0.99	10/14/2025
Molybdenum		1.5	SE	1270	1000	0.9042	127.2	1204	5.57	10/16/2025
Selenium		1.0		976	1000	0	97.6	988.2	1.28	10/10/2025
Thallium		2.0		1050	1000	0	104.8	1064	1.58	10/10/2025

Batch 246067		SampType: MBLK		Units µg/L						
SampID: MBLK-246067										
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	10/10/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	10/10/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	10/10/2025
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	10/14/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	10/14/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	10/10/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	10/10/2025
Calcium		125		< 125	70.00	0	0	-100	100	10/16/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	10/10/2025
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	10/16/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	10/14/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	10/16/2025
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	10/16/2025
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	10/14/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	10/10/2025
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	10/16/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	10/10/2025
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	10/10/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246067		SampType: LCS		Units µg/L							Date Analyzed
SampID: LCS-246067											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		800	1000	0	80.0	80	120	10/10/2025	
Arsenic		1.0		989	1000	0	98.9	80	120	10/10/2025	
Barium		1.0		1980	2000	0	98.8	80	120	10/17/2025	
Beryllium		1.0		1030	1000	0	103.1	80	120	10/14/2025	
Boron		25.0		1030	1000	0	103.1	80	120	10/14/2025	
Boron		25.0		995	1000	0	99.5	80	120	10/10/2025	
Cadmium		1.0	S	2570	2000	0	128.4	80	120	10/16/2025	
Cadmium		1.0	E	2170	2000	0	108.6	80	120	10/17/2025	
Calcium		125		5350	5000	0	107.1	80	120	10/16/2025	
Chromium		1.5		1070	1000	0	106.6	80	120	10/16/2025	
Cobalt		1.0		1010	1000	0	101.0	80	120	10/16/2025	
Copper		1.0		1150	1000	0	114.9	80	120	10/16/2025	
Iron		25.0		2070	2000	0	103.7	80	120	10/10/2025	
Lead		1.0		2080	2000	0	103.8	80	120	10/14/2025	
Lead		1.0		2150	2000	0	107.6	80	120	10/16/2025	
Lithium	*	3.0		1030	1000	0	103.0	80	120	10/14/2025	
Lithium	*	3.0		1080	1000	0	108.3	80	120	10/16/2025	
Manganese		2.0		1110	1000	0	111.3	80	120	10/16/2025	
Molybdenum		1.5		1050	1000	0	105.1	80	120	10/17/2025	
Molybdenum		1.5		1180	1000	0	117.8	80	120	10/16/2025	
Selenium		1.0		989	1000	0	98.9	80	120	10/10/2025	
Thallium		2.0		1030	1000	0	103.1	80	120	10/10/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246067		SampType: MS		Units µg/L							
SampID: 25092190-015BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		813	1000	0	81.3	75	125	10/10/2025	
Arsenic		1.0		1040	1000	0.4628	104.3	75	125	10/10/2025	
Barium		1.0		2040	2000	28.71	100.5	75	125	10/17/2025	
Beryllium		1.0		1030	1000	0	103.5	75	125	10/14/2025	
Boron		25.0		2140	1000	918.4	121.9	75	125	10/16/2025	
Cadmium		1.0	SE	2620	2000	0	131.0	75	125	10/16/2025	
Chromium		1.5		1030	1000	0	103.4	75	125	10/16/2025	
Cobalt		1.0		988	1000	0.5752	98.8	75	125	10/16/2025	
Lead		1.0		2190	2000	0	109.6	75	125	10/14/2025	
Lithium	*	3.0		1120	1000	30.57	109.0	75	125	10/16/2025	
Molybdenum		1.5		1230	1000	0	123.3	75	125	10/16/2025	
Selenium		1.0		1020	1000	0	102.5	75	125	10/10/2025	
Thallium		2.0		1060	1000	0	106.4	75	125	10/10/2025	

Batch 246067		SampType: MSD		Units µg/L				RPD Limit 20			Date Analyzed
SampID: 25092190-015BMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Antimony		1.0		810	1000	0	81.0	812.8	0.38	10/10/2025	
Arsenic		1.0		1020	1000	0.4628	102.0	1044	2.23	10/10/2025	
Barium		1.0		2030	2000	28.71	100.2	2039	0.29	10/17/2025	
Beryllium		1.0		1040	1000	0	103.6	1035	0.15	10/14/2025	
Boron		25.0		2140	1000	918.4	122.6	2137	0.33	10/16/2025	
Cadmium		1.0	SE	2620	2000	0	130.8	2620	0.16	10/16/2025	
Chromium		1.5		1040	1000	0	104.2	1034	0.82	10/16/2025	
Cobalt		1.0		1040	1000	0.5752	103.8	988.2	4.93	10/16/2025	
Lead		1.0		2210	2000	0	110.7	2192	0.99	10/14/2025	
Lithium	*	3.0		1140	1000	30.57	111.1	1120	1.88	10/16/2025	
Molybdenum		1.5	SE	1260	1000	0	125.8	1233	2.04	10/16/2025	
Selenium		1.0		1000	1000	0	100.1	1025	2.31	10/10/2025	
Thallium		2.0		1070	1000	0	107.2	1064	0.74	10/10/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246067		SampType: MS		Units µg/L							
SampID: 25092190-069BMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		791	1000	0	79.1	75	125	10/10/2025	
Arsenic		1.0		982	1000	2.879	97.9	75	125	10/10/2025	
Barium		1.0		1990	2000	43.04	97.2	75	125	10/17/2025	
Beryllium		1.0		1030	1000	0	102.7	75	125	10/14/2025	
Boron		25.0		1020	1000	59.59	95.6	75	125	10/17/2025	
Cadmium		1.0	E	2470	2000	0	123.7	75	125	10/16/2025	
Chromium		1.5		1000	1000	0.8611	99.9	75	125	10/16/2025	
Cobalt		1.0		952	1000	0.1358	95.2	75	125	10/16/2025	
Lead		1.0		2110	2000	0	105.7	75	125	10/14/2025	
Lithium	*	3.0		1040	1000	21.07	101.8	75	125	10/14/2025	
Molybdenum		1.5		1050	1000	6.025	104.6	75	125	10/17/2025	
Selenium		1.0		986	1000	0	98.6	75	125	10/10/2025	
Thallium		2.0		1020	1000	0	102.1	75	125	10/10/2025	

Batch 246067		SampType: MSD		Units µg/L				RPD Limit 20			
SampID: 25092190-069BMSD											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Antimony		1.0		797	1000	0	79.7	790.6	0.76	10/10/2025	
Arsenic		1.0		994	1000	2.879	99.1	981.9	1.22	10/10/2025	
Barium		1.0		1960	2000	43.04	96.1	1986	1.10	10/17/2025	
Beryllium		1.0		1030	1000	0	102.6	1027	0.07	10/14/2025	
Boron		25.0		1040	1000	59.59	97.7	1016	2.02	10/17/2025	
Cadmium		1.0	SE	2520	2000	0	126.0	2474	1.83	10/16/2025	
Chromium		1.5		1030	1000	0.8611	102.6	1000	2.66	10/16/2025	
Cobalt		1.0		979	1000	0.1358	97.9	952.1	2.82	10/16/2025	
Lead		1.0		2150	2000	0	107.4	2115	1.53	10/14/2025	
Lithium	*	3.0		1040	1000	21.07	102.2	1039	0.41	10/14/2025	
Molybdenum		1.5		1000	1000	6.025	99.6	1052	4.86	10/17/2025	
Selenium		1.0		984	1000	0	98.4	985.5	0.14	10/10/2025	
Thallium		2.0		1030	1000	0	103.3	1021	1.12	10/10/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246151 SampType: MBLK Units µg/L

SampleID: MBLK-246151

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	10/18/2025
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	10/15/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	10/18/2025
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	10/15/2025
Boron		25.0		< 25.0	9.250	0	0	-100	100	10/15/2025
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	10/18/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	10/20/2025
Chromium		1.5	JS	0.8	0.7000	0	111.1	-100	100	10/18/2025
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	10/18/2025
Copper		1.0		< 1.0	0.2980	0	0	-100	100	10/21/2025
Copper		1.0	JS	1.0	0.2980	0	331.6	-100	100	10/18/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	10/15/2025
Lead		1.0		< 1.0	0.6000	0	0	-100	100	10/15/2025
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	10/15/2025
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	10/18/2025
Nickel		1.0	JS	0.5	0.4300	0	123.2	-100	100	10/18/2025
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	10/20/2025
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	10/18/2025
Silver		1.0		< 1.0	0.1110	0	0	-100	100	10/18/2025
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	10/15/2025
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	10/18/2025
Zinc		15.0		< 15.0	5.900	0	0	-100	100	10/18/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246151		SampType: LCS		Units µg/L							Date Analyzed
SampID: LCS-246151											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0	SE	1330	1000	0	132.6	80	120	10/18/2025	
Antimony		1.0		967	1000	0	96.7	80	120	10/21/2025	
Arsenic		1.0		1120	1000	0	111.7	80	120	10/18/2025	
Barium		1.0		1810	2000	0	90.3	80	120	10/21/2025	
Beryllium		1.0		1030	1000	0	102.9	80	120	10/15/2025	
Boron		25.0		1030	1000	0	103.0	80	120	10/15/2025	
Cadmium		1.0	SE	2580	2000	0	129.1	80	120	10/18/2025	
Chromium		1.5	B	1030	1000	0	103.5	80	120	10/18/2025	
Cobalt		1.0		1080	1000	0	107.7	80	120	10/18/2025	
Copper		1.0	B	1140	1000	0	114.3	80	120	10/18/2025	
Iron		25.0		2150	2000	0	107.3	80	120	10/15/2025	
Lead		1.0		2180	2000	0	109.2	80	120	10/15/2025	
Lithium	*	3.0		1010	1000	0	100.6	80	120	10/15/2025	
Manganese		2.0		1070	1000	0	107.1	80	120	10/18/2025	
Nickel		1.0	B	2220	2000	0	111.0	80	120	10/18/2025	
Selenium		1.0		1150	1000	0	115.4	80	120	10/18/2025	
Silver		1.0	SE	642	500.0	0	128.3	80	120	10/18/2025	
Thallium		2.0		1080	1000	0	107.9	80	120	10/15/2025	
Vanadium		5.0		1030	1000	0	103.2	80	120	10/18/2025	
Zinc		15.0		2260	2000	0	112.9	80	120	10/18/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246151		SampType: MS		Units µg/L						
SampID: 25092190-001HMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0	SE	1310	1000	0	131.3	75	125	10/18/2025
Arsenic		1.0		1040	1000	4.293	103.7	75	125	10/18/2025
Barium		1.0		2490	2000	62.94	121.5	75	125	10/21/2025
Beryllium		1.0		932	1000	0	93.2	75	125	10/15/2025
Boron		25.0		1180	1000	229.2	94.9	75	125	10/15/2025
Cadmium		1.0	E	2380	2000	0	118.8	75	125	10/18/2025
Chromium		1.5	B	989	1000	0	98.9	75	125	10/18/2025
Cobalt		1.0		957	1000	0	95.7	75	125	10/18/2025
Copper		1.0		1040	1000	1.531	103.5	75	125	10/21/2025
Iron		25.0		4190	2000	2157	101.5	75	125	10/15/2025
Lead		1.0		2170	2000	0	108.4	75	125	10/15/2025
Manganese		2.0		1220	1000	236.8	98.5	75	125	10/18/2025
Nickel		1.0	B	1930	2000	14.06	95.9	75	125	10/18/2025
Selenium		1.0		1040	1000	0	104.2	75	125	10/18/2025
Silver		1.0	E	579	500.0	0	115.9	75	125	10/18/2025
Thallium		2.0		1090	1000	0	109.0	75	125	10/15/2025
Vanadium		5.0		1020	1000	0	102.4	75	125	10/18/2025
Zinc		15.0		1940	2000	8.674	96.4	75	125	10/18/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch	246151	SampType:	MSD	Units µg/L				RPD Limit 20		
SampID:		25092190-001HMSD								
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Antimony		1.0	SE	1300	1000	0	129.9	1313	1.06	10/18/2025
Arsenic		1.0		1080	1000	4.293	107.3	1041	3.44	10/18/2025
Barium		1.0		2400	2000	62.94	116.8	2494	3.91	10/21/2025
Beryllium		1.0		949	1000	0	94.9	931.9	1.80	10/15/2025
Boron		25.0		1200	1000	229.2	96.9	1179	1.66	10/15/2025
Cadmium		1.0	E	2420	2000	0	120.8	2376	1.68	10/18/2025
Chromium		1.5	B	975	1000	0	97.5	989.0	1.44	10/18/2025
Cobalt		1.0		992	1000	0	99.2	957.0	3.56	10/18/2025
Copper		1.0		1030	1000	1.531	102.5	1037	1.00	10/21/2025
Iron		25.0		4320	2000	2157	108.0	4187	3.04	10/15/2025
Lead		1.0		2180	2000	0	109.2	2169	0.70	10/15/2025
Manganese		2.0		1260	1000	236.8	102.4	1222	3.12	10/18/2025
Nickel		1.0	B	1990	2000	14.06	98.7	1931	2.89	10/18/2025
Selenium		1.0		1090	1000	0	108.8	1042	4.28	10/18/2025
Silver		1.0	E	576	500.0	0	115.1	579.5	0.66	10/18/2025
Thallium		2.0		1090	1000	0	109.3	1090	0.34	10/15/2025
Vanadium		5.0		1030	1000	0	103.3	1024	0.88	10/18/2025
Zinc		15.0		2120	2000	8.674	105.5	1937	9.01	10/18/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246261		SampType: MBLK		Units µg/L							Date Analyzed
SampID: MBLK-246261											
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	10/14/2025	
Barium		1.0		< 1.0	0.7000	0	0	-100	100	10/14/2025	
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	10/14/2025	
Boron		25.0		< 25.0	9.250	0	0	-100	100	10/14/2025	
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	10/14/2025	
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	10/14/2025	
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	10/14/2025	
Copper		1.0		< 1.0	0.2980	0	0	-100	100	10/14/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100	10/14/2025	
Lead		1.0		< 1.0	0.6000	0	0	-100	100	10/14/2025	
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	10/14/2025	
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	10/14/2025	
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	10/14/2025	
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	10/14/2025	
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	10/14/2025	
Silver		1.0		< 1.0	0.1110	0	0	-100	100	10/14/2025	
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	10/15/2025	
Vanadium		5.0		< 5.0	5.000	0	0	-100	100	10/14/2025	
Zinc		15.0		< 15.0	5.900	0	0	-100	100	10/14/2025	



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246261		SampType: LCS		Units µg/L							Date Analyzed
SampID: LCS-246261											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Antimony		1.0		1140	1000	0	114.1	80	120	10/14/2025	
Barium		1.0		2100	2000	0	104.9	80	120	10/14/2025	
Beryllium		1.0		968	1000	0	96.8	80	120	10/14/2025	
Boron		25.0		1020	1000	0	101.9	80	120	10/14/2025	
Cadmium		1.0	E	2180	2000	0	108.9	80	120	10/14/2025	
Chromium		1.5		945	1000	0	94.5	80	120	10/14/2025	
Cobalt		1.0		949	1000	0	94.9	80	120	10/14/2025	
Copper		1.0		910	1000	0	91.0	80	120	10/14/2025	
Iron		25.0		1770	2000	0	88.4	80	120	10/14/2025	
Lead		1.0		2060	2000	0	103.0	80	120	10/14/2025	
Lithium	*	3.0		966	1000	0	96.6	80	120	10/14/2025	
Manganese		2.0		962	1000	0	96.2	80	120	10/14/2025	
Molybdenum		1.5		968	1000	0	96.8	80	120	10/14/2025	
Nickel		1.0		1790	2000	0	89.4	80	120	10/14/2025	
Selenium		1.0		1160	1000	0	115.7	80	120	10/14/2025	
Silver		1.0	E	519	500.0	0	103.8	80	120	10/14/2025	
Thallium		2.0		1000	1000	0	100.4	80	120	10/15/2025	
Vanadium		5.0		898	1000	0	89.8	80	120	10/14/2025	
Zinc		15.0		1890	2000	0	94.4	80	120	10/14/2025	

Batch 246261		SampType: MS		Units µg/L						
SampID: 25101119-001CMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic		1.0		985	1000	1.784	98.3	75	125	10/22/2025
Barium		1.0		2300	2000	202.6	105.0	75	125	10/14/2025
Boron		25.0		1060	1000	46.57	101.1	75	125	10/22/2025
Chromium		1.5		916	1000	2.443	91.4	75	125	10/14/2025
Cobalt		1.0		909	1000	0.1631	90.8	75	125	10/14/2025
Copper		1.0		879	1000	0	87.9	75	125	10/14/2025
Nickel		1.0		1740	2000	2.303	87.1	75	125	10/14/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 246261		SampType: MSD		Units µg/L				RPD Limit 20			Date Analyzed
SampID: 25101119-001CMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Arsenic		1.0		947	1000	1.784	94.5	984.7	3.93	10/22/2025	
Barium		1.0		2230	2000	202.6	101.6	2302	2.98	10/14/2025	
Boron		25.0		1000	1000	46.57	95.5	1058	5.49	10/22/2025	
Chromium		1.5		893	1000	2.443	89.1	916.3	2.56	10/14/2025	
Cobalt		1.0		884	1000	0.1631	88.4	908.6	2.75	10/14/2025	
Copper		1.0		857	1000	0	85.7	879.3	2.57	10/14/2025	
Nickel		1.0		1710	2000	2.303	85.5	1743	1.82	10/14/2025	

Batch 247047		SampType: MBLK		Units µg/L							Date Analyzed
SampID: MBLK-247047											
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	11/04/2025	
Arsenic		1.0		< 1.0	0.3750	0	0	-100	100	11/03/2025	
Barium		1.0		< 1.0	0.7000	0	0	-100	100	11/03/2025	
Beryllium		1.0		< 1.0	0.2500	0	0	-100	100	11/03/2025	
Boron		25.0		< 25.0	9.250	0	0	-100	100	11/03/2025	
Cadmium		1.0		< 1.0	0.1340	0	0	-100	100	11/03/2025	
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	11/03/2025	
Cobalt		1.0		< 1.0	0.1150	0	0	-100	100	11/03/2025	
Copper		1.0		< 1.0	0.2980	0	0	-100	100	11/03/2025	
Iron		25.0		< 25.0	11.50	0	0	-100	100	11/04/2025	
Lead		1.0		< 1.0	0.6000	0	0	-100	100	11/03/2025	
Lithium	*	3.0		< 3.0	1.450	0	0	-100	100	11/03/2025	
Manganese		2.0		< 2.0	0.7500	0	0	-100	100	11/03/2025	
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	11/04/2025	
Nickel		1.0		< 1.0	0.4300	0	0	-100	100	11/03/2025	
Selenium		1.0		< 1.0	0.6000	0	0	-100	100	11/03/2025	
Silver		1.0		< 1.0	0.1110	0	0	-100	100	11/04/2025	
Thallium		2.0		< 2.0	0.9500	0	0	-100	100	11/04/2025	
Zinc		15.0		< 15.0	5.900	0	0	-100	100	11/03/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 247047 SampType: LCS Units µg/L

SampID: LCS-247047

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		1160	1000	0	115.6	80	120	11/04/2025
Antimony		1.0		1080	1000	0	107.5	80	120	11/05/2025
Arsenic		1.0		882	1000	0	88.2	80	120	11/03/2025
Barium		1.0		2080	2000	0	104.0	80	120	11/03/2025
Beryllium		1.0		941	1000	0	94.1	80	120	11/03/2025
Boron		25.0		913	1000	0	91.3	80	120	11/03/2025
Cadmium		1.0	E	2110	2000	0	105.7	80	120	11/03/2025
Chromium		1.5		894	1000	0	89.4	80	120	11/03/2025
Cobalt		1.0		903	1000	0	90.3	80	120	11/03/2025
Copper		1.0		903	1000	0	90.3	80	120	11/03/2025
Iron		25.0		1810	2000	0	90.3	80	120	11/04/2025
Lead		1.0		1940	2000	0	97.0	80	120	11/03/2025
Lithium	*	3.0		949	1000	0	94.9	80	120	11/03/2025
Manganese		2.0		949	1000	0	94.9	80	120	11/03/2025
Molybdenum		1.5		984	1000	0	98.4	80	120	11/04/2025
Nickel		1.0		1810	2000	0	90.7	80	120	11/03/2025
Selenium		1.0		981	1000	0	98.1	80	120	11/03/2025
Silver		1.0	E	510	500.0	0	101.9	80	120	11/04/2025
Thallium		2.0		898	1000	0	89.8	80	120	11/04/2025
Zinc		15.0		1840	2000	0	92.0	80	120	11/03/2025

Batch 247115 SampType: MBLK Units µg/L

SampID: MBLK-247115

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	10/30/2025
Barium		1.0		< 1.0	0.7000	0	0	-100	100	10/30/2025
Chromium		1.5		< 1.5	0.7000	0	0	-100	100	10/30/2025
Iron		25.0		< 25.0	11.50	0	0	-100	100	10/30/2025
Molybdenum		1.5		< 1.5	0.6000	0	0	-100	100	11/04/2025
Silver		1.0	S	2.1	0.1110	0	1879	-100	100	10/31/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

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

Batch 247115 SampType: LCS Units µg/L

SampleID: LCS-247115

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Antimony		1.0		840	1000	0	84.0	80	120	10/30/2025
Barium		1.0		2220	2000	0	111.1	80	120	10/31/2025
Chromium		1.5		846	1000	0	84.6	80	120	10/30/2025
Chromium		1.5	B	967	1000	0	96.7	80	120	10/31/2025
Iron		25.0		2100	2000	0	105.2	80	120	10/30/2025
Molybdenum		1.5		1100	1000	0	109.8	80	120	11/04/2025
Silver		1.0	BE	547	500.0	0	109.4	80	120	10/31/2025

SW-846 7470A (DISSOLVED)

Batch 246318 SampType: MBLK Units µg/L

SampleID: MBLK-246318

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	10/15/2025

Batch 246318 SampType: LCS Units µg/L

SampleID: LCS-246318

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		4.82	5.000	0	96.3	85	115	10/15/2025

Batch 246318 SampType: MS Units µg/L

SampleID: 25101219-007DMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		4.28	5.000	0	85.5	75	125	10/15/2025

Batch 246318 SampType: MSD Units µg/L

SampleID: 25101219-007DMSD

RPD Limit 15

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury		0.20		4.09	5.000	0	81.9	4.275	4.35	10/15/2025

Batch 246318 SampType: MS Units µg/L

SampleID: 25101244-003CMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury		0.20		4.27	5.000	0	85.4	75	125	10/15/2025



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW-846 7470A (DISSOLVED)

Batch 246318		SampType: MSD		Units µg/L					RPD Limit 15		
SampID: 25101244-003CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		4.22	5.000	0	84.3	4.270	1.26	10/15/2025

SW-846 7470A (TOTAL)

Batch 246072		SampType: MBLK		Units µg/L							
SampleID: MBLK-246072										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	10/10/2025	

Batch 246072		SampType: LCS		Units µg/L							
SampleID: LCS-246072											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Mercury			0.20		4.81	5.000	0	96.2	85	115	
											10/10/2025

Batch 246072		SampType: MS		Units µg/L							
SampID: 25092190-005CMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury			0.20		4.88	5.000	0	97.6	75	125	10/10/2025

Batch	246072	SampType:	MSD	Units					µg/L			RPD Limit		15
SampID: 25092190-005CMSD														
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed			
Mercury			0.20		5.03	5.000	0	100.5	4.878	3.00	10/10/2025			

Batch 246072		SampType: MS		Units µg/L							
SampID: 25092190-018BMS											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury			0.20		4.95	5.000	0	99.0	75	125	10/10/2025

Batch	246072	SampType:	MSD	Units						µg/L		RPD Limit	15
SampleID: 25092190-018BMSD													
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Mercury			0.20		4.88	5.000	0	97.5	4.950	1.50	10/10/2025		



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW-846 7470A (TOTAL)

Batch 246073		SampType: MBLK		Units µg/L							
SampID: MBLK-246073											
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	10/10/2025	

Batch 246073		SampType: LCS		Units µg/L							
SampID: LCS-246073											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.49	5.000	0	89.8	85	115	10/10/2025	

Batch 246073		SampType: MS		Units µg/L							
SampID: 25092190-061CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.67	5.000	0	93.4	75	125	10/10/2025	

Batch 246073		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25092190-061CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		4.69	5.000	0	93.8	4.672	0.42	10/10/2025

Batch 246073		SampType: MS		Units µg/L							
SampID: 25092190-064CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.77	5.000	0	95.4	75	125	10/10/2025	

Batch 246073		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25092190-064CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		4.78	5.000	0	95.6	4.771	0.15	10/10/2025

Batch 246078		SampType: MBLK		Units µg/L							
SampID: MBLK-246078											
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	10/10/2025	

Batch 246078		SampType: LCS		Units µg/L							
SampID: LCS-246078											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.62	5.000	0	92.4	85	115	10/10/2025	



Quality Control Results

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW-846 7470A (TOTAL)

Batch 246078		SampType: MS		Units µg/L							
SampID: 25092190-059HMS											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.20		4.87	5.000	0	97.5	75	125	10/10/2025	

Batch 246078		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25092190-059HMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		4.86	5.000	0	97.2	4.875	0.26	10/10/2025

Batch 246155		SampType: MBLK		Units µg/L							
SampID: MBLK-246155											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	10/14/2025	

Batch 246155		SampType: LCS		Units µg/L							
SampID: LCS-246155											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury			0.20		4.68	5.000	0	93.7	85	115	10/14/2025

Batch 246155		SampType: MS		Units µg/L							
SampID: 25092190-001HMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.73	5.000	0	94.5	75	125	10/14/2025	

Batch 246155		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25092190-001HMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		4.66	5.000	0	93.2	4.726	1.42	10/14/2025

Batch 246155		SampType: MS		Units µg/L							
SampID: 25092190-062CMS											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury		0.20		4.48	5.000	0	89.6	75	125	10/14/2025	

Batch 246155		SampType: MSD		Units µg/L				RPD Limit 15			
SampID: 25092190-062CMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		4.54	5.000	0	90.8	4.479	1.38	10/14/2025



Quality Control Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

SW-846 7470A (TOTAL)

Batch 246267		SampType: MBLK		Units µg/L								
SampID: MBLK-246267												
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	10/16/2025		

Batch 246267		SampType: LCS		Units µg/L								
SampID: LCS-246267												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed		
Mercury		0.20		4.46	5.000	0	89.3	85	115	10/16/2025		

Batch 246267		SampType: MS		Units µg/L								
SampID: 25092190-067HMS												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed		
Mercury		0.20		4.17	5.000	0	83.4	75	125	10/16/2025		

Batch 246267		SampType: MSD		Units µg/L					RPD Limit 15		
SampID: 25092190-067HMSD											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury			0.20		3.76	5.000	0	75.1	4.170	10.48	10/16/2025



Receiving Check List

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092190

Client Project: NEW-25Q4

Report Date: 14-Nov-25

Carrier: Brett Gillihan

Received By: AMD

Completed by:

On:

09-Oct-25

Amber Dilallo

Reviewed by:

On:

13-Oct-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 0.9
Type of thermal preservation?	None ☐	Ice ☒	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☒	No ☐		
Chain of custody signed when relinquished and received?	Yes ☒	No ☐		
Chain of custody agrees with sample labels?	Yes ☒	No ☐		
Samples in proper container/bottle?	Yes ☒	No ☐		
Sample containers intact?	Yes ☒	No ☐		
Sufficient sample volume for indicated test?	Yes ☒	No ☐		
All samples received within holding time?	Yes ☒	No ☐		
Reported field parameters measured:	Field ☒	Lab ☐	NA ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐		

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

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

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

Samples were received on 10/8/25 at 1620 on ice [additional coolers = 0.9C, 0.5C, 1.5C, 3.9C, 0.5C, 1.3C, 3.7C, 0.7C, 1.1C and, 1.3C - LTG#5]. Additional Sodium Hydroxide (105372) was needed upon arrival at the laboratory for G139, G136, G133, R217D, G130, G128, G125, G217S and G105 Dup. pH strip #98858/104524. - JD/amberdilallo - 10/9/2025 8:18:41 AM

Samples were received on 10/9/25 at 13:45 on ice [temp = 3.5C and 10.3 - LTG#3]. pH# 104524/98858. Additional sodium hydroxide (105372) was needed in G106 upon arrival at the laboratory. - lhenson - 10/10/2025 8:50:08 AM

Samples were received on 10/13/25 at 14:40 on ice [temp = 1.5C, 13.7C, 7.1C, and 12.1C - LTG#9]. pH#104524/9858. Additional nitric acid (106426) was needed in L1R upon arrival at the laboratory. L1R, LREP, Field Blank, and Equipment Blank 1 were filtered and preserved with nitric acid (106426) and sulfuric acid (105221) and left unpreserved as needed upon arrival at the laboratory. - DM/lhenson - 10/13/2025 3:37:42 PM

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

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

Section B

Section C

Required Project Information:

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:		
			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 SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives									Y/N	Analysis Test	NEW-257-501	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000									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	A213		WT	G				25	15	1	2	6	1				X																25092190-001		
2	A214		WT	G				14	7	1	2	3	1				X																25092190-002		
3	A215		WT	G				14	7	1	2	3	1				X																25092190-003		
4	APW02		WT	G	10-7-25	1014		4	2	2							X			X	X												25092190-004		
5	APW03		WT	G	10-7-25	1231		4	2	2							X			X	X												25092190-005		
6	APW04		WT	G	10/7/25	1250		4	2	2							X			X	X												25092190-006		
7	APW05		WT	G	10/7/25	1003		2	1	1							X			X													25092190-007		
8	APW05S		WT	G	10/7/25	1034		2	1	1							X			X													25092190-008		
9	APW06		WT	G	10/7/25	1126		2	1	1							X			X													25092190-009		
10	APW07		WT	G				2	1	1							X			X													25092190-010		
11	APW08		WT	G	10-7-25	1127		2	1	1							X			X													25092190-011		
12	APW09		WT	G	10-7-25	1200		2	1	1							X			X													25092190-012		
13	APW10		WT	G	10/7/25	1322		2	1	1							X			X													25092190-013		
14	APW11		WT	G	10-7-25	959		2	1	1							X			X													25092190-014		
15	APW12		WT	G	10/7/25	1216		2	1	1							X			X													25092190-015		
16	APW13		WT	G	10-7-25	1040		2	1	1							X			X													25092190-016		
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																						
NEW-25Q4 Rev 1						10-8	1620				10/8/25	1620	> z																						

0.9, 0.5, 1.5, 3.9, 0.5, 1.3
3.7, 0.7, 1.1, 1.3 ice p

LTC #5

PH 104524
98858

PRINT Name of SAMPLER:

PRINT Name of SAMPLER:

DATE Signed _____

DATE Signed _____

Received on:
Ice (Y/N)Custody
Sealed Cooler

(Y/N)

Samples
Intact (Y/N)

Added NaOH (105372) G139, G136, G133, R217D
G130, G128, G125, G217S, G105 Dupg

JD 10/9/25

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Page: 2 of 5

Requested Analysis Filtered (Y/N)

(MM/DD/YY):

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

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

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:		Site Location		IL			
Requested Due Date/TAT: 10 day		Project Number:		Project Manager:		STATE:					
				Profile #:							
						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 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		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Residual Chlorine (Y/N)	Project No./ Lab I.D.
					DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other			
1	G116	WT G	10-8-25	1259		5	2	1	1	1									25092190-033
2	G117	WT G				0													25092190-034
3	G118	WT G				0													25092190-035
4	G119	WT G				0													25092190-036
5	G120	WT G				0													25092190-037
6	G125	WT G	10-8-25	1124		5	2	1	1	1									25092190-038
7	G128	WT G	10-8-25	1332		5	2	1	1	1									25092190-039
8	G130	WT G	10-8-25	1151		5	2	1	1	1									25092190-040
9	G133	WT G	10-8-25	1220		5	2	1	1	1									25092190-041
10	G136	WT G	10-8-25	1120		5	2	1	1	1									25092190-042
11	G139	WT G	10-8-25	1054		5	2	1	1	1									25092190-043
12	G141	WT G	10/8/25	1227		5	2	1	1	1									25092190-044
13	G217S	WT G	10/8/25	0950		5	2	1	1	1									25092190-045
14	G221	WT G				14	7	1	2	3	1								25092190-046
15	G225	WT G	10/8/25	1151		5	2	1	1	1									25092190-047
16	G230	WT G	10/8/25	0952		5	2	1	1	1									25092190-048
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION						DATE	TIME	SAMPLE CONDITIONS			
NEW-25Q4 Rev 1			[Signature]			10-8	1620	[Signature]						10/8/25	1620	Y Z			

\$ per WD # 25092191. 8mm
10/9/06

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: Justin Cole	DATE Signed (MM/DD/YY): 10-8-25				

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: **4** of **5**

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	
Newton, IL 62448				Address: see Section A	
Email To: <u>Brian.Voelker@VistraCorp.com</u>		Purchase Order No.:		Quote Reference:	
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:	
Requested Due Date/TAT: 10 day		Project Number:		Profile #:	

Section D Required Client Information		Valid Matrix Codes		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 (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test	NEW-257-501	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)		
1	G231	WT	G	10/8/25			5	2	1	1		1						X							25092190-049
2	G232	WT	G	10/8/25	1033		5	2	1	1		1						X							25092190-050
3	G233	WT	G	10-8-25	1207		5	2	1	1		1						X							25092190-051
4	G234	WT	G	10-8-25	1249		6	2	2	1		1						X							25092190-052
5	L1R	WT	G				7	2	3	2									X		X				25092190-053
6	L201 *Filter in lab	WT	G	10-8-25	929		3	2		1								X			X				25092190-054
7	L202	WT	G				0											X							25092190-055
8	L203	WT	G				0											X							25092190-056
9	L204	WT	G				0											X							25092190-057
10	L205	WT	G				0											X							25092190-058
11	L301	WT	G				3	2		1											X				25092190-076
12	LREP	WT	G	10-8-25	1036		3	2		1											X				25092190-077
13	R217D	WT	G	10-8-25	1036		14	7	1	2	3	1						X							25092190-059
14	R219	WT	G				14	7	1	2	3	1						X							25092190-060
15	S101	WT	G	10/8/25	1328		7	2	3	2									X						25092190-061
16	S102	WT	G				7	2	3	2								X							25092190-062

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: Justin Gdp					
DATE Signed (MM/DD/YY): 10-8-25					

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

Page: 5 of 5

ITEM #	Section D Required Client Information SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	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.
		DRINKING WATER WATER WASTE WATER PRODUCT SOIL/SOLID OIL WIPE AIR OTHER TISSUE	DW WT WW P SL QL WP AR OT TS			DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		NEW-257-501	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000						
1	SG02			WT	G				0								X											25092190-063		
2	T101			WT	G	10-7-25	1303		7	2	3	2						X										25092190-064		
3	T102			WT	G	10-7-25	1350		7	2	3	2						X										25092190-065		
4	XSG01			WT	G				0								X			X								25092190-066		
5	Field Blank			WT	G				15	9	1	1	3	1			X	X	X	X	X	X							25092190-067	
6	APW02 Duplicate			WT	G	10-7-25	1019		4	2		2					X			X	X							25092190-068		
7	APW11 Duplicate			WT	G	10-7-25	959		2	1		1					X			X								25092190-069		
8	G105 Duplicate			WT	G	10/8/25	1105		5	2	1	1		1					X									25092190-070		
9	G128 Duplicate			WT	G	10-8-25	1332		5	2	1	1							X									25092190-071		
10	G231 Duplicate			WT	G				5	2	1	1						X										25092190-072		
11	Equipment Blank 1			WT	G				8	5	1	1		1			X	X	X	X	X	X						25092190-073		
12	Equipment Blank 2			WT	G				8	5	1	1		1			X	X	X	X	X	X						25092190-074		
13	Equipment Blank 3			WT	G				8	5	1	1		1			X	X	X	X	X	X						25092190-075		
14																														
15																														
16																														
ADDITIONAL COMMENTS				RELINQUISHED BY / AFFILIATION				DATE	TIME	ACCEPTED BY / AFFILIATION						DATE	TIME	SAMPLE CONDITIONS												
NEW-25Q4 Rev 1								10-8	1620							10/8/25	1620	> 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: <i>Brett Gilligan</i>					
SIGNATURE of SAMPLER: <i>Brett Gilligan</i>	DATE Signed (MM/DD/YY): <i>10-7-25</i>				

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 4, 2025
NEWTON POWER PLANT, PRIMARY CS FOND
NEW-845-501 **25092190**

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Page: 1 of 5	
Company: <u>Vistra Corp-Newton</u>		Report To: <u>Brian Voelker</u>		Attention: <u>Brian Voelker</u>		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER Site Location: <u>IL</u> STATE: <u>IL</u>	
Address: <u>6725 N. 500th St</u>		Copy To: <u>Kyle Ochs - kyle.ochs@vistracorp.com</u>		Company Name: <u>Vistra Corp</u>			
<u>Newton, IL 62448</u>				Address: <u>see Section A</u>			
Email To: <u>Brian.Voelker@VistraCorp.com</u>		Purchase Order No.:		Quote Reference:			
Phone: <u>(217) 753-8911</u> Fax:		Project Name:		Project Manager:			
Requested Due Date/TAT: <u>10 day</u>		Project Number:		Profile #:			

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 Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.
						DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	NEW-257-501	NEW-811-502		NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000								
ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE																															
1	A213	WT	G	10/9/25	0940		25	15	1	2	6	1														25092190-001						
2	A214	WT	G				14	7	1	2	3	1														25092190-002						
3	A215	WT	G				14	7	1	2	3	1														25092190-003						
4	APW02	WT	G				4	2		2																25092190-004						
5	APW03	WT	G				4	2		2																25092190-005						
6	APW04	WT	G				4	2		2																25092190-006						
7	APW05	WT	G				2	1		1																25092190-007						
8	APW05S	WT	G				2	1		1																25092190-008						
9	APW06	WT	G				2	1		1																25092190-009						
10	APW07	WT	G				2	1		1																25092190-010						
11	APW08	WT	G				2	1		1																25092190-011						
12	APW09	WT	G				2	1		1																25092190-012						
13	APW10	WT	G				2	1		1																25092190-013						
14	APW11	WT	G				2	1		1																25092190-014						
15	APW12	WT	G				2	1		1																25092190-015						
16	APW13	WT	G				2	1		1																25092190-016						
ADDITIONAL COMMENTS				RELINQUISHED BY / AFFILIATION				DATE	TIME	ACCEPTED BY / AFFILIATION				DATE	TIME	SAMPLE CONDITIONS																
NEW-25Q4 Rev 1				<i>[Signature]</i>				10-9-25	1345	<i>[Signature]</i>				10/9/25	1345	> 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: <u>Payton Lock</u>							
SIGNATURE of SAMPLER: <i>[Signature]</i> DATE Signed (MM/DD/YY): <u>10/09/25</u>							

PAW 104524/98858
OHS
added NaOH(105372) to G126 at 10/10/25
3.5 & 10.3 ice
WCA 3

25092190

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: 2 of 5

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 (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)	Project No./ Lab I.D.						
																	NEW-257-501	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000														
1	APW14	WT	G				2	1	1							X																			25092190-017	
2	APW15	WT	G				2	1	1							X																			25092190-018	
3	APW16	WT	G				2	1	1							X																			25092190-019	
4	APW17	WT	G				2	1	1							X																			25092190-020	
5	APW18	WT	G				2	1	1							X																			25092190-021	
6	G104	WT	G				5	2	1	1		1																								25092190-022
7	G104D	WT	G				0																													25092190-023
8	G104S	WT	G				0																													25092190-024
9	G105	WT	G				5	2	1	1		1																								25092190-025
10	G106	WT	G	10-9-25	1045		5	2	1	1		1																								25092190-026
11	G109	WT	G				0																													25092190-027
12	G111	WT	G				0																													25092190-028
13	G112	WT	G				0																													25092190-029
14	G113	WT	G				0																													25092190-030
15	G114	WT	G				0																													25092190-031
16	G115	WT	G				0																													25092190-032
ADDITIONAL COMMENTS				RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION				DATE	TIME	SAMPLE CONDITIONS																						
NEW-25Q4 Rev 1				Butler		10-9-25	1345	[Signature]				10-9-25	1345	Y N																						
SAMPLER NAME AND SIGNATURE								Temp in °C		Received on Ice (Y/N)		Custody Sealed Cooler (Y/N)		Samples Intact (Y/N)																						
PRINT Name of SAMPLER: Justin Gelp																																				
SIGNATURE of SAMPLER: [Signature]								DATE Signed (MM/DD/YY): 10-9-25																												

25092190

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: **4** of **5**

Section D Required Client Information		Valid Matrix Codes MATRIX CODE		COLLECTED		SAMPLE TEMP AT COLLECTION		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	CODE	DATE	TIME	# OF CONTAINERS	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Analysis Test	NEW-257-501	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000	Residual Chlorine (Y/N)	Project No./ Lab I.D.
1	G231	WT	G			5	2	1	1		1					X							25092190-049
2	G232	WT	G			5	2	1	1		1					X							25092190-050
3	G233	WT	G			5	2	1	1		1					X							25092190-051
4	G234	WT	G			6	2	2	1		1					X							25092190-052
5	L1R	WT	G			7	2	3	2								X			X			25092190-053
6	L201	WT	G			3	2		1								X			X			25092190-054
7	L202	WT	G			0											X						25092190-055
8	L203	WT	G			0											X						25092190-056
9	L204	WT	G			0											X						25092190-057
10	L205	WT	G			0											X						25092190-058
11	L301	WT	G			3	2		1											X			25092190-076
12	LREP	WT	G			3	2		1											X			25092190-077
13	R217D	WT	G			14	7	1	2	3	1					X							25092190-059
14	R219	WT	G	10-9-25	922	14	7	1	2	3	1					X							25092190-060
15	S101	WT	G			7	2	3	2								X						25092190-061
16	S102	WT	G	10/9/25	1029	7	2	3	2								X						25092190-062
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS													
NEW-25Q4 Rev 1		Butler		10/9/25	1345	[Signature]		10/9/25	1345	Y		Z											
SAMPLER NAME AND SIGNATURE										Temp in °C		Received on Ice (Y/N)		Custody Sealed Cooler (Y/N)		Samples Intact (Y/N)							
PRINT Name of SAMPLER: Justin Colp																							
SIGNATURE of SAMPLER: [Signature]										DATE Signed (MM/DD/YY): 10-9-25													

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

Page: 1 of 5

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

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>Brett Gillman</i>					
SIGNATURE of SAMPLER: <i>[Signature]</i>	DATE Signed (MM/DD/YY): <i>10-13-15</i>				

Ice: 13.5/17.7/7.1/12.1 °C (9)
PH: 10.4524/11.858
Added HNO_3 (106420) to LIR (500 mL)
No Head space
M: 10.13.25

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

Page: 3 of 5

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		
Requested Due Date/TAT: 10 day		Project Number:		Profile #:		STATE:	IL	

[illegible]

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Payton Lock				
SIGNATURE of SAMPLER:	WPCZ 2				
DATE Signed (MM/DD/YY):		10/13/21			

25092190

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: 4 of 5

Section D Required Client Information		Valid Matrix Codes MATRIX CODE		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test Y/N	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Project No./ Lab I.D.
ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	DRINKING WATER WATER WASTE WATER PRODUCT SOIL/SOLID OIL WIPE AIR OTHER TISSUE	DW WT WW P SL QL WP AR OT TS			DATE	TIME			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other		NEW-257-501	NEW-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501	NEW-SUP-000						
1	G231	WT	G	10-13-25	1044	5	2	1	1	1					X											25092190-049				
2	G232	WT	G			5	2	1	1	1					X											25092190-050				
3	G233	WT	G			5	2	1	1	1					X											25092190-051				
4	G234	WT	G			6	2	2	1	1					X											25092190-052				
5	L1R Filter in lab	WT	G	10-13-25	1108	7	2	3	2							X			X							25092190-053				
6	L201	WT	G			3	2		1							X			X							25092190-054				
7	L202	WT	G			0										X										25092190-055				
8	L203	WT	G			0										X										25092190-056				
9	L204	WT	G			0										X										25092190-057				
10	L205	WT	G			0										X										25092190-058				
11	L301	WT	G	10-13-25	1048	3	2		1										X							25092190-076				
12	LREP Filter in lab	WT	G	10-13-25	1121	3	2		1										X							25092190-077				
13	R217D	WT	G			14	7	1	2	3	1				X											25092190-059				
14	R219	WT	G			14	7	1	2	3	1				X											25092190-060				
15	S101	WT	G			7	2	3	2							X										25092190-061				
16	S102	WT	G			7	2	3	2							X										25092190-062				
ADDITIONAL COMMENTS				RELINQUISHED BY / AFFILIATION				DATE	TIME	ACCEPTED BY / AFFILIATION				DATE	TIME	SAMPLE CONDITIONS														
NEW-25Q4 Rev 1								10-13	1440					10/13/25	1440	> 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 Gelp																														
SIGNATURE of SAMPLER:																														
DATE Signed (MM/DD/YY): 10-13-25																														

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

Page: 5 of 5

[illegible]

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Gelp					
SIGNATURE of SAMPLER: [Signature]	DATE Signed (MM/DD/YY): 10-13-25				

November 12, 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-25Q4

WorkOrder: 25092191

Dear Eric Bauer:

TEKLAB, INC received 24 samples on 10/13/2025 2:40:00 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 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092191

Client Project: NEW-25Q4

Report Date: 12-Nov-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:** 25092191**Client Project:** NEW-25Q4**Report Date:** 12-Nov-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)

Client: Ramboll

Work Order: 25092191

Client Project: NEW-25Q4

Report Date: 12-Nov-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: 25092191

Client Project: NEW-25Q4

Report Date: 12-Nov-25

Cooler Receipt Temp: 0.9 °C

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

Equipment Blanks 2 and 3 were not required.

APW07 collection time per field file. EAH 10/27/25

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 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092191

Client Project: NEW-25Q4

Report Date: 12-Nov-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 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-001
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW02
Collection Date: 10/07/2025 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/07/2025 11:43	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-002
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW03
Collection Date: 10/07/2025 12:31

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/07/2025 11:43	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-003
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW04
Collection Date: 10/07/2025 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	11/07/2025 11:43	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-004
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW05
Collection Date: 10/07/2025 10:03

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/07/2025 11:43	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-005
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW05S
Collection Date: 10/07/2025 10:39

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/07/2025 11:43	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-006
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW06
Collection Date: 10/07/2025 11:26

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/07/2025 11:43	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-007
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW07
Collection Date: 10/13/2025 12:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/07/2025 11:43	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-008
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW08
Collection Date: 10/07/2025 11:27

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/07/2025 11:44	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-009
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW09
Collection Date: 10/07/2025 12:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/07/2025 11:44	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-010
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW10
Collection Date: 10/07/2025 13:22

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/07/2025 11:45	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-011
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW11
Collection Date: 10/07/2025 9:59

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/07/2025 11:50	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-012
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW12
Collection Date: 10/07/2025 12:16

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/07/2025 11:50	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-013
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW13
Collection Date: 10/07/2025 10:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/07/2025 11:50	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-014
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW14
Collection Date: 10/07/2025 11:06

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/07/2025 11:51	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-015
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW15
Collection Date: 10/07/2025 13:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/07/2025 11:51	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-016
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW16
Collection Date: 10/07/2025 12:09

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/07/2025 11:51	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-017
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW17
Collection Date: 10/07/2025 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	11/07/2025 11:51	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-018
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW18
Collection Date: 10/07/2025 9:43

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/07/2025 11:51	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-019
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: Field Blank
Collection Date: 10/13/2025 11:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/07/2025 11:51	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-020
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW02 Duplicate
Collection Date: 10/07/2025 10:19

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/10/2025 9:57	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-021
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: APW11 Duplicate
Collection Date: 10/07/2025 9:59

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/10/2025 9:57	R374441



Laboratory Results

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll
Client Project: NEW-25Q4
Lab ID: 25092191-022
Matrix: GROUNDWATER

Work Order: 25092191
Report Date: 12-Nov-25
Client Sample ID: Equipment Blank 1
Collection Date: 10/13/2025 12:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SEE ATTACHED FOR SUBCONTRACTING ANALYSIS									
Subcontracted Analysis	*	0	0		See Attached		1	11/10/2025 9:57	R374441



Sample Summary

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092191

Client Project: NEW-25Q4

Report Date: 12-Nov-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25092191-001	APW02	Groundwater	1	10/07/2025 10:19
25092191-002	APW03	Groundwater	1	10/07/2025 12:31
25092191-003	APW04	Groundwater	1	10/07/2025 12:50
25092191-004	APW05	Groundwater	1	10/07/2025 10:03
25092191-005	APW05S	Groundwater	1	10/07/2025 10:39
25092191-006	APW06	Groundwater	1	10/07/2025 11:26
25092191-007	APW07	Groundwater	1	10/13/2025 12:01
25092191-008	APW08	Groundwater	1	10/07/2025 11:27
25092191-009	APW09	Groundwater	1	10/07/2025 12:00
25092191-010	APW10	Groundwater	1	10/07/2025 13:22
25092191-011	APW11	Groundwater	1	10/07/2025 9:59
25092191-012	APW12	Groundwater	1	10/07/2025 12:16
25092191-013	APW13	Groundwater	1	10/07/2025 10:40
25092191-014	APW14	Groundwater	1	10/07/2025 11:06
25092191-015	APW15	Groundwater	1	10/07/2025 13:20
25092191-016	APW16	Groundwater	1	10/07/2025 12:09
25092191-017	APW17	Groundwater	1	10/07/2025 10:42
25092191-018	APW18	Groundwater	1	10/07/2025 9:43
25092191-019	Field Blank	Groundwater	1	10/13/2025 11:35
25092191-020	APW02 Duplicate	Groundwater	1	10/07/2025 10:19
25092191-021	APW11 Duplicate	Groundwater	1	10/07/2025 9:59
25092191-022	Equipment Blank 1	Groundwater	1	10/13/2025 12:25
25092191-023	Equipment Blank 2	Groundwater	1	
25092191-024	Equipment Blank 3	Groundwater	1	



Receiving Check List

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

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

Client: Ramboll

Work Order: 25092191

Client Project: NEW-25Q4

Report Date: 12-Nov-25

Carrier: Daniel Crump

Received By: AMD

Completed by:

On:

09-Oct-25

Amber Dilallo

Reviewed by:

On:

13-Oct-25

Elizabeth A. Hurley

Pages to follow:

Chain of custody

12

Extra pages included

33

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C **0.9**

Type of thermal preservation?

None ☐

Ice ☒

Blue Ice ☐

Dry Ice ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Reported field parameters measured:

Field ☐

Lab ☐

NA ☒

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

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

Water – at least one vial per sample has zero headspace?

Yes ☐

No ☐

No VOA vials ☒

Water - TOX containers have zero headspace?

Yes ☐

No ☐

No TOX containers ☒

Water - pH acceptable upon receipt?

Yes ☐

No ☒

NA ☐

NPDES/CWA TCN interferences checked/treated in the field?

Yes ☐

No ☐

NA ☒

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

Samples were received on 10/8/25 at 1620 on ice [additional coolers = 0.9C, 0.5C, 1.5C, 3.9C, 0.5C, 1.3C, 3.7C, 0.7C, 1.1C, and 1.3C - LTG#5]. Additional Nitric Acid (106426) was needed upon arrival at the laboratory for APW14, APW15. pH strip #106426. - amberdilallo - 10/9/2025 7:30:20 AM

Samples were received on 10/13/25 at 14:40 on ice [temp = 13.5C, 13.7C, and 7.1C - LTG#9]. pH#104524. Added nitric acid (106426) to APW07. - lhenson - 10/13/2025 3:01:39 PM

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Page: 1 of 5

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 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		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N 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-811-502	NEW-811-503	NEW-845-501	NEW-NPDES-501											Residual Chlorine (Y/N)	Project No./ Lab I.D.
1		A213	WT	G				0																							N/A			
2		A214	WT	G				0																							N/A			
3		A215	WT	G				0																							N/A			
4		APW02	WT	G	10-7-25	1019		2		2																					25092191-001			
5		APW03	WT	G	10-7-25	1231		2		2																					25092191-002			
6		APW04	WT	G	10/7/25	1250		2		2																					25092191-003			
7		APW05	WT	G	10/7/25	1003		2		2																					25092191-004			
8		APW05S	WT	G	10/7/25	1034		2		2																					25092191-005			
9		APW06	WT	G	10/7/25	1126		2		2																					25092191-006			
10		APW07	WT	G				2		2																					25092191-007			
11		APW08	WT	G	10-7-25	1127		2		2																					25092191-008			
12		APW09	WT	G	10-7-25	1200		2		2																					25092191-009			
13		APW10	WT	G	10/7/25	1322		2		2																					25092191-010			
14		APW11	WT	G	10-7-25	959		2		2																					25092191-011			
15		APW12	WT	G	10/7/25	1216		2		2																					25092191-012			
16		APW13	WT	G	10-7-25	1040		2		2																					25092191-013			
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	SAMPLE CONDITIONS																					
NEW-25Q4 Rev 0			[Signature]			10-8	1620	Union, [Signature]			10/8/25	11020	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:		DATE Signed (MM/DD/YY):	10-7-25		

0.4, 0.5, 1.5, 3.9, 0.5, 1.3,
3.7, 0.7, 1.1, 1.3 ice LTA 5

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 5	
Company: Vistra Corp-Newton		Report To: Brian Voelker		Attention: Brian Voelker		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER	
Address: 6725 N. 500th St		Copy To: 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:		Site Location IL	
Phone: (217) 753-8911 Fax:		Project Name:		Project Manager:			
Requested Due Date/TAT: 10 day		Project Number:		Profile #:		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 Y/N	Requested Analysis Filtered (Y/N)												Residual Chlorine (Y/N)	Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
											Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER: Brett Gillen		DATE Signed (MM/DD/YY): 10-7-25	
SIGNATURE of SAMPLER: <i>[Signature]</i>			
Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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Page: 3 of 5

[illegible]

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Justin Cole					
SIGNATURE of SAMPLER: Justin Cole	DATE Signed (MM/DD/YY): 10-8-25				

25092191

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: 4 of 5	
Company: Vistra Corp-Newton		Report To: Brian Voelker		Attention: Brian Voelker		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER	
Address: 6725 N. 500th St Newton, IL 62448		Copy To: Kyle Ochs - kyle.ochs@vistracorp.com		Company Name: Vistra Corp			
Email To: Brian.Voelker@VistraCorp.com		Purchase Order No.:		Address: see Section A			
Phone: (217) 753-8911 Fax:		Project Name:		Quote Reference:		Site Location	
Requested Due Date/TAT: 10 day		Project Number:		Project Manager:		STATE: IL	
				Profile #:			

ITEM #	Section D Required Client Information		Valid Matrix Codes MATRIX CODE		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test	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-811-502		NEW-811-503	NEW-845-501	NEW-NPDES-501																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER: Justin Calp		DATE Signed (MM/DD/YY): 10-7-25	
SIGNATURE of SAMPLER: Justin Calp			
Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

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

Page: 5 of 5

ITEM #	Section D Required Client Information	Valid Matrix Codes MATRIX CODE	MATRIX CODE	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-811-502		NEW-811-503	NEW-845-501	NEW-NPDES-501									
1	T102		WT	G			10-7-25	1350		0																					N/A
2	XSG01		WT	G						0																					N/A
3	Field Blank		WT	G						2			2																		25092191-019
4	APW02 Duplicate		WT	G			10-7-25	1019		2			2																		25092191-020
5	APW11 Duplicate		WT	G			10-7-25	959		2			2																		25092191-021
6	G105 Duplicate		WT	G			10-8-25	1105		0																					N/A
7	G128 Duplicate		WT	G			10-8-25	1332		0																					N/A
8	G231 Duplicate		WT	G						0																					N/A
9	Equipment Blank 1		WT	G						2			2																		25092191-022
10	Equipment Blank 2		WT	G						2			2																		25092191-023
11	Equipment Blank 3		WT	G						2			2																		25092191-024
12																															
13																															
14																															
15																															
16																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS				
NEW-25Q4 Rev 0		10-8	1620		10/8/15	1100		Y		Z	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YYYY): 10-7-25

Temp in °C

Received on Ice (Y/N)

Custody Sealed Cooler (Y/N)

Samples Intact (Y/N)

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~~3.5 8 10.3 ice~~
TE UT
10/10/25 UTC 3

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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): 10-9-25				

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

Page: 4 of 5

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Page: 1 of 5

PHN 104524 added HWS (106426) to APW07

Temps
13.5, 13.7, 7.1 UTG #9

ut 10/13/25

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Page: 3 of 5

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Page: 4 of 5

REGULATORY AGENCY		
NPDES	GROUND WATER	DRINKING WATER
UST	RCRA	OTHER
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 Col					
SIGNATURE of SAMPLER: Justin Col	DATE Signed (MM/DD/YY): 10-13-25				

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

NEW-845-501

Invoice Information:

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: <i>Justin Gelp</i>	DATE Signed (MM/DD/YY): 10-13-25				

ANALYTICAL REPORT

PREPARED FOR

Attn: Elizabeth A Hurley
TekLab Inc
5445 Horseshoe Lake Road
Collinsville, Illinois 62234

Generated 11/11/2025 2:35:07 PM

JOB DESCRIPTION

Radium-226 and Radium-228
25092191

JOB NUMBER

160-59957-1

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
11/11/2025 2:35:07 PM

Authorized for release by
Erika Smith, Project Manager
erika.smith@et.eurofinsus.com
(314)298-8566



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Client: TekLab Inc
Project: Radium-226 and Radium-228

Case Narrative

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501 Job ID: 160-59957-1

Job ID: 160-59957-1

Eurofins St. Louis

CASE NARRATIVE

Client: TekLab, Inc

Project: 25092191

Report Number: 160-59957-1

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 10/14/2025 12:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved. The temperatures of the 2 coolers at receipt time were 21.2°C and 22.9°C.

Receipt Exceptions

The client emailed regarding a typo in the collection date for 25092191-022. It was collected on 10/13/25, rather than 10/7/25. And sample 25092191-007A (APW07) collection time was updated to 1201. The emails are included in the final report for documentation purposes.

Method 903.0 - Radium-226 (GFPC)

Samples 25092191-001A APW02 (160-59957-1), 25092191-002A APW03 (160-59957-2), 25092191-003A APW04 (160-59957-3), 25092191-004A APW05 (160-59957-4), 25092191-005A APW05S (160-59957-5), 25092191-006A APW06 (160-59957-6), 25092191-007A APW07 (160-59957-7), 25092191-008A APW08 (160-59957-8), 25092191-009A APW09 (160-59957-9), 25092191-010A APW10 (160-59957-10), 25092191-011A APW11 (160-59957-11), 25092191-012A APW12 (160-59957-12), 25092191-013A APW13 (160-59957-13), 25092191-014A APW14 (160-59957-14), 25092191-015A APW15 (160-59957-15), 25092191-016A APW16 (160-59957-16), 25092191-017A APW17 (160-59957-17), 25092191-018A APW18 (160-59957-18), 25092191-019A Field Blank (160-59957-19), 25092191-020A APW02 Duplicate (160-59957-20), 25092191-021A APW11 Duplicate (160-59957-21) and 25092191-022A Equipment Blank 1 (160-59957-22) were analyzed for Radium-226 (GFPC). The samples were prepared on 10/16/2025 and analyzed on 11/9/2025 and 11/10/2025.

Method 904.0 - Radium-228 (GFPC)

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Case Narrative

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1

Client: TekLab Inc
Project: Radium-226 and Radium-228

Job ID: 160-59957-1 (Continued)

Eurofins St. Louis

Samples 25092191-001A APW02 (160-59957-1), 25092191-002A APW03 (160-59957-2), 25092191-003A APW04 (160-59957-3), 25092191-004A APW05 (160-59957-4), 25092191-005A APW05S (160-59957-5), 25092191-006A APW06 (160-59957-6), 25092191-007A APW07 (160-59957-7), 25092191-008A APW08 (160-59957-8), 25092191-009A APW09 (160-59957-9), 25092191-010A APW10 (160-59957-10), 25092191-011A APW11 (160-59957-11), 25092191-012A APW12 (160-59957-12), 25092191-013A APW13 (160-59957-13), 25092191-014A APW14 (160-59957-14), 25092191-015A APW15 (160-59957-15), 25092191-016A APW16 (160-59957-16), 25092191-017A APW17 (160-59957-17), 25092191-018A APW18 (160-59957-18), 25092191-019A Field Blank (160-59957-19), 25092191-020A APW02 Duplicate (160-59957-20), 25092191-021A APW11 Duplicate (160-59957-21) and 25092191-022A Equipment Blank 1 (160-59957-22) were analyzed for Radium-228 (GFPC). The samples were prepared on 10/16/2025 and analyzed on 11/7/2025 and 11/10/2025.

The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. 25092191-007A APW07 (160-59957-7)

Method Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Samples 25092191-001A APW02 (160-59957-1), 25092191-002A APW03 (160-59957-2), 25092191-003A APW04 (160-59957-3), 25092191-004A APW05 (160-59957-4), 25092191-005A APW05S (160-59957-5), 25092191-006A APW06 (160-59957-6), 25092191-007A APW07 (160-59957-7), 25092191-008A APW08 (160-59957-8), 25092191-009A APW09 (160-59957-9), 25092191-010A APW10 (160-59957-10), 25092191-011A APW11 (160-59957-11), 25092191-012A APW12 (160-59957-12), 25092191-013A APW13 (160-59957-13), 25092191-014A APW14 (160-59957-14), 25092191-015A APW15 (160-59957-15), 25092191-016A APW16 (160-59957-16), 25092191-017A APW17 (160-59957-17), 25092191-018A APW18 (160-59957-18), 25092191-019A Field Blank (160-59957-19), 25092191-020A APW02 Duplicate (160-59957-20), 25092191-021A APW11 Duplicate (160-59957-21) and 25092191-022A Equipment Blank 1 (160-59957-22) were analyzed for Combined Radium-226 and Radium-228. The samples were analyzed on 11/11/2025.

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

Cooler Temp: Sampler: QC Level: 2

Comments: **Please issue reports and invoices via email only**
 DELIVER to Eurofins-STL. Analyze for Radium 226/228 per methods specified for
 Vistra/Ramboll projects. Method changes require Teklab authorization.
 Batch QC is required for all analyses requested. Vistra-EDD and EQuIS (using well IDs)

Project#: 25092191

Contact: Elizabeth Hurley Email: ehurley@teklabinc.com

Phone: (618) 344-1004 ext. 33

Samples collected from an IL site.

Billing/PO: 39580

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.

Ra226/228 ☒ Radium 226 ☐ Radium 228 ☐

160-59957 Chain of Custody

Lab Use	Sample ID	Sample Date/Time	Preservative	Matrix
	25092191-001A APW02	10/7/25 1019	HNO3	Groundwater
	25092191-002A APW03	10/7/25 1231	HNO3	Groundwater
	25092191-003A APW04	10/7/25 1250	HNO3	Groundwater
	25092191-004A APW05	10/7/25 1003	HNO3	Groundwater
	25092191-005A APW05S	10/7/25 1039	HNO3	Groundwater
	25092191-006A APW06	10/7/25 1126	HNO3	Groundwater
	25092191-007A APW07	10/13/25 1231	HNO3	Groundwater
	25092191-008A APW08	10/7/25 1127	HNO3	Groundwater
	25092191-009A APW09	10/7/25 1200	HNO3	Groundwater
	25092191-010A APW10	10/7/25 1322	HNO3	Groundwater
	25092191-011A APW11	10/7/25 0959	HNO3	Groundwater

*Relinquished By:  Date/Time: 10/14/25 0700 Received By:  Date/Time: 10/14/25 1225

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 4, 2025
 NEWTON POWER PLANT, PRIMARY ASH POND
 NEW-845-501

Teklab maintains a strict policy of client confidentiality and as such does not provide client/sampler information without proper authorization, and proprietary rights. Teklab, Inc. protects clients' confidential information as directed by local, state or federal laws. (Teklab QAM Section 9.1, TNI V1 M2 Section 4.1.5 c)

SubCocRevA
 3/2/2016

11/11/2025

Erika Smith

From: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Sent: Monday, October 27, 2025 8:44 AM
To: Casey Robertson; Erika Smith
Subject: RE: Eurofins TestAmerica sample confirmation files from 160-59957-1 Radium-226 and Radium-228

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Good morning,

Two typos were detected in the chain of custody. Please report 25092191-007A (APW07) collection time as 1201, and please report 25092191-022A (Equipment Blank 1) collection date as 10/13/25.

Thanks,

Elizabeth Hurley
Director of Customer Service



Teklab, Inc.
5445 Horseshoe Lake Road
Collinsville, IL 62234
Phone: (618) 344-1004 Ext. 33
Cell: (618) 791-8119
Fax: (618) 344-1005
E-mail: ehurley@teklabinc.com
www.teklabinc.com

Confidentiality Notice: The information contained in this message is intended only for the use of the addressee, and may be confidential and/or privileged. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately.

From: Casey Robertson <TALS@reports.et.eurofinsus.com>
Sent: Tuesday, October 14, 2025 4:05 PM
To: Elizabeth A. Hurley <EHurley@TekLabInc.com>; Erika Smith <Erika.Smith@et.eurofinsus.com>
Subject: Eurofins TestAmerica sample confirmation files from 160-59957-1 Radium-226 and Radium-228

Hello,

Attached please find the sample confirmation files for job 160-599571.

The samples were received on 10/14/2025 12:20 PM.

Please review the attachments for accuracy and notify your Project Manager of any discrepancies as quickly as possible.

Any discrepancies not communicated in a timely fashion could result in missed holding times, TAT delays and may potentially incur additional charges.

Please feel free to contact me or your PM Erika Smith if you have any questions.

Thank you.

Casey P Robertson
Project Manager

Eurofins St. Louis

E-mail: Casey.Robertson@et.eurofinsus.com
www.eurofinsus.com/env



Reference: [160-349406]
Attachments: 1

> > Bank information has changed, please refer to remittance information on invoice. < <

Erika Smith

From: Elizabeth A. Hurley <EHurley@TekLabInc.com>
Sent: Tuesday, October 14, 2025 4:11 PM
To: Casey Robertson; Erika Smith
Subject: RE: Eurofins TestAmerica sample confirmation files from 160-59957-1 Radium-226 and Radium-228

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi, Casey,

I spotted a typo in the collection date for 25092191-022. It was collected on 10/13/25 rather than 10/7/25. Please update prior to final reporting. Thanks!

Best,

Elizabeth Hurley
Director of Customer Service



Teklab, Inc.
5445 Horseshoe Lake Road
Collinsville, IL 62234
Phone: (618) 344-1004 Ext. 33
Cell: (618) 791-8119
Fax: (618) 344-1005
E-mail: ehurley@teklabinc.com
www.teklabinc.com

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From: Casey Robertson <TALS@reports.et.eurofinsus.com>
Sent: Tuesday, October 14, 2025 4:05 PM
To: Elizabeth A. Hurley <EHurley@TekLabInc.com>; Erika Smith <Erika.Smith@et.eurofinsus.com>
Subject: Eurofins TestAmerica sample confirmation files from 160-59957-1 Radium-226 and Radium-228

Hello,

Attached please find the sample confirmation files for job 160-599571.

The samples were received on 10/14/2025 12:20 PM.

Please review the attachments for accuracy and notify your Project Manager of any discrepancies as quickly as possible.

Any discrepancies not communicated in a timely fashion could result in missed holding times, TAT delays and may potentially incur additional charges.

Please feel free to contact me or your PM Erika Smith if you have any questions.

Thank you.

Casey P Robertson
Project Manager

Eurofins St. Louis

E-mail: Casey.Robertson@et.eurofinsus.com
www.eurofinsus.com/env



Reference: [160-349406]
Attachments: 1

> > Bank information has changed, please refer to remittance information on invoice. < <

Login Sample Receipt Checklist

Client: TekLab Inc

Job Number: 160-59957-1

SDG Number: 25092191

Login Number: 59957

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.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Definitions/Glossary

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Method Summary

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

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 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
160-59957-1	25092191-001A APW02	Water	10/07/25 10:19	10/14/25 12:20	Illinois
160-59957-2	25092191-002A APW03	Water	10/07/25 12:31	10/14/25 12:20	Illinois
160-59957-3	25092191-003A APW04	Water	10/07/25 12:50	10/14/25 12:20	Illinois
160-59957-4	25092191-004A APW05	Water	10/07/25 10:03	10/14/25 12:20	Illinois
160-59957-5	25092191-005A APW05S	Water	10/07/25 10:39	10/14/25 12:20	Illinois
160-59957-6	25092191-006A APW06	Water	10/07/25 11:26	10/14/25 12:20	Illinois
160-59957-7	25092191-007A APW07	Water	10/13/25 12:01	10/14/25 12:20	Illinois
160-59957-8	25092191-008A APW08	Water	10/07/25 11:27	10/14/25 12:20	Illinois
160-59957-9	25092191-009A APW09	Water	10/07/25 12:00	10/14/25 12:20	Illinois
160-59957-10	25092191-010A APW10	Water	10/07/25 13:22	10/14/25 12:20	Illinois
160-59957-11	25092191-011A APW11	Water	10/07/25 09:59	10/14/25 12:20	Illinois
160-59957-12	25092191-012A APW12	Water	10/07/25 12:16	10/14/25 12:20	Illinois
160-59957-13	25092191-013A APW13	Water	10/07/25 10:40	10/14/25 12:20	Illinois
160-59957-14	25092191-014A APW14	Water	10/07/25 11:06	10/14/25 12:20	Illinois
160-59957-15	25092191-015A APW15	Water	10/07/25 13:20	10/14/25 12:20	Illinois
160-59957-16	25092191-016A APW16	Water	10/07/25 12:09	10/14/25 12:20	Illinois
160-59957-17	25092191-017A APW17	Water	10/07/25 10:42	10/14/25 12:20	Illinois
160-59957-18	25092191-018A APW18	Water	10/07/25 09:43	10/14/25 12:20	Illinois
160-59957-19	25092191-019A Field Blank	Water	10/13/25 11:35	10/14/25 12:20	Illinois
160-59957-20	25092191-020A APW02 Duplicate	Water	10/07/25 10:19	10/14/25 12:20	Illinois
160-59957-21	25092191-021A APW11 Duplicate	Water	10/07/25 09:59	10/14/25 12:20	Illinois
160-59957-22	25092191-022A Equipment Blank 1	Water	10/13/25 12:25	10/14/25 12:20	Illinois

Client Sample Results

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

Client Sample ID: 25092191-001A APW02

Lab Sample ID: 160-59957-1

Date Collected: 10/07/25 10:19

Matrix: Water

Date Received: 10/14/25 12:20

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	0.191	U	0.200	0.201	1.00	0.321	pCi/L	10/16/25 08:06	11/09/25 15:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.9		30 - 110					10/16/25 08:06	11/09/25 15:45	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	1.40		0.610	0.623	1.00	0.814	pCi/L	10/16/25 08:09	11/07/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.9		30 - 110					10/16/25 08:09	11/07/25 11:43	1
Y Carrier	81.5		30 - 110					10/16/25 08:09	11/07/25 11:43	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	1.59		0.642	0.655	5.00	0.814	pCi/L		11/11/25 09:54	1

Client Sample ID: 25092191-002A APW03

Lab Sample ID: 160-59957-2

Date Collected: 10/07/25 12:31

Matrix: Water

Date Received: 10/14/25 12:20

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	0.194	U	0.139	0.140	1.00	0.198	pCi/L	10/16/25 08:06	11/09/25 15:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.3		30 - 110					10/16/25 08:06	11/09/25 15:45	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	0.462	U	0.327	0.330	1.00	0.491	pCi/L	10/16/25 08:09	11/07/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.3		30 - 110					10/16/25 08:09	11/07/25 11:43	1
Y Carrier	83.4		30 - 110					10/16/25 08:09	11/07/25 11:43	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.656		0.355	0.358	5.00	0.491	pCi/L		11/11/25 09:54	1

Eurofins St. Louis

Client Sample Results

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

Client Sample ID: 25092191-003A APW04

Lab Sample ID: 160-59957-3

Date Collected: 10/07/25 12:50

Matrix: Water

Date Received: 10/14/25 12:20

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	0.215		0.146	0.148	1.00	0.203	pCi/L	10/16/25 08:06	11/09/25 15:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.9		30 - 110					10/16/25 08:06	11/09/25 15:45	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	0.290	U	0.333	0.334	1.00	0.546	pCi/L	10/16/25 08:09	11/07/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.9		30 - 110					10/16/25 08:09	11/07/25 11:43	1
Y Carrier	83.4		30 - 110					10/16/25 08:09	11/07/25 11:43	1

Method: TAL-STL Ra226_Ra228 Pos - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium 226 and 228	0.505	U	0.364	0.365	5.00	0.546	pCi/L		11/11/25 09:54	1

Client Sample ID: 25092191-004A APW05

Lab Sample ID: 160-59957-4

Date Collected: 10/07/25 10:03

Matrix: Water

Date Received: 10/14/25 12:20

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	0.259	U	0.222	0.223	1.00	0.343	pCi/L	10/16/25 08:06	11/10/25 19:31	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	68.9		30 - 110					10/16/25 08:06	11/10/25 19:31	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.402	U	0.537	0.539	1.00	0.898	pCi/L	10/16/25 08:09	11/07/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	68.9		30 - 110					10/16/25 08:09	11/07/25 11:43	1
Y Carrier	83.0		30 - 110					10/16/25 08:09	11/07/25 11:43	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	0.661	U	0.581	0.583	5.00	0.898	pCi/L		11/11/25 09:54	1

Eurofins St. Louis

Client Sample Results

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

Client Sample ID: 25092191-005A APW05S

Lab Sample ID: 160-59957-5

Date Collected: 10/07/25 10:39

Matrix: Water

Date Received: 10/14/25 12:20

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	0.00397	U	0.130	0.130	1.00	0.253	pCi/L	10/16/25 08:06	11/09/25 15:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.7		30 - 110					10/16/25 08:06	11/09/25 15:46	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.566		0.345	0.349	1.00	0.495	pCi/L	10/16/25 08:09	11/07/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.7		30 - 110					10/16/25 08:09	11/07/25 11:43	1
Y Carrier	83.4		30 - 110					10/16/25 08:09	11/07/25 11:43	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	0.570		0.369	0.372	5.00	0.495	pCi/L		11/11/25 09:54	1

Client Sample ID: 25092191-006A APW06

Lab Sample ID: 160-59957-6

Date Collected: 10/07/25 11:26

Matrix: Water

Date Received: 10/14/25 12:20

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	0.454		0.187	0.191	1.00	0.206	pCi/L	10/16/25 08:06	11/09/25 15:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.3		30 - 110					10/16/25 08:06	11/09/25 15:46	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.356	U	0.375	0.376	1.00	0.609	pCi/L	10/16/25 08:09	11/07/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.3		30 - 110					10/16/25 08:09	11/07/25 11:43	1
Y Carrier	83.7		30 - 110					10/16/25 08:09	11/07/25 11:43	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	0.811		0.419	0.422	5.00	0.609	pCi/L		11/11/25 09:54	1

Eurofins St. Louis

Client Sample Results

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

Client Sample ID: 25092191-007A APW07

Lab Sample ID: 160-59957-7

Date Collected: 10/13/25 12:01

Matrix: Water

Date Received: 10/14/25 12:20

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	1.39		0.475	0.491	1.00	0.473	pCi/L	10/16/25 08:06	11/09/25 15:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	69.1		30 - 110					10/16/25 08:06	11/09/25 15:44	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.56	G	0.897	0.909	1.00	1.29	pCi/L	10/16/25 08:09	11/07/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	69.1		30 - 110					10/16/25 08:09	11/07/25 11:43	1
Y Carrier	82.6		30 - 110					10/16/25 08:09	11/07/25 11:43	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	2.94		1.02	1.03	5.00	1.29	pCi/L		11/11/25 09:54	1

Client Sample ID: 25092191-008A APW08

Lab Sample ID: 160-59957-8

Date Collected: 10/07/25 11:27

Matrix: Water

Date Received: 10/14/25 12:20

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	0.475		0.211	0.216	1.00	0.265	pCi/L	10/16/25 08:06	11/09/25 15:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.4		30 - 110					10/16/25 08:06	11/09/25 15:44	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.327	U	0.310	0.312	1.00	0.493	pCi/L	10/16/25 08:09	11/07/25 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.4		30 - 110					10/16/25 08:09	11/07/25 11:44	1
Y Carrier	85.2		30 - 110					10/16/25 08:09	11/07/25 11:44	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	0.802		0.375	0.379	5.00	0.493	pCi/L		11/11/25 09:54	1

Eurofins St. Louis

Client Sample Results

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

Client Sample ID: 25092191-009A APW09

Lab Sample ID: 160-59957-9

Date Collected: 10/07/25 12:00

Matrix: Water

Date Received: 10/14/25 12:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.433		0.242	0.245	1.00	0.317	pCi/L	10/16/25 08:06	11/09/25 15:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.3		30 - 110					10/16/25 08:06	11/09/25 15:44	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.892		0.521	0.528	1.00	0.737	pCi/L	10/16/25 08:09	11/07/25 11:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.3		30 - 110					10/16/25 08:09	11/07/25 11:44	1
Y Carrier	81.1		30 - 110					10/16/25 08:09	11/07/25 11:44	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	1.32		0.574	0.582	5.00	0.737	pCi/L		11/11/25 09:54	1

Client Sample ID: 25092191-010A APW10

Lab Sample ID: 160-59957-10

Date Collected: 10/07/25 13:22

Matrix: Water

Date Received: 10/14/25 12:20

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	0.346		0.164	0.167	1.00	0.188	pCi/L	10/16/25 08:06	11/09/25 15:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.1		30 - 110					10/16/25 08:06	11/09/25 15:46	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.440	U	0.419	0.421	1.00	0.672	pCi/L	10/16/25 08:09	11/07/25 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.1		30 - 110					10/16/25 08:09	11/07/25 11:45	1
Y Carrier	79.3		30 - 110					10/16/25 08:09	11/07/25 11:45	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	0.786		0.450	0.453	5.00	0.672	pCi/L		11/11/25 09:54	1

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Client Sample Results

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

Client Sample ID: 25092191-011A APW11

Lab Sample ID: 160-59957-11

Date Collected: 10/07/25 09:59

Matrix: Water

Date Received: 10/14/25 12:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.208		0.134	0.135	1.00	0.177	pCi/L	10/16/25 08:06	11/09/25 15:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.1		30 - 110					10/16/25 08:06	11/09/25 15:46	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.316	U	0.366	0.367	1.00	0.602	pCi/L	10/16/25 08:09	11/07/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.1		30 - 110					10/16/25 08:09	11/07/25 11:50	1
Y Carrier	83.7		30 - 110					10/16/25 08:09	11/07/25 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	0.524	U	0.390	0.391	5.00	0.602	pCi/L		11/11/25 09:54	1

Client Sample ID: 25092191-012A APW12

Lab Sample ID: 160-59957-12

Date Collected: 10/07/25 12:16

Matrix: Water

Date Received: 10/14/25 12:20

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	0.0670	U	0.114	0.115	1.00	0.200	pCi/L	10/16/25 08:06	11/09/25 15:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.5		30 - 110					10/16/25 08:06	11/09/25 15:46	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.203	U	0.310	0.311	1.00	0.527	pCi/L	10/16/25 08:09	11/07/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.5		30 - 110					10/16/25 08:09	11/07/25 11:50	1
Y Carrier	84.9		30 - 110					10/16/25 08:09	11/07/25 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	0.270	U	0.330	0.332	5.00	0.527	pCi/L		11/11/25 09:54	1

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Client Sample Results

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

Client Sample ID: 25092191-013A APW13

Lab Sample ID: 160-59957-13

Date Collected: 10/07/25 10:40

Matrix: Water

Date Received: 10/14/25 12:20

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	0.0264	U	0.115	0.115	1.00	0.221	pCi/L	10/16/25 08:06	11/09/25 15:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.6		30 - 110					10/16/25 08:06	11/09/25 15:47	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	0.498	U	0.439	0.442	1.00	0.696	pCi/L	10/16/25 08:09	11/07/25 11:50	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.6		30 - 110					10/16/25 08:09	11/07/25 11:50	1
Y Carrier	81.5		30 - 110					10/16/25 08:09	11/07/25 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	0.524	U	0.454	0.457	5.00	0.696	pCi/L		11/11/25 09:54	1

Client Sample ID: 25092191-014A APW14

Lab Sample ID: 160-59957-14

Date Collected: 10/07/25 11:06

Matrix: Water

Date Received: 10/14/25 12:20

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	0.303		0.172	0.174	1.00	0.224	pCi/L	10/16/25 08:06	11/09/25 15:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.2		30 - 110					10/16/25 08:06	11/09/25 15:47	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	-0.0844	U	0.309	0.309	1.00	0.602	pCi/L	10/16/25 08:09	11/07/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.2		30 - 110					10/16/25 08:09	11/07/25 11:51	1
Y Carrier	85.2		30 - 110					10/16/25 08:09	11/07/25 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	0.303	U	0.354	0.355	5.00	0.602	pCi/L		11/11/25 09:54	1

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Client Sample Results

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

Client Sample ID: 25092191-015A APW15

Lab Sample ID: 160-59957-15

Date Collected: 10/07/25 13:20

Matrix: Water

Date Received: 10/14/25 12:20

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	1.21		0.319	0.337	1.00	0.266	pCi/L	10/16/25 08:06	11/09/25 15:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.7		30 - 110					10/16/25 08:06	11/09/25 15:48	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	1.23		0.567	0.578	1.00	0.767	pCi/L	10/16/25 08:09	11/07/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.7		30 - 110					10/16/25 08:09	11/07/25 11:51	1
Y Carrier	81.1		30 - 110					10/16/25 08:09	11/07/25 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	2.43		0.651	0.669	5.00	0.767	pCi/L		11/11/25 09:54	1

Client Sample ID: 25092191-016A APW16

Lab Sample ID: 160-59957-16

Date Collected: 10/07/25 12:09

Matrix: Water

Date Received: 10/14/25 12:20

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	0.774		0.219	0.230	1.00	0.174	pCi/L	10/16/25 08:06	11/09/25 15:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.2		30 - 110					10/16/25 08:06	11/09/25 15:48	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	1.36		0.474	0.491	1.00	0.587	pCi/L	10/16/25 08:09	11/07/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.2		30 - 110					10/16/25 08:09	11/07/25 11:51	1
Y Carrier	83.0		30 - 110					10/16/25 08:09	11/07/25 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	2.14		0.522	0.542	5.00	0.587	pCi/L		11/11/25 09:54	1

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Client Sample Results

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

Client Sample ID: 25092191-017A APW17

Lab Sample ID: 160-59957-17

Date Collected: 10/07/25 10:42

Matrix: Water

Date Received: 10/14/25 12:20

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	0.948		0.261	0.274	1.00	0.226	pCi/L	10/16/25 08:06	11/09/25 15:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.0		30 - 110					10/16/25 08:06	11/09/25 15:48	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	1.07		0.450	0.461	1.00	0.585	pCi/L	10/16/25 08:09	11/07/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.0		30 - 110					10/16/25 08:09	11/07/25 11:51	1
Y Carrier	84.5		30 - 110					10/16/25 08:09	11/07/25 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	2.02		0.520	0.536	5.00	0.585	pCi/L		11/11/25 09:54	1

Client Sample ID: 25092191-018A APW18

Lab Sample ID: 160-59957-18

Date Collected: 10/07/25 09:43

Matrix: Water

Date Received: 10/14/25 12:20

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	0.560		0.232	0.238	1.00	0.255	pCi/L	10/16/25 08:06	11/09/25 15:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.7		30 - 110					10/16/25 08:06	11/09/25 15:48	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	0.793	U	0.531	0.536	1.00	0.802	pCi/L	10/16/25 08:09	11/07/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.7		30 - 110					10/16/25 08:09	11/07/25 11:51	1
Y Carrier	80.4		30 - 110					10/16/25 08:09	11/07/25 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	1.35		0.579	0.586	5.00	0.802	pCi/L		11/11/25 09:54	1

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Client Sample Results

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

Client Sample ID: 25092191-019A Field Blank

Lab Sample ID: 160-59957-19

Date Collected: 10/13/25 11:35

Matrix: Water

Date Received: 10/14/25 12:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.171	U	0.129	0.130	1.00	0.175	pCi/L	10/16/25 08:06	11/09/25 15:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.0		30 - 110					10/16/25 08:06	11/09/25 15:48	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	-0.0910	U	0.415	0.415	1.00	0.777	pCi/L	10/16/25 08:09	11/07/25 11:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	73.0		30 - 110					10/16/25 08:09	11/07/25 11:51	1
Y Carrier	86.0		30 - 110					10/16/25 08:09	11/07/25 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	0.171	U	0.435	0.435	5.00	0.777	pCi/L		11/11/25 09:54	1

Client Sample ID: 25092191-020A APW02 Duplicate

Lab Sample ID: 160-59957-20

Date Collected: 10/07/25 10:19

Matrix: Water

Date Received: 10/14/25 12:20

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	0.163	U	0.200	0.201	1.00	0.330	pCi/L	10/16/25 08:00	11/10/25 15:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.2		30 - 110					10/16/25 08:00	11/10/25 15:30	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	0.0747	U	0.372	0.372	1.00	0.670	pCi/L	10/16/25 08:04	11/10/25 09:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.2		30 - 110					10/16/25 08:04	11/10/25 09:57	1
Y Carrier	74.8		30 - 110					10/16/25 08:04	11/10/25 09:57	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	0.237	U	0.422	0.423	5.00	0.670	pCi/L		11/11/25 11:05	1

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Client Sample Results

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
815 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

Client Sample ID: 25092191-021A APW11 Duplicate

Lab Sample ID: 160-59957-21

Date Collected: 10/07/25 09:59

Matrix: Water

Date Received: 10/14/25 12:20

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		0.265	0.268	1.00	0.346	pCi/L	10/16/25 08:00	11/10/25 15:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.7		30 - 110					10/16/25 08:00	11/10/25 15:30	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	0.444	U	0.390	0.392	1.00	0.616	pCi/L	10/16/25 08:04	11/10/25 09:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.7		30 - 110					10/16/25 08:04	11/10/25 09:57	1
Y Carrier	75.5		30 - 110					10/16/25 08:04	11/10/25 09:57	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	0.904		0.472	0.475	5.00	0.616	pCi/L		11/11/25 11:05	1

Client Sample ID: 25092191-022A Equipment Blank 1

Lab Sample ID: 160-59957-22

Date Collected: 10/13/25 12:25

Matrix: Water

Date Received: 10/14/25 12:20

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.149	U	0.112	0.113	1.00	0.333	pCi/L	10/16/25 08:00	11/10/25 15:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.2		30 - 110					10/16/25 08:00	11/10/25 15:30	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	0.196	U	0.307	0.308	1.00	0.524	pCi/L	10/16/25 08:04	11/10/25 09:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.2		30 - 110					10/16/25 08:04	11/10/25 09:57	1
Y Carrier	81.5		30 - 110					10/16/25 08:04	11/10/25 09:57	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	0.196	U	0.327	0.328	5.00	0.524	pCi/L		11/11/25 11:05	1

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QC Sample Results

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-740920/1-A
Matrix: Water
Analysis Batch: 744616

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 740920

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1833	U	0.222	0.223	1.00	0.365	pCi/L	10/16/25 08:00	11/10/25 15:30	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.8		30 - 110					10/16/25 08:00	11/10/25 15:30	1

Lab Sample ID: LCS 160-740920/2-A
Matrix: Water
Analysis Batch: 744616

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 740920

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226			9.57	9.075		1.24	1.00	0.305	pCi/L	95	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits								
Ba Carrier	81.1		30 - 110								

Lab Sample ID: MB 160-740922/1-A
Matrix: Water
Analysis Batch: 744400

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 740922

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.06703	U	0.127	0.127	1.00	0.224	pCi/L	10/16/25 08:06	11/09/25 15:47	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.5		30 - 110					10/16/25 08:06	11/09/25 15:47	1

Lab Sample ID: LCS 160-740922/2-A
Matrix: Water
Analysis Batch: 744400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 740922

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226			9.57	9.401		1.12	1.00	0.277	pCi/L	98	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits								
Ba Carrier	82.5		30 - 110								

Lab Sample ID: 160-59957-5 DU
Matrix: Water
Analysis Batch: 744401

Client Sample ID: 25092191-005A APW05S
Prep Type: Total/NA
Prep Batch: 740922

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.00397	U	0.007082	U	0.111	1.00	0.222	pCi/L	0.01	1

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QC Sample Results

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: 160-59957-5 DU
Matrix: Water
Analysis Batch: 744401

Client Sample ID: 25092191-005A APW05S
Prep Type: Total/NA
Prep Batch: 740922

	DU	DU	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	77.9		30 - 110

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-740921/1-A
Matrix: Water
Analysis Batch: 744620

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 740921

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3448	U	0.390	0.392	1.00	0.640	pCi/L	10/16/25 08:04	11/10/25 09:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.8		30 - 110					10/16/25 08:04	11/10/25 09:57	1
Y Carrier	83.4		30 - 110					10/16/25 08:04	11/10/25 09:57	1

Lab Sample ID: LCS 160-740921/2-A
Matrix: Water
Analysis Batch: 744620

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 740921

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	7.94	9.020		1.30	1.00	0.601	pCi/L	114	75 - 125
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	81.1		30 - 110						
Y Carrier	79.3		30 - 110						

Lab Sample ID: MB 160-740923/1-A
Matrix: Water
Analysis Batch: 744256

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 740923

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4717	U	0.376	0.379	1.00	0.586	pCi/L	10/16/25 08:09	11/07/25 11:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.5		30 - 110					10/16/25 08:09	11/07/25 11:42	1
Y Carrier	83.4		30 - 110					10/16/25 08:09	11/07/25 11:42	1

Lab Sample ID: LCS 160-740923/2-A
Matrix: Water
Analysis Batch: 744256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 740923

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	7.95	9.361		1.30	1.00	0.547	pCi/L	118	75 - 125

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QC Sample Results

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-740923/2-A
Matrix: Water
Analysis Batch: 744256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 740923

LCS LCS			
Carrier	%Yield	Qualifier	Limits
Ba Carrier	82.5		30 - 110
Y Carrier	81.1		30 - 110

Lab Sample ID: 160-59957-5 DU
Matrix: Water
Analysis Batch: 744256

Client Sample ID: 25092191-005A APW05S
Prep Type: Total/NA
Prep Batch: 740923

Analyte	Sample Sample		DU DU		Total	RL	MDC	Unit	RER	Limit
	Result	Qual	Result	Qual	Uncert. (2σ+/-)					
Radium-228	0.566		0.1777	U	0.346	1.00	0.600	pCi/L	0.56	1
DU DU										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	77.9		30 - 110							
Y Carrier	80.0		30 - 110							

QC Association Summary

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845-QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

Rad

Prep Batch: 740920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-59957-20	25092191-020A APW02 Duplicate	Total/NA	Water	PrecSep-21	
160-59957-21	25092191-021A APW11 Duplicate	Total/NA	Water	PrecSep-21	
160-59957-22	25092191-022A Equipment Blank 1	Total/NA	Water	PrecSep-21	
MB 160-740920/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-740920/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 740921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-59957-20	25092191-020A APW02 Duplicate	Total/NA	Water	PrecSep_0	
160-59957-21	25092191-021A APW11 Duplicate	Total/NA	Water	PrecSep_0	
160-59957-22	25092191-022A Equipment Blank 1	Total/NA	Water	PrecSep_0	
MB 160-740921/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-740921/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 740922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-59957-1	25092191-001A APW02	Total/NA	Water	PrecSep-21	
160-59957-2	25092191-002A APW03	Total/NA	Water	PrecSep-21	
160-59957-3	25092191-003A APW04	Total/NA	Water	PrecSep-21	
160-59957-4	25092191-004A APW05	Total/NA	Water	PrecSep-21	
160-59957-5	25092191-005A APW05S	Total/NA	Water	PrecSep-21	
160-59957-6	25092191-006A APW06	Total/NA	Water	PrecSep-21	
160-59957-7	25092191-007A APW07	Total/NA	Water	PrecSep-21	
160-59957-8	25092191-008A APW08	Total/NA	Water	PrecSep-21	
160-59957-9	25092191-009A APW09	Total/NA	Water	PrecSep-21	
160-59957-10	25092191-010A APW10	Total/NA	Water	PrecSep-21	
160-59957-11	25092191-011A APW11	Total/NA	Water	PrecSep-21	
160-59957-12	25092191-012A APW12	Total/NA	Water	PrecSep-21	
160-59957-13	25092191-013A APW13	Total/NA	Water	PrecSep-21	
160-59957-14	25092191-014A APW14	Total/NA	Water	PrecSep-21	
160-59957-15	25092191-015A APW15	Total/NA	Water	PrecSep-21	
160-59957-16	25092191-016A APW16	Total/NA	Water	PrecSep-21	
160-59957-17	25092191-017A APW17	Total/NA	Water	PrecSep-21	
160-59957-18	25092191-018A APW18	Total/NA	Water	PrecSep-21	
160-59957-19	25092191-019A Field Blank	Total/NA	Water	PrecSep-21	
MB 160-740922/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-740922/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
160-59957-5 DU	25092191-005A APW05S	Total/NA	Water	PrecSep-21	

Prep Batch: 740923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-59957-1	25092191-001A APW02	Total/NA	Water	PrecSep_0	
160-59957-2	25092191-002A APW03	Total/NA	Water	PrecSep_0	
160-59957-3	25092191-003A APW04	Total/NA	Water	PrecSep_0	
160-59957-4	25092191-004A APW05	Total/NA	Water	PrecSep_0	
160-59957-5	25092191-005A APW05S	Total/NA	Water	PrecSep_0	
160-59957-6	25092191-006A APW06	Total/NA	Water	PrecSep_0	
160-59957-7	25092191-007A APW07	Total/NA	Water	PrecSep_0	
160-59957-8	25092191-008A APW08	Total/NA	Water	PrecSep_0	
160-59957-9	25092191-009A APW09	Total/NA	Water	PrecSep_0	
160-59957-10	25092191-010A APW10	Total/NA	Water	PrecSep_0	

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QC Association Summary

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845-QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

Rad (Continued)

Prep Batch: 740923 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-59957-11	25092191-011A APW11	Total/NA	Water	PrecSep_0	
160-59957-12	25092191-012A APW12	Total/NA	Water	PrecSep_0	
160-59957-13	25092191-013A APW13	Total/NA	Water	PrecSep_0	
160-59957-14	25092191-014A APW14	Total/NA	Water	PrecSep_0	
160-59957-15	25092191-015A APW15	Total/NA	Water	PrecSep_0	
160-59957-16	25092191-016A APW16	Total/NA	Water	PrecSep_0	
160-59957-17	25092191-017A APW17	Total/NA	Water	PrecSep_0	
160-59957-18	25092191-018A APW18	Total/NA	Water	PrecSep_0	
160-59957-19	25092191-019A Field Blank	Total/NA	Water	PrecSep_0	
MB 160-740923/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-740923/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
160-59957-5 DU	25092191-005A APW05S	Total/NA	Water	PrecSep_0	

Tracer/Carrier Summary

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

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)					
160-59957-1	25092191-001A APW02	77.9					
160-59957-2	25092191-002A APW03	86.3					
160-59957-3	25092191-003A APW04	80.9					
160-59957-4	25092191-004A APW05	68.9					
160-59957-5	25092191-005A APW05S	84.7					
160-59957-5 DU	25092191-005A APW05S	77.9					
160-59957-6	25092191-006A APW06	80.3					
160-59957-7	25092191-007A APW07	69.1					
160-59957-8	25092191-008A APW08	81.4					
160-59957-9	25092191-009A APW09	74.3					
160-59957-10	25092191-010A APW10	80.1					
160-59957-11	25092191-011A APW11	83.1					
160-59957-12	25092191-012A APW12	82.5					
160-59957-13	25092191-013A APW13	74.6					
160-59957-14	25092191-014A APW14	76.2					
160-59957-15	25092191-015A APW15	84.7					
160-59957-16	25092191-016A APW16	82.2					
160-59957-17	25092191-017A APW17	76.0					
160-59957-18	25092191-018A APW18	87.7					
160-59957-19	25092191-019A Field Blank	73.0					
160-59957-20	25092191-020A APW02	87.2					
	Duplicate						
160-59957-21	25092191-021A APW11	87.7					
	Duplicate						
160-59957-22	25092191-022A Equipment	87.2					
	Blank 1						
LCS 160-740920/2-A	Lab Control Sample	81.1					
LCS 160-740922/2-A	Lab Control Sample	82.5					
MB 160-740920/1-A	Method Blank	79.8					
MB 160-740922/1-A	Method Blank	82.5					

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
		Ba		Y			
Lab Sample ID	Client Sample ID	(30-110)	(30-110)				
160-59957-1	25092191-001A APW02	77.9	81.5				
160-59957-2	25092191-002A APW03	86.3	83.4				
160-59957-3	25092191-003A APW04	80.9	83.4				
160-59957-4	25092191-004A APW05	68.9	83.0				
160-59957-5	25092191-005A APW05S	84.7	83.4				
160-59957-5 DU	25092191-005A APW05S	77.9	80.0				
160-59957-6	25092191-006A APW06	80.3	83.7				
160-59957-7	25092191-007A APW07	69.1	82.6				
160-59957-8	25092191-008A APW08	81.4	85.2				
160-59957-9	25092191-009A APW09	74.3	81.1				
160-59957-10	25092191-010A APW10	80.1	79.3				

Eurofins St. Louis

Tracer/Carrier Summary

Client: TekLab Inc
Project/Site: Radium-226 and Radium-228

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501
Job ID: 160-59957-1
SDG: 25092191

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)
160-59957-11	25092191-011A APW11	83.1	83.7
160-59957-12	25092191-012A APW12	82.5	84.9
160-59957-13	25092191-013A APW13	74.6	81.5
160-59957-14	25092191-014A APW14	76.2	85.2
160-59957-15	25092191-015A APW15	84.7	81.1
160-59957-16	25092191-016A APW16	82.2	83.0
160-59957-17	25092191-017A APW17	76.0	84.5
160-59957-18	25092191-018A APW18	87.7	80.4
160-59957-19	25092191-019A Field Blank	73.0	86.0
160-59957-20	25092191-020A APW02	87.2	74.8
	Duplicate		
160-59957-21	25092191-021A APW11	87.7	75.5
	Duplicate		
160-59957-22	25092191-022A Equipment Blank 1	87.2	81.5
LCS 160-740921/2-A	Lab Control Sample	81.1	79.3
LCS 160-740923/2-A	Lab Control Sample	82.5	81.1
MB 160-740921/1-A	Method Blank	79.8	83.4
MB 160-740923/1-A	Method Blank	82.5	83.4

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Field Data Sheet

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: A213
Sample ID: 001
Date (s): 10/9/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 60 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	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: 10/9/25 9:12 AM Static Water Level: 19.55 feet below TOC
Total Depth: 61.02 feet below TOC
Water Column: 41.47 feet

Purging Activities

Purged By: AL Purge Date: 10/9/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 41.472 ft. x 0.022 = 0.91 L x 3 Vol. = 2.73 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 2.00 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
9:12	0.0	71	purge start time						
9:28	1.1	↓	6.79	2,617.20	16.44	3.80	128.60	-0.02	
9:31	1.4		6.77	2,624.10	16.53	3.35	128.40	0.29	
9:34	1.6		6.77	2,633.30	16.71	3.05	128.00	0.53	
9:37	1.8		6.77	2,642.60	16.91	2.91	127.40	1.02	
9:40	2.0		6.77	2,652.30	17.09	2.82	126.70	1.58	

Sampling Activities

Sampled By: PY Sample Date/Time: 10/9/2025 9:40
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.77 pH 2,652.30 Spec. Cond. 17.09 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 22.61 feet below TOC Drawdown: 3.06 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51296

Form Completed By:

Allison Lampe

Date:

10/9/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: A214
Sample ID: 002
Date (s): 10/13/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 71 °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: 10/13/25 11:14 AM Static Water Level: 41.56 feet below TOC
Total Depth: 75.44 feet below TOC
Water Column: 33.88 feet

Purging Activities

Purged By: PY Purge Date: 10/13/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 33.877 ft. x 0.022 = 0.75 L x 3 Vol. = 2.25 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Cloudy Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:14	0.0	471	purge start time						
11:22	3.8	↓	7.48	1,485.80	15.55	0.48	-16.50	51.87	
11:25	5.2		7.47	1,481.00	15.48	0.40	-33.20	42.34	
11:28	6.6		7.48	1,473.80	15.29	0.36	-45.30	35.61	
11:31	8.0		7.48	1,461.60	15.22	0.32	-54.60	27.79	

Sampling Activities

Sampled By: PY Sample Date/Time: 10/13/2025 11:31
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.39 pH 10.40 Spec. Cond. 19.68 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 41.65 feet below TOC Drawdown: 0.09 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51296

Form Completed By:

Allison Lampe

Date: 10/13/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: A215
Sample ID: 003
Date (s): 10/13/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 65 °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: 10/13/25 10:06 AM Static Water Level: 44.70 feet below TOC
Total Depth: 78.27 feet below TOC
Water Column: 33.57 feet

Purging Activities

Purged By: PY Purge Date: 10/13/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 33.57 ft. x 0.022 = 0.74 L x 3 Vol. = 2.22 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
10:06	0.0	318	purge start time						
10:30	7.6	↓	7.09	3,142.60	16.30	0.47	-42.70	168.49	
10:35	9.2		7.14	2,776.40	16.11	0.38	-56.40	107.74	
10:38	10.2		7.16	2,643.00	15.87	0.34	-61.60	64.74	
10:41	11.1		7.17	2,558.00	15.82	0.32	-66.10	50.72	
10:44	12.1		7.18	2,486.00	15.65	0.30	-69.60	32.23	
10:47	13.0		7.19	2,432.80	15.72	0.29	-72.60	29.52	
10:50	14.0		7.20	2,349.10	15.50	0.27	-76.00	18.44	

Sampling Activities

Sampled By: PY Sample Date/Time: 10/13/2025 10:50
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.20 pH 2,349.10 Spec. Cond. 15.50 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 45.00 feet below TOC Drawdown: 0.30 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51296

Form Completed By: Allison Lampe

Date: 10/13/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: APW02
Sample ID: 004
Date (s): 10/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 72 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☒ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 10/7/25 9:56 AM Static Water Level: 8.86 feet below TOC
Total Depth: 23.49 feet below TOC
Water Column: 14.63 feet

Purging Activities

Purged By: JC Purge Date: 10/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.632 ft. x 0.022 = 0.32 L x 3 Vol. = 0.96 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:58	0.0	238	purge start time						
10:04	1.4	↓	6.17	5,669.50	18.62	2.56	140.30	2.96	
10:07	2.1		6.20	5,674.90	18.75	2.17	139.90	2.99	
10:10	2.9		6.21	5,669.50	18.85	1.82	140.80	2.35	
10:13	3.6		6.22	5,649.80	18.83	1.49	142.90	1.94	
10:16	4.3		6.23	5,618.60	18.91	1.31	145.00	1.88	
10:19	5.0		6.25	5,597.90	19.14	1.23	143.70	3.39	

Sampling Activities

Sampled By: JC Sample Date/Time: 10/7/2025 10:19
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.25 pH 5,597.90 Spec. Cond. 19.14 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 11.38 feet below TOC Drawdown: 2.52 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210764

Form Completed By: Justin Colp

Date: 10/7/2025



Monitoring Point:	APW03
Sample ID:	005
Date (s):	10/7/2025

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Temp: 76 °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>11.52</u>	feet below TOC
Total Depth:	<u>23.74</u>	feet below TOC
Water Column:	<u>12.22</u>	feet

Purged By:	BG	Purge Date:	10/7/2025
Purge Method:	Peristaltic Pump	Well Diameter:	2"
Purge Volume Calculation (L):	12.223 ft. x 0.022 = 0.27 L x 3 Vol. = 0.81 L		<i>*Based on Low-Flow (3/8" discharge)</i>
Actual Purge Volume (L):	4.00 L		
Physical appearance of purge water:	Clear	Odor:	None
		Color:	Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:13	0.0	222	purge start time						
12:19	1.3	↓	6.72	951.20	22.28	1.50	66.70	0.76	
12:22	2.0		6.69	958.70	22.43	1.46	68.50	0.71	
12:25	2.7		6.69	952.40	21.89	1.37	68.10	0.75	
12:28	3.3		6.68	951.70	20.82	1.07	66.70	1.17	
12:31	4.0		6.69	941.10	20.65	1.01	13.20	2.59	

Sampled By:	BG	Sample Date/Time:	10/7/2025	12:31
Sample Method:	Low Flow	Sample Equipment:	Peristaltic Pump	
Sample Parameters:	6.69 pH	941.10 Spec. Cond.	20.65	Temp
Field Filtered:	Yes	Filter Type:	Inline Disposable	
Water Level:	12.46	feet below TOC	Drawdown:	0.94 feet

- Field Meter: 44622

Butt Lillie

Date: 10/7/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: APW04
Sample ID: 006
Date (s): 10/7/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 73 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	<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: 10/7/25 12:31 PM Static Water Level: 5.47 feet below TOC
Total Depth: 21.37 feet below TOC
Water Column: 15.90 feet

Purging Activities

Purged By: PY Purge Date: 10/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 15.902 ft. x 0.022 = 0.35 L x 3 Vol. = 1.05 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
12:31	0.0	158	purge start time						
12:41	1.6	↓	6.62	2,201.90	19.94	1.14	109.70	48.24	
12:44	2.1		6.61	2,200.80	19.93	1.04	112.20	62.24	
12:47	2.5		6.61	2,206.50	20.21	1.04	114.00	62.90	
12:50	3.0		6.61	2,214.00	20.50	1.03	115.40	62.66	

Sampling Activities

Sampled By: PY Sample Date/Time: 10/7/2025 12:50
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.61 pH 2,214.00 Spec. Cond. 20.50 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 8.78 feet below TOC Drawdown: 3.31 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51296

Form Completed By:

Allison Lampe

Date: 10/7/2025



Field Data Sheet

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: APW05
Sample ID: 007
Date (s): 10/7/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 71 °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: 10/7/25 9:28 AM Static Water Level: 15.71 feet below TOC
Total Depth: 70.78 feet below TOC
Water Column: 55.07 feet

Purging Activities

Purged By: PY Purge Date: 10/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 55.073 ft. x 0.022 = 1.21 L x 3 Vol. = 3.63 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 L
Physical appearance of purge water: Clear Odor: None Color: lightbrown

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
9:28	0.0	114	purge start time						
9:51	2.6	↓	7.09	1,136.30	17.63	3.84	135.80	2.98	
9:54	3.0		7.14	1,136.10	17.49	3.60	133.70	1.50	
9:57	3.3		7.17	1,138.20	17.45	3.42	132.20	1.79	
10:00	3.7		7.18	1,137.60	17.41	3.23	131.10	0.72	
10:03	4.0		7.19	1,138.70	17.27	3.11	130.70	0.75	

Sampling Activities

Sampled By: PY Sample Date/Time: 10/7/2025 10:03
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 7.19 pH 1,138.70 Spec. Cond. 17.27 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 15.81 feet below TOC Drawdown: 0.10 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51296

Form Completed By:

Allison Lampe

Date:

10/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: APW05S
Sample ID: 008
Date (s): 10/7/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 73 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☒ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	<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: 10/7/25 10:18 AM Static Water Level: 14.62 feet below TOC
Total Depth: 23.16 feet below TOC
Water Column: 8.54 feet

Purging Activities

Purged By: PY Purge Date: 10/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 8.544 ft. x 0.022 = 0.19 L x 3 Vol. = 0.57 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 2.00 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
10:18	0.0	95	purge start time						
10:30	1.1	↓	6.60	3,462.40	20.37	1.65	121.90	40.85	
10:33	1.4		6.61	3,484.60	21.01	1.58	124.00	40.45	
10:36	1.7		6.62	3,503.50	21.61	1.56	125.40	41.34	
10:39	2.0		6.62	3,529.10	22.21	1.54	126.40	42.02	

Sampling Activities

Sampled By: PY Sample Date/Time: 10/7/2025 10:39
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.62 pH 3,529.10 Spec. Cond. 22.21 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 14.78 feet below TOC Drawdown: 0.16 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51296

Form Completed By:

Allison Lampe

Date: 10/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: APW06
Sample ID: 009
Date (s): 10/7/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 73 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	<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: 10/7/25 11:03 AM Static Water Level: 20.12 feet below TOC
Total Depth: 76.11 feet below TOC
Water Column: 55.99 feet

Purging Activities

Purged By: PY Purge Date: 10/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 55.993 ft. x 0.022 = 1.23 L x 3 Vol. = 3.69 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
11:03	0.0	174	purge start time						
11:17	2.4	↓	7.48	1,099.70	19.15	1.17	99.60	11.42	
11:20	3.0		7.48	1,101.80	19.42	1.10	99.90	9.30	
11:23	3.5		7.48	1,102.20	18.98	1.08	100.10	7.20	
11:26	4.0		7.47	1,101.80	19.31	1.03	100.30	5.27	

Sampling Activities

Sampled By: PY Sample Date/Time: 10/7/2025 11:26
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 7.47 pH 1,101.80 Spec. Cond. 19.31 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 20.45 feet below TOC Drawdown: 0.33 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51296

Form Completed By:

Allison Lampe

Date: 10/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: APW07
Sample ID: 010
Date (s): 10/13/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 69 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No	
Casing	Good		Protective Casing	X	
Protective Casing	Good		Well		X
Reference Mark/Identification	Yes				

Groundwater Level Measurements

Date/Time Measured: 10/13/25 11:14 AM Static Water Level: 47.31 feet below TOC
Total Depth: 85.66 feet below TOC
Water Column: 38.35 feet

Purging Activities

Purged By: BG Purge Date: 10/13/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): $38.354 \text{ ft.} \times 0.022 = 0.84 \text{ L} \times 3 \text{ Vol.} = 2.52 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 13.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Lt 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
11:14	0.0	277	purge start time						
11:37	6.4	↓	7.27	1,063.40	16.87	1.08	-114.10	1035.01	
11:40	7.2		7.26	1,065.80	17.06	0.86	-128.00	973.07	
11:43	8.0		7.25	1,062.10	16.94	0.81	-134.80	945.31	
11:46	8.9		7.25	1,060.00	16.87	0.76	-138.90	823.75	
11:49	9.7		7.25	1,064.10	17.59	0.75	-140.90	701.77	
11:52	10.5		7.25	1,061.70	16.74	0.72	-143.00	584.60	
11:55	11.3		7.25	1,061.10	17.36	0.75	-143.90	484.36	
11:58	12.2		7.25	1,062.90	17.23	0.72	-144.60	382.26	
12:01	13.0		7.24	1,061.80	17.40	0.74	-145.10	317.63	

Sampling Activities

Sampled By: BG Sample Date/Time: 10/13/2025 12:01
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.24 pH 1,061.80 Spec. Cond. 17.40 Temp
Field Filtered: No Filter Type:
Water Level: 47.39 feet below TOC Drawdown: 0.08 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44622

Form Completed By: 

Date: 10/13/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: APW08
Sample ID: 011
Date (s): 10/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 75 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 10/7/25 11:03 AM Static Water Level: 38.08 feet below TOC
Total Depth: 84.27 feet below TOC
Water Column: 46.19 feet

Purging Activities

Purged By: JC Purge Date: 10/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 46.193 ft. x 0.022 = 1.02 L x 3 Vol. = 3.06 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
11:05	0.0	205	purge start time						
11:12	1.4	↓	7.07	1,209.90	17.89	3.14	183.30	5.98	
11:15	2.0		7.01	1,217.40	17.55	1.98	183.10	8.79	
11:18	2.7		6.99	1,222.60	17.34	1.60	182.20	9.54	
11:21	3.3		6.99	1,223.40	17.30	1.48	181.50	8.72	
11:24	3.9		6.98	1,224.00	17.22	1.38	180.70	6.56	
11:27	4.5		6.98	1,223.70	17.27	1.36	179.40	5.01	

Sampling Activities

Sampled By: JC Sample Date/Time: 10/7/2025 11:27
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.98 pH 1,223.70 Spec. Cond. 17.27 Temp
Field Filtered: No Filter Type:
Water Level: 38.14 feet below TOC Drawdown: 0.06 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210764

Form Completed By: Justin Colp

Date: 10/7/2025



Monitoring Point:	APW09
Sample ID:	012
Date (s):	10/7/2025

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Temp: 74 °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>28.19</u>	feet below TOC
Total Depth:	<u>65.03</u>	feet below TOC
Water Column:	36.84	feet

Purged By:	BG	Purge Date:	10/7/2025
Purge Method:	Peristaltic Pump	Well Diameter:	2"
Purge Volume Calculation (L):	36.843 ft. x 0.022 = 0.81 L x 3 Vol. = 2.43 L		<i>*Based on Low-Flow (3/8" discharge)</i>
Actual Purge Volume (L):	5.00 L		
Physical appearance of purge water:	Clear	Odor:	None
		Color:	Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:25	0.0	143	purge start time						
11:48	3.3	↓	7.34	1,429.50	23.31	2.19	39.70	1.88	
11:51	3.7		7.34	1,432.40	23.63	2.09	41.00	1.19	
11:54	4.1		7.35	1,431.10	22.20	1.96	42.20	1.71	
11:57	4.6		7.36	1,428.10	21.70	1.89	43.40	1.34	
12:00	5.0		7.36	1,425.70	21.63	1.82	44.60	1.95	

Sampled By:	BG	Sample Date/Time:	10/7/2025	12:00
Sample Method:	Low Flow	Sample Equipment:	Peristaltic Pump	
Sample Parameters:	7.36 pH	1,425.70 Spec. Cond.	21.63	Temp
Field Filtered:	No	Filter Type:		
Water Level:	28.94	feet below TOC	Drawdown:	0.75 feet

- Field Meter: 44622

Date: 10/7/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: APW10
Sample ID: 013
Date (s): 10/7/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 75 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 10/7/25 12:59 PM Static Water Level: 19.46 feet below TOC
Total Depth: 48.77 feet below TOC
Water Column: 29.31 feet

Purging Activities

Purged By: PY Purge Date: 10/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $29.305 \text{ ft.} \times 0.022 = 0.64 \text{ L} \times 3 \text{ Vol.} = 1.92 \text{ L}$ *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
13:04	0.0	222	purge start time						
13:16	2.7	↓	7.15	1,612.70	15.73	1.02	119.90	9.71	
13:19	3.3		7.13	1,612.10	15.65	1.02	120.40	10.26	
13:22	4.0		7.12	1,610.50	15.49	0.88	120.70	12.77	

Sampling Activities

Sampled By: PY Sample Date/Time: 10/7/2025 13:22
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.12 pH 1,610.50 Spec. Cond. 15.49 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 19.81 feet below TOC Drawdown: 0.35 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51296

Form Completed By:

Allison Lampe

Date: 10/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: APW11
Sample ID: 014
Date (s): 10/7/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 71 °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: 10/7/25 9:27 AM Static Water Level: 25.57 feet below TOC
Total Depth: 67.83 feet below TOC
Water Column: 42.26 feet

Purging Activities

Purged By: BG Purge Date: 10/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 42.264 ft. x 0.022 = 0.93 L x 3 Vol. = 2.79 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: Lt Rust

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
9:27	0.0	219	purge start time						
9:44	3.7	↓	6.86	1,254.00	16.40	1.17	-22.80	94.81	
9:47	4.4		6.87	1,251.20	16.37	1.10	-32.70	59.62	
9:50	5.0		6.88	1,249.40	16.37	1.07	-37.60	66.58	
9:53	5.7		6.89	1,247.80	16.35	1.02	-43.70	62.79	
9:56	6.3		6.91	1,249.50	16.20	0.97	-48.60	75.83	
9:59	7.0		6.91	1,248.60	16.22	0.96	-51.80	40.07	

Sampling Activities

Sampled By: BG Sample Date/Time: 10/7/2025 9:59
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.91 pH 1,248.60 Spec. Cond. 16.22 Temp
Field Filtered: No Filter Type:
Water Level: 25.66 feet below TOC Drawdown: 0.09 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44622

Form Completed By: Brett Gillihan

Date: 10/7/2025



Field Data Sheet

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: APW12
Sample ID: 015
Date (s): 10/7/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 73 °F Wind Direction: ☐ N ☐ S ☐ E ☒ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	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: 10/7/25 11:48 AM Static Water Level: 17.05 feet below TOC
Total Depth: 33.10 feet below TOC
Water Column: 16.05 feet

Purging Activities

Purged By: PY Purge Date: 10/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 16.052 ft. x 0.022 = 0.35 L x 3 Vol. = 1.05 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 4.00 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
11:48	0.0	143	purge start time						
12:04	2.3	↓	6.28	2,167.60	18.08	2.42	137.10	-0.19	
12:07	2.7		6.28	2,196.80	18.14	2.29	136.90	-0.80	
12:10	3.1		6.28	2,210.30	18.26	2.17	136.60	-1.56	
12:13	3.6		6.29	2,223.80	18.06	2.06	136.20	-1.72	
12:16	4.0		6.29	2,227.90	17.97	2.02	136.00	-1.90	

Sampling Activities

Sampled By: PY Sample Date/Time: 10/7/2025 12:16
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.29 pH 2,227.90 Spec. Cond. 17.97 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 17.15 feet below TOC Drawdown: 0.10 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51296

Form Completed By:

Allison Lampe

Date:

10/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: APW13
Sample ID: 016
Date (s): 10/7/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 71 °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: 10/7/25 10:20 AM Static Water Level: 33.82 feet below TOC
Total Depth: 66.56 feet below TOC
Water Column: 32.74 feet

Purging Activities

Purged By: BG Purge Date: 10/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 32.737 ft. x 0.022 = 0.72 L x 3 Vol. = 2.16 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
10:20	0.0	294	purge start time						
10:28	2.4	↓	6.94	1,394.00	17.76	1.69	-101.70	6.57	
10:31	3.2		6.93	1,415.40	18.51	1.72	-102.00	11.84	
10:34	4.1		6.94	1,425.50	18.43	1.59	-103.30	19.16	
10:37	5.0		6.94	1,426.80	18.44	1.50	-103.50	27.86	

Sampling Activities

Sampled By: BG Sample Date/Time: 10/7/2025 10:37
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.94 pH 1,426.80 Spec. Cond. 18.44 Temp
Field Filtered: No Filter Type:
Water Level: 34.13 feet below TOC Drawdown: 0.31 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44622

Form Completed By:

Brett Gillihan

Date: 10/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: APW14
Sample ID: 017
Date (s): 10/7/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 74 °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: 10/7/25 10:50 AM Static Water Level: 22.51 feet below TOC
Total Depth: 57.54 feet below TOC
Water Column: 35.03 feet

Purging Activities

Purged By: BG Purge Date: 10/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 35.025 ft. x 0.022 = 0.77 L x 3 Vol. = 2.31 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: 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	333	purge start time						
10:53	1.0	↓	7.11	1,493.80	15.80	2.44	-57.20	14.73	
10:56	2.0		7.07	1,499.50	15.98	1.46	-87.60	9.17	
10:59	3.0		7.07	1,499.80	15.91	1.17	-99.40	5.18	
11:02	4.0		7.07	1,502.00	15.75	1.03	-104.50	5.31	
11:05	5.0		7.07	1,501.00	15.86	0.97	-107.40	4.61	

Sampling Activities

Sampled By: BG Sample Date/Time: 10/7/2025 11:05
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.07 pH 1,501.00 Spec. Cond. 15.86 Temp _____
Field Filtered: No Filter Type: _____
Water Level: 22.76 feet below TOC Drawdown: 0.25 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44622

Form Completed By:

Brett Gillihan

Date: 10/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: APW15
Sample ID: 018
Date (s): 10/7/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 76 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<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: 10/7/25 12:48 PM Static Water Level: 21.21 feet below TOC
Total Depth: 105.99 feet below TOC
Water Column: 84.78 feet

Purging Activities

Purged By: BG Purge Date: 10/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 84.777 ft. x 0.022 = 1.87 L x 3 Vol. = 5.61 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Cloudy Odor: None Color: clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:48	0.0	156	purge start time						
13:08	3.1	↓	6.99	1,980.70	19.44	1.10	-130.50	141.99	
13:11	3.6		6.99	1,994.00	20.40	1.08	-129.30	90.06	
13:14	4.1		6.99	2,010.00	20.75	1.07	-129.00	79.63	
13:17	4.5		6.99	2,011.20	20.96	1.09	-127.60	98.26	
13:20	5.0		6.99	2,014.10	20.87	1.04	-126.60	66.53	

Sampling Activities

Sampled By: BG Sample Date/Time: 10/7/2025 13:20
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.99 pH 2,014.10 Spec. Cond. 20.87 Temp
Field Filtered: No Filter Type:
Water Level: 21.71 feet below TOC Drawdown: 0.50 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44622
- Bubbles in discharge line

Form Completed By:

Brett Gillihan

Date: 10/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: APW16
Sample ID: 019
Date (s): 10/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 75 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	<u>Yes</u>	<u>No</u>
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 10/7/25 11:44 AM Static Water Level: 40.86 feet below TOC
Total Depth: 87.82 feet below TOC
Water Column: 46.96 feet

Purging Activities

Purged By: JC Purge Date: 10/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 46.96 ft. x 0.022 = 1.03 L x 3 Vol. = 3.09 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
11:46	0.0	174	purge start time						
11:54	1.4	↓	7.07	1,414.30	17.32	2.59	183.20	14.71	
11:57	1.9		7.06	1,417.90	17.30	1.81	175.30	13.41	
12:00	2.4		7.07	1,421.90	17.28	1.44	160.70	12.99	
12:03	3.0		7.07	1,423.50	17.14	1.24	144.60	9.61	
12:06	3.5		7.07	1,426.50	17.13	1.11	129.20	9.10	
12:09	4.0		7.07	1,426.20	17.11	1.01	115.20	8.58	

Sampling Activities

Sampled By: JC Sample Date/Time: 10/7/2025 12:09
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.07 pH 1,426.20 Spec. Cond. 17.11 Temp
Field Filtered: No Filter Type:
Water Level: 40.87 feet below TOC Drawdown: 0.01 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210764

Form Completed By: Justin Colp

Date: 10/7/2025



Field Data Sheet

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: APW17
Sample ID: 020
Date (s): 10/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 74 °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: 10/7/25 10:22 AM Static Water Level: 41.79 feet below TOC
Total Depth: 94.92 feet below TOC
Water Column: 53.13 feet

Purging Activities

Purged By: JC Purge Date: 10/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 53.131 ft. x 0.022 = 1.17 L x 3 Vol. = 3.51 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 4.50 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
10:25	0.0	265	purge start time						
10:30	1.3	↓	7.09	1,276.10	17.32	1.40	165.20	19.74	
10:33	2.1		7.09	1,275.00	17.56	1.10	165.40	17.32	
10:36	2.9		7.10	1,275.60	17.55	0.87	159.90	10.61	
10:39	3.7		7.09	1,275.20	17.63	0.73	150.60	9.07	
10:42	4.5		7.09	1,276.00	17.59	0.64	139.50	6.85	

Sampling Activities

Sampled By: JC Sample Date/Time: 10/7/2025 10:42
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.09 pH 1,276.00 Spec. Cond. 17.59 Temp
Field Filtered: No Filter Type:
Water Level: 41.80 feet below TOC Drawdown: 0.01 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210764

Form Completed By: Justin Colp

Date: 10/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: APW18
Sample ID: 021
Date (s): 10/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 71 °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: 10/7/25 9:16 AM Static Water Level: 52.26 feet below TOC
Total Depth: 82.96 feet below TOC
Water Column: 30.70 feet

Purging Activities

Purged By: JC Purge Date: 10/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 30.704 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: Clear Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:20	0.0	261	purge start time						
9:25	1.3	↓	6.81	1,121.00	16.50	2.88	288.00	6.66	
9:28	2.1		6.94	1,128.00	16.12	1.60	276.80	5.16	
9:31	2.9		7.00	1,125.80	16.02	1.21	263.40	3.82	
9:34	3.7		7.06	1,124.10	15.93	0.89	247.10	2.98	
9:37	4.4		7.11	1,122.60	15.84	0.68	229.10	2.50	
9:40	5.2		7.15	1,120.20	15.86	0.58	211.40	1.98	
9:43	6.0		7.18	1,119.30	15.95	0.52	194.70	3.41	

Sampling Activities

Sampled By: JC Sample Date/Time: 10/7/2025 9:43
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.18 pH 1,119.30 Spec. Cond. 15.95 Temp _____
Field Filtered: No Filter Type: _____
Water Level: 52.29 feet below TOC Drawdown: 0.03 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210764

Form Completed By: Justin Colp

Date: 10/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G104
Sample ID: 022
Date (s): 10/8/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 60 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	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: 10/8/25 9:42 AM Static Water Level: 9.76 feet below TOC
Total Depth: 39.21 feet below TOC
Water Column: 29.45 feet

Purging Activities

Purged By: JC Purge Date: 10/8/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $29.45 \text{ ft.} \times 0.022 = 0.65 \text{ L} \times 3 \text{ Vol.} = 1.95 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:45	0.0	233	purge start time						
9:51	1.4	↓	6.68	1,497.10	18.63	2.84	124.40	14.22	
9:54	2.1		6.57	1,486.90	18.42	2.58	156.90	13.27	
9:57	2.8		6.53	1,479.50	18.29	2.42	175.30	10.69	
10:00	3.5		6.51	1,475.90	18.20	2.27	187.60	10.13	
10:03	4.2		6.50	1,477.90	18.26	2.07	196.50	10.30	
10:06	4.9		6.50	1,484.80	18.29	1.75	203.00	10.33	
10:09	5.6		6.50	1,487.70	18.30	1.56	208.00	8.63	
10:12	6.3		6.50	1,485.70	18.27	1.45	212.00	8.21	
10:15	7.0		6.50	1,486.00	18.36	1.36	215.20	7.51	

Sampling Activities

Sampled By: JC Sample Date/Time: 10/8/2025 10:15
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.50 pH 1,486.00 Spec. Cond. 18.36 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.45 feet below TOC Drawdown: 0.69 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210764

Form Completed By: Justin Colp

Date: 10/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G104D
Sample ID: 023
Date (s): 10/6/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 64 °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: 10/6/25 10:52 AM

Static Water Level: 50.99 feet below TOC
Total Depth: 88.82 feet below TOC
Water Column: 37.83 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: 10/6/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G104S
Sample ID: 024
Date (s): 10/6/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 64 °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: 10/6/25 10:50 AM

Static Water Level: 9.96 feet below TOC
Total Depth: 24.91 feet below TOC
Water Column: 14.95 feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: _____ Sample Date/Time: _____
Sample Method: _____ Sample Equipment: _____
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: [Signature]

Date: 10/6/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G105
Sample ID: 025
Date (s): 10/8/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 60 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	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: 10/8/25 10:47 AM Static Water Level: 12.33 feet below TOC
Total Depth: 25.45 feet below TOC
Water Column: 13.12 feet

Purging Activities

Purged By: PY Purge Date: 10/8/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 13.116 ft. x 0.022 = 0.29 L x 3 Vol. = 0.87 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 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
10:47	0.0	278	purge start time						
10:56	2.5	↓	6.54	2,388.10	17.72	0.93	-127.30	21.19	
10:59	3.3		6.54	2,387.40	17.76	0.84	-122.50	16.25	
11:02	4.2		6.55	2,386.50	17.77	0.79	-119.70	13.38	
11:05	5.0		6.55	2,377.80	17.89	0.76	-115.40	14.58	

Sampling Activities

Sampled By: AL Sample Date/Time: 10/8/2025 11:05
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.55 pH 2,377.80 Spec. Cond. 17.89 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 13.71 feet below TOC Drawdown: 1.38 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51296

Form Completed By:

Allison Lampe

Date: 10/8/2025



Field Data Sheet

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G106
Sample ID: 026
Date (s): 10/9/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 57 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	Good	Protective Casing	X	
Protective Casing	Good	Well		X
Reference Mark/Identification	Yes			

Groundwater Level Measurements

Date/Time Measured: 10/9/25 9:48 AM Static Water Level: 24.71 feet below TOC
Total Depth: 36.07 feet below TOC
Water Column: 11.36 feet

Purging Activities

Purged By: JC Purge Date: 10/9/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): $11.361 \text{ ft.} \times 0.022 = 0.25 \text{ L} \times 3 \text{ Vol.} = 0.75 \text{ L}$ *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 11.00 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
9:50	0.0	200	purge start time						
10:00	2.0	↓	6.21	4,051.30	14.17	1.51	214.90	209.63	
10:03	2.6		6.20	4,048.50	14.16	1.04	217.50	229.00	
10:06	3.2		6.19	4,027.70	14.24	0.88	219.40	187.27	
10:09	3.8		6.19	3,997.60	14.31	0.82	221.00	138.23	
10:12	4.4		6.20	3,972.20	14.42	0.79	222.30	104.50	
10:15	5.0		6.20	3,946.00	14.51	0.75	223.50	82.20	
10:18	5.6		6.20	3,930.60	14.58	0.73	224.60	72.99	
10:21	6.2		6.20	3,914.40	14.57	0.71	225.50	60.62	
10:24	6.8		6.20	3,904.10	14.58	0.69	226.40	52.02	
10:27	7.4		6.21	3,892.10	14.63	0.67	227.20	42.31	
10:30	8.0		6.21	3,881.20	14.64	0.65	227.70	37.34	
10:33	8.6		6.21	3,872.60	14.69	0.62	228.20	29.33	
10:36	9.2		6.21	3,864.80	14.79	0.60	228.50	24.34	
10:39	9.8		6.21	3,858.90	14.84	0.58	228.60	19.61	
10:42	10.4		6.21	3,851.80	14.88	0.58	229.10	18.34	
10:45	11.0		6.21	3,850.80	14.93	0.56	229.00	14.96	

Sampling Activities

Sampled By: JC Sample Date/Time: 10/9/2025 10:45
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.21 pH 3,850.80 Spec. Cond. 14.93 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 27.98 feet below TOC Drawdown: 3.27 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210764

Form Completed By: 

Date: 10/9/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G109
Sample ID: 027
Date (s): 10/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 70 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/6/25 11:35 AM

Static Water Level: 11.81 feet below TOC
Total Depth: 23.79 feet below TOC
Water Column: 11.98 feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: _____ Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (L): _____
Physical appearance of purge water: _____ Odor: _____ Color: _____

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: _____ Sample Date/Time: _____
Sample Method: _____ Sample Equipment: _____
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: _____ Filter Type: _____
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: Justin Colp

Date: 10/6/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G111
Sample ID: 028
Date (s): 10/6/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 70 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/6/25 11:18 AM Static Water Level: 10.68 feet below TOC
Total Depth: 22.02 feet below TOC
Water Column: 11.34 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: 10/6/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G112
Sample ID: 029
Date (s): 10/6/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 74 °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: 10/6/25 1:12 PM

Static Water Level: 11.26 feet below TOC
Total Depth: 23.68 feet below TOC
Water Column: 12.42 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: Brett Gillihan

Date: 10/6/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G113
Sample ID: 030
Date (s): 10/6/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 72 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/6/25 12:02 PM

Static Water Level: 22.82 feet below TOC
Total Depth: 34.02 feet below TOC
Water Column: 11.20 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: 10/6/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G114
Sample ID: 031
Date (s): 10/6/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 74 °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: 10/6/25 2:43 PM

Static Water Level: 19.05 feet below TOC
Total Depth: 17.88 feet below TOC
Water Column: -1.17 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: 10/6/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G115
Sample ID: 032
Date (s): 10/6/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 70 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/6/25 11:34 AM

Static Water Level: 8.71 feet below TOC
Total Depth: 19.28 feet below TOC
Water Column: 10.57 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: 10/6/2025



Field Data Sheet

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G116
Sample ID: 033
Date (s): 10/8/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 71 °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: 10/8/25 12:41 PM Static Water Level: 7.69 feet below TOC
Total Depth: 21.84 feet below TOC
Water Column: 14.15 feet

Purging Activities

Purged By: JC Purge Date: 10/8/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.145 ft. x 0.022 = 0.31 L x 3 Vol. = 0.93 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.50 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:42	0.0	206	purge start time						
12:47	1.0	↓	6.77	1,020.50	21.23	1.37	128.70	4.22	
12:50	1.6		6.63	996.90	21.01	1.15	139.50	3.79	
12:53	2.3		6.58	983.40	21.17	1.06	147.50	3.49	
12:56	2.9		6.54	988.00	21.57	1.01	154.10	3.88	
12:59	3.5		6.52	984.60	21.40	0.94	159.40	2.40	

Sampling Activities

Sampled By: JC Sample Date/Time: 10/8/2025 12:59
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.52 pH 984.60 Spec. Cond. 21.40 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 8.60 feet below TOC Drawdown: 0.91 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210764

Form Completed By: 

Date: 10/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G117
Sample ID: 034
Date (s): 10/6/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 74 °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: 10/6/25 2:50 PM

Static Water Level: 17.38 feet below TOC
Total Depth: 21.76 feet below TOC
Water Column: 4.38 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: 10/6/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G118
Sample ID: 035
Date (s): 10/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 70 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/6/25 11:18 AM

Static Water Level: 15.96 feet below TOC
Total Depth: 22.68 feet below TOC
Water Column: 6.72 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: 10/6/2025



ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Monitoring Point:	G119
Sample ID:	036
Date (s):	10/6/2025

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Temp: 70 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW

Precipitation: ☒ 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: 10/6/25 11:31 AM

Static Water Level:	<u>11.74</u>	feet below TOC
Total Depth:	<u>23.16</u>	feet below TOC
Water Column:	11.42	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: 10/6/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G120
Sample ID: 037
Date (s): 10/6/2025

Field Team Members

Name: Danny Crump Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 72 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad Good
Casing Good
Protective Casing Good
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing	X	
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/6/25 12:25 PM

Static Water Level: 11.42 feet below TOC
Total Depth: 23.59 feet below TOC
Water Column: 12.17 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: 10/6/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G125
Sample ID: 038
Date (s): 10/8/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 67 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	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: 10/8/25 11:01 AM Static Water Level: 4.58 feet below TOC
Total Depth: 22.67 feet below TOC
Water Column: 18.09 feet

Purging Activities

Purged By: DC Purge Date: 10/8/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 18.087 ft. x 0.022 = 0.4 L x 3 Vol. = 1.2 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: Clear

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:01	0.0	217	purge start time						
11:12	2.4	↓	7.02	3,633.50	21.18	1.42	54.20	69.03	
11:15	3.0		7.02	3,630.20	21.12	1.36	58.60	83.20	
11:18	3.7		7.02	3,632.90	21.20	1.29	61.50	98.90	
11:21	4.3		7.02	3,631.10	21.10	1.23	63.40	106.14	
11:24	5.0		7.02	3,637.00	20.99	1.20	64.90	62.59	

Sampling Activities

Sampled By: BG Sample Date/Time: 10/8/2025 11:24
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 7.02 pH 3,637.00 Spec. Cond. 20.99 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 4.79 feet below TOC Drawdown: 0.21 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44622

Form Completed By:

Brett Gillihan

Date: 10/8/2025



Field Data Sheet

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G128
Sample ID: 039
Date (s): 10/8/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 71 °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: 10/8/25 1:01 PM Static Water Level: 4.87 feet below TOC
Total Depth: 29.93 feet below TOC
Water Column: 25.06 feet

Purging Activities

Purged By: DC Purge Date: 10/8/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 25.064 ft. x 0.022 = 0.55 L x 3 Vol. = 1.65 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: 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
13:01	0.0	161	purge start time						
13:20	3.1		7.02	15,495.50	21.68	1.44	-33.50	64.19	
13:23	3.5		7.02	15,575.30	22.23	1.58	-31.50	78.70	
13:26	4.0		7.02	15,604.90	22.41	1.58	-30.70	85.90	
13:29	4.5		7.02	15,609.20	22.30	1.58	-29.70	95.98	
13:32	5.0		7.02	15,604.30	22.23	1.64	-28.70	107.90	

Sampling Activities

Sampled By: BG Sample Date/Time: 10/8/2025 13:32
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 7.02 pH 15,604.30 Spec. Cond. 22.23 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 5.32 feet below TOC Drawdown: 0.45 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44622
- Lots of bubbles in flow cell

Form Completed By:

Brett Gillihan

Date: 10/8/2025



Field Data Sheet

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G130
Sample ID: 040
Date (s): 10/8/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 69 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	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: 10/8/25 11:33 AM Static Water Level: 8.10 feet below TOC
Total Depth: 21.67 feet below TOC
Water Column: 13.57 feet

Purging Activities

Purged By: JC Purge Date: 10/8/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 13.568 ft. x 0.022 = 0.3 L x 3 Vol. = 0.9 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
11:34	0.0	235	purge start time						
11:39	1.2	↓	5.96	11,737.00	19.57	1.49	263.80	8.52	
11:42	1.9		5.97	11,747.90	19.74	1.15	255.80	3.93	
11:45	2.6		5.97	11,756.30	19.96	1.10	250.90	3.69	
11:48	3.3		5.97	11,772.80	20.04	1.05	247.20	3.67	
11:51	4.0		5.97	11,759.10	19.91	0.93	244.20	2.41	

Sampling Activities

Sampled By: JC Sample Date/Time: 10/8/2025 11:51
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 5.97 pH 11,759.10 Spec. Cond. 19.91 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 9.44 feet below TOC Drawdown: 1.34 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210764

Form Completed By: Justin Colp

Date: 10/8/2025



Monitoring Point:	G133
Sample ID:	041
Date (s):	10/8/2025

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Temp: 71 °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>14.43</u>	feet below TOC
Total Depth:	<u>28.02</u>	feet below TOC
Water Column:	13.59	feet

Purged By:	JC	Purge Date:	10/8/2025
Purge Method:	Peristaltic Pump	Well Diameter:	2"
Purge Volume Calculation (L):	13.587 ft. x 0.022 = 0.3 L x 3 Vol. = 0.9 L		<i>*Based on Low-Flow (3/8" discharge)</i>
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
12:05	0.0	200	purge start time						
12:08	0.6	↓	6.38	7,065.70	18.64	1.57	228.70	5.39	
12:11	1.2		6.35	7,041.30	19.24	1.27	228.60	6.72	
12:14	1.8		6.33	6,961.80	19.54	1.12	230.40	6.51	
12:17	2.4		6.32	6,936.70	19.70	1.07	231.60	6.49	
12:20	3.0		6.32	6,911.10	19.80	1.02	232.20	6.04	

Sampled By:	JC	Sample Date/Time:	10/8/2025	12:20
Sample Method:	Low Flow	Sample Equipment:	Peristaltic Pump	
Sample Parameters:	6.32 pH	6,911.10 Spec. Cond.	19.80	Temp
Field Filtered:	Yes	Filter Type:	Inline Disposable	
Water Level:	17.17	feet below TOC	Drawdown:	2.74 feet

- Field Meter: 210764

Date: 10/8/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G136
Sample ID: 042
Date (s): 10/8/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 67 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	Yes	No	
Casing	<u>Good</u>		Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>		Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>				

Groundwater Level Measurements

Date/Time Measured: 10/8/25 11:06 AM Static Water Level: 10.58 feet below TOC
Total Depth: 22.63 feet below TOC
Water Column: 12.05 feet

Purging Activities

Purged By: JC Purge Date: 10/8/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 12.054 ft. x 0.022 = 0.27 L x 3 Vol. = 0.81 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 3.50 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
11:06	0.0	250	purge start time						
11:11	1.3	↓	6.71	3,333.90	18.91	1.38	187.20	5.66	
11:14	2.0		6.69	3,283.20	19.12	1.22	191.30	5.23	
11:17	2.7		6.69	3,205.00	19.06	1.13	193.60	4.92	
11:20	3.5		6.69	3,103.40	19.08	1.09	195.30	5.21	

Sampling Activities

Sampled By: JC Sample Date/Time: 10/8/2025 11:20
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.69 pH 3,103.40 Spec. Cond. 19.08 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 11.67 feet below TOC Drawdown: 1.09 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210764

Form Completed By:  Date: 10/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G139
Sample ID: 043
Date (s): 10/8/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 62 °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: 10/8/25 10:33 AM Static Water Level: 9.84 feet below TOC
Total Depth: 23.32 feet below TOC
Water Column: 13.48 feet

Purging Activities

Purged By: JC Purge Date: 10/8/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 13.477 ft. x 0.022 = 0.3 L x 3 Vol. = 0.9 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
10:34	0.0	250	purge start time						
10:39	1.3	↓	6.39	8,461.10	18.16	2.38	133.70	5.38	
10:42	2.0		6.41	8,333.10	18.29	2.10	138.80	6.30	
10:45	2.8		6.42	8,217.30	18.42	1.95	144.70	4.81	
10:48	3.5		6.42	8,090.10	18.41	1.77	151.10	3.94	
10:51	4.3		6.42	7,975.40	18.35	1.62	156.90	3.60	
10:54	5.0		6.43	7,873.60	18.43	1.54	161.70	3.15	

Sampling Activities

Sampled By: JC Sample Date/Time: 10/8/2025 10:54
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.43 pH 7,873.60 Spec. Cond. 18.43 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 10.06 feet below TOC Drawdown: 0.22 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210764

Form Completed By: Justin Colp

Date: 10/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G141
Sample ID: 044
Date (s): 10/8/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 62 °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: 10/8/25 12:04 PM Static Water Level: 16.05 feet below TOC
Total Depth: 14.76 feet below TOC
Water Column: -1.29 feet

Purging Activities

Purged By: PY Purge Date: 10/8/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): -1.29 ft. x 0.022 = -0.03 L x 3 Vol. = -0.09 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
12:04	0.0	217	purge start time						
12:18	3.0	↓	6.96	2,482.10	18.34	0.83	15.30	14.97	
12:21	3.7		6.92	2,285.80	18.40	1.00	14.10	14.72	
12:24	4.3		6.86	2,142.90	18.38	1.37	15.50	13.14	
12:27	5.0		6.82	2,100.40	18.36	1.50	17.30	11.54	

Sampling Activities

Sampled By: PY Sample Date/Time: 10/8/2025 12:27
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.82 pH 2,100.40 Spec. Cond. 18.36 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 16.92 feet below TOC Drawdown: 0.87 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51296

Form Completed By:

Allison Lampe

Date: 10/8/2025



Field Data Sheet

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G217S
Sample ID: 045
Date (s): 10/8/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 60 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	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: 10/8/25 9:34 AM Static Water Level: 8.19 feet below TOC
Total Depth: 21.50 feet below TOC
Water Column: 13.31 feet

Purging Activities

Purged By: DC Purge Date: 10/8/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 13.31 ft. x 0.022 = 0.29 L x 3 Vol. = 0.87 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
9:34	0.0	227	purge start time						
9:44	2.3	↓	7.02	5,643.30	19.31	1.53	140.30	45.87	
9:47	3.0		7.02	5,637.00	19.48	1.51	139.80	46.39	
9:50	3.6		7.02	5,635.40	19.48	1.50	139.60	45.67	
9:53	4.3		7.02	5,636.60	19.48	1.51	139.40	45.57	
9:56	5.0		7.02	5,627.90	19.56	1.59	139.20	45.31	

Sampling Activities

Sampled By: BG Sample Date/Time: 10/8/2025 9:56
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 7.02 pH 5,627.90 Spec. Cond. 19.56 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 8.88 feet below TOC Drawdown: 0.69 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44622

Form Completed By:

Brett Gillihan

Date: 10/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G221
Sample ID: 046
Date (s): 10/8/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 75 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	<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: 10/13/25 11:54 AM Static Water Level: 26.12 feet below TOC
Total Depth: 86.86 feet below TOC
Water Column: 60.74 feet

Purging Activities

Purged By: PY Purge Date: 10/8/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 60.742 ft. x 0.022 = 1.34 L x 3 Vol. = 4.02 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
11:54	0.0	150	purge start time						
12:05	1.7	↓	6.91	1,653.50	18.98	1.10	-66.20	9.62	
12:08	2.1		6.89	1,668.00	19.65	1.08	-72.00	4.87	
12:11	2.6		6.89	1,679.70	20.32	1.01	-66.30	7.52	
12:14	3.0		6.88	1,695.90	21.18	1.04	-63.80	4.59	

Sampling Activities

Sampled By: PY Sample Date/Time: 10/13/2025 12:14
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 6.88 pH 1,695.90 Spec. Cond. 21.18 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 29.79 feet below TOC Drawdown: 3.67 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51296

Form Completed By:

Allison Lampe

Date: 10/13/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G225
Sample ID: 047
Date (s): 10/8/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 60 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	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: 10/8/25 11:24 AM Static Water Level: 13.01 feet below TOC
Total Depth: 24.70 feet below TOC
Water Column: 11.69 feet

Purging Activities

Purged By: AL Purge Date: 10/8/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 11.689 ft. x 0.022 = 0.26 L x 3 Vol. = 0.78 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 6.00 L
Physical appearance of purge water: Clear Odor: None Color: None

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
11:24	0.0	222	purge start time						
11:39	3.3	↓	6.95	1,394.80	19.65	1.22	-10.90	8.17	
11:42	4.0		6.93	1,388.60	19.57	1.12	-11.80	8.78	
11:45	4.7		6.90	1,382.40	19.55	1.05	-12.30	8.01	
11:48	5.3		6.88	1,373.50	19.66	1.03	-12.30	6.73	
11:51	6.0		6.88	1,376.50	19.70	1.01	-12.10	6.11	

Sampling Activities

Sampled By: PY Sample Date/Time: 10/8/2025 11:51
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.88 pH 1,376.50 Spec. Cond. 19.70 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 15.65 feet below TOC Drawdown: 2.64 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51296

Form Completed By:

Allison Lampe

Date:

10/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G230
Sample ID: 048
Date (s): 10/8/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 56 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	<u>Good</u>	Locks	<u>Yes</u>	<u>No</u>
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 10/8/25 9:23 AM Static Water Level: 48.71 feet below TOC
Total Depth: 80.64 feet below TOC
Water Column: 31.93 feet

Purging Activities

Purged By: AL Purge Date: 10/8/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 31.932 ft. x 0.022 = 0.7 L x 3 Vol. = 2.1 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
9:23	0.0	207	purge start time						
9:40	3.5	↓	6.92	1,710.90	14.93	0.57	14.40	74.47	
9:43	4.1		6.94	1,660.40	14.95	0.52	-2.60	66.65	
9:46	4.8		6.96	1,627.30	14.96	0.48	-14.30	57.79	
9:49	5.4		6.97	1,598.50	15.11	0.48	-21.80	55.28	
9:52	6.0		6.98	1,580.30	15.27	0.45	-26.40	49.72	

Sampling Activities

Sampled By: PY Sample Date/Time: 10/8/2025 9:52
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.98 pH 1,580.30 Spec. Cond. 15.27 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 48.93 feet below TOC Drawdown: 0.22 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51296

Form Completed By: 

Date: 10/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G231
Sample ID: 049
Date (s): 10/13/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 64 °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: 10/13/25 10:05 AM Static Water Level: 48.03 feet below TOC
Total Depth: 79.35 feet below TOC
Water Column: 31.32 feet

Purging Activities

Purged By: DC Purge Date: 10/13/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 31.322 ft. x 0.022 = 0.69 L x 3 Vol. = 2.07 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Milky

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
10:05	0.0	205	purge start time						
10:32	5.5	↓	7.20	1,226.40	16.76	0.81	-124.00	279.59	
10:35	6.2		7.20	1,218.00	17.22	0.90	-126.90	248.56	
10:38	6.8		7.20	1,208.40	17.50	0.94	-129.10	207.65	
10:41	7.4		7.20	1,199.30	18.00	0.99	-130.20	176.42	
10:44	8.0		7.21	1,200.00	17.74	1.02	-130.60	173.13	

Sampling Activities

Sampled By: BG Sample Date/Time: 10/13/2025 10:44
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.21 pH 1,200.00 Spec. Cond. 17.74 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 48.00 feet below TOC Drawdown: -0.03 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44622

Form Completed By:

Brett Gillihan

Date: 10/13/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G232
Sample ID: 050
Date (s): 10/8/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 59 °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: 10/8/25 10:07 AM Static Water Level: 46.42 feet below TOC
Total Depth: 77.19 feet below TOC
Water Column: 30.77 feet

Purging Activities

Purged By: AL Purge Date: 10/8/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 30.773 ft. x 0.022 = 0.68 L x 3 Vol. = 2.04 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Cloudy Odor: Slight 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
10:07	0.0	192	purge start time						
10:21	2.7	↓	6.93	1,658.10	16.09	0.49	-175.10	54.74	
10:24	3.3		6.97	1,578.00	16.02	0.46	-171.20	51.28	
10:27	3.8		6.99	1,528.60	16.05	0.44	-167.90	45.28	
10:30	4.4		7.01	1,475.60	16.05	0.43	-162.50	38.53	
10:33	5.0		7.03	1,444.80	16.02	0.43	-158.40	35.63	

Sampling Activities

Sampled By: PY Sample Date/Time: 10/8/2025 10:33
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.03 pH 1,444.80 Spec. Cond. 16.02 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 46.92 feet below TOC Drawdown: 0.50 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51296

Form Completed By: Payton Yoch

Date: 10/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G233
Sample ID: 051
Date (s): 10/8/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 64 °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: 10/8/25 11:42 AM Static Water Level: 42.38 feet below TOC
Total Depth: 75.62 feet below TOC
Water Column: 33.24 feet

Purging Activities

Purged By: DC Purge Date: 10/8/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 33.237 ft. x 0.022 = 0.73 L x 3 Vol. = 2.19 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: 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
11:42	0.0	220	purge start time						
11:52	2.2	↓	7.02	1,816.10	15.47	1.26	-124.30	23.64	
11:55	2.9		7.02	1,728.00	15.46	1.18	-126.00	22.00	
11:58	3.5		7.02	1,604.40	15.30	1.12	-127.50	27.09	
12:01	4.2		7.02	1,516.20	15.30	1.06	-128.50	34.73	
12:04	4.8		7.02	1,443.70	15.30	1.04	-129.20	36.41	
12:07	5.5		7.02	1,379.40	15.25	1.02	-129.50	36.46	

Sampling Activities

Sampled By: BG Sample Date/Time: 10/8/2025 12:07
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.02 pH 1,379.40 Spec. Cond. 15.25 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 42.61 feet below TOC Drawdown: 0.23 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44622

Form Completed By: Brett Gillihan

Date: 10/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G234
Sample ID: 052
Date (s): 10/8/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 71 °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: 10/8/25 12:24 PM Static Water Level: 48.96 feet below TOC
Total Depth: 73.40 feet below TOC
Water Column: 24.44 feet

Purging Activities

Purged By: DC Purge Date: 10/8/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 24.439 ft. x 0.022 = 0.54 L x 3 Vol. = 1.62 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
12:24	0.0	240	purge start time						
12:37	3.1	↓	7.02	1,525.10	18.88	1.80	-103.60	24.33	
12:40	3.8		7.02	1,503.60	19.05	1.81	-104.50	22.50	
12:43	4.6		7.02	1,491.60	19.39	1.83	-104.80	23.70	
12:46	5.3		7.02	1,484.50	19.60	1.85	-104.90	24.44	
12:49	6.0		7.02	1,476.80	19.81	1.84	-104.90	25.13	

Sampling Activities

Sampled By: BG Sample Date/Time: 10/8/2025 12:49
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.02 pH 1,476.80 Spec. Cond. 19.81 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 49.53 feet below TOC Drawdown: 0.57 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44622

Form Completed By:

Brett Gillihan

Date: 10/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: L1R
Sample ID: 053
Date (s): 10/13/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 68 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad _____
Casing _____
Protective Casing _____
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/13/25 11:06 AM Static Water Level: 52.19 feet below TOC
Total Depth: 60.11 feet below TOC
Water Column: 7.92 feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: Bailer Well Diameter: _____
Purge Volume Calculation (L): 7.92 ft. x 0.022 = 0.17 L x 3 Vol. = 0.51 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): L
Physical appearance of purge water: Cloudy Odor: Strong 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
11:08	0.5		11.33	48,677.50	20.14	3.25	149.20	539.18	

Sampling Activities

Sampled By: JC Sample Date/Time: 10/13/2025 11:08
Sample Method: Direct Sample Sample Equipment: Bailer
Sample Parameters: 11.33 pH 48,677.50 Spec. Cond. 20.14 Temp _____
Field Filtered: No Filter Type: Lab-Filtered
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210764

Form Completed By: _____

Justin Colp

Date: 10/13/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: L201
Sample ID: 054
Date (s): 10/8/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 58 °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: 10/13/25 9:24 AM

Static Water Level: 35.33 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): N/A **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:26	0.5	N/A	11.33	15,810.40	20.26	3.16	216.50	72.94	
9:29	1.5		11.85	16,298.10	20.03	2.57	190.40	9.80	

Sampling Activities

Sampled By: JC Sample Date/Time: 10/8/2025 9:29
Sample Method: Direct Sample Sample Equipment: Direct Grab
Sample Parameters: 11.85 pH 16,298.10 Spec. Cond. 20.03 Temp
Field Filtered: No Filter Type: Lab-Filtered
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210764
- Collected directly from leachate line

Form Completed By: Justin Colp

Date: 10/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: L202
Sample ID: 055
Date (s): 10/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 72 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/6/25 1:35 PM

Static Water Level: 49.86 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: Justin Colp

Date: 10/6/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: L203
Sample ID: 056
Date (s): 10/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 73 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad _____
Casing _____
Protective Casing _____
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/6/25 1:26 PM

Static Water Level: 31.68 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: Justin Colp

Date: 10/6/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: L204
Sample ID: 057
Date (s): 10/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 73 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad _____
Casing _____
Protective Casing _____
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/6/25 1:00 PM

Static Water Level: 52.74 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: Justin Colp

Date: 10/6/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: L205
Sample ID: 058
Date (s): 10/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 73 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification Yes

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/6/25 1:17 PM

Static Water Level: 32.71 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: Justin Colp

Date: 10/6/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: R217D
Sample ID: 059
Date (s): 10/8/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 63 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 10/8/25 10:12 AM Static Water Level: 20.79 feet below TOC
Total Depth: 67.60 feet below TOC
Water Column: 46.81 feet

Purging Activities

Purged By: DC Purge Date: 10/8/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 46.81 ft. x 0.022 = 1.03 L x 3 Vol. = 3.09 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
10:12	0.0	250	purge start time						
10:24	3.0	↓	7.02	3,778.00	17.20	3.65	19.50	18.45	
10:24	3.0		7.02	3,778.40	17.21	3.51	10.90	19.36	
10:27	3.8		7.02	3,780.40	17.30	2.27	-21.60	17.12	
10:30	4.5		7.02	3,782.90	17.32	1.71	-29.60	12.18	
10:33	5.3		7.02	3,781.30	17.44	1.52	-32.60	7.97	
10:36	6.0		7.02	3,784.40	17.49	1.44	-34.30	5.76	

Sampling Activities

Sampled By: BG Sample Date/Time: 10/8/2025 10:36
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 7.02 pH 3,784.40 Spec. Cond. 17.49 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 21.27 feet below TOC Drawdown: 0.48 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44622

Form Completed By: Brett Gillihan

Date: 10/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: R219
Sample ID: 060
Date (s): 10/9/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Brett Gillihan Affiliation: TekLab, Inc.

Weather Conditions

Temp: 53 °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: 10/9/25 9:01 AM Static Water Level: 21.06 feet below TOC
Total Depth: 64.23 feet below TOC
Water Column: 43.17 feet

Purging Activities

Purged By: JC Purge Date: 10/9/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 43.169 ft. x 0.022 = 0.95 L x 3 Vol. = 2.85 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 3.50 L
Physical appearance of purge water: Clear Odor: None Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:05	0.0	206	purge start time						
9:10	1.0	↓	6.92	1,826.90	15.28	2.06	180.70	7.74	
9:13	1.6		6.93	1,801.10	15.22	1.59	194.40	9.39	
9:16	2.3		6.93	1,790.60	15.18	1.38	199.80	8.59	
9:19	2.9		6.95	1,788.50	15.17	1.26	202.50	8.57	
9:22	3.5		6.98	1,787.60	15.11	1.17	203.80	8.08	

Sampling Activities

Sampled By: JC Sample Date/Time: 10/9/2025 9:22
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.98 pH 1,787.60 Spec. Cond. 15.11 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 23.11 feet below TOC Drawdown: 2.05 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210764

Form Completed By: Justin Colp

Date: 10/9/2025



ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Monitoring Point:	S101
Sample ID:	061
Date (s):	10/8/2025

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Temp: 62 °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			

Water Level Measurements Static Water Level: _____ feet below TOC
 Date/Time Measured: _____ Total Depth: - feet below TOC
 Water Column: _____ feet

Purged By: _____		Purge Date: <u>10/8/2025</u>	
Purge Method: <u>Direct Grab</u>		Well Diameter: _____	
Purge Volume Calculation (L): _____			
Actual Purge Volume (L): _____			
Physical appearance of purge water: <u>Clear</u>		Odor: <u>Slight</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
13:28	0.5	N/A	8.66	748.90	29.76	8.98	17.50	9.90	

Sampled By:	PY	Sample Date/Time:	10/8/2025	13:28
Sample Method:	Direct Sample	Sample Equipment:	Direct Grab	
Sample Parameters:	8.66	pH	748.90	Spec. Cond.
			29.76	Temp
Field Filtered:	Yes	Filter Type:	Inline Disposable	
Water Level:	feet below TOC		Drawdown:	feet

- Field Meter: 51296

Date: 10/8/2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Monitoring Point:	S102
Sample ID:	062
Date (s):	10/9/2025

Name: Allison Lampe Affiliation: TekLab, Inc.
 Name: Payton Yoch Affiliation: TekLab, Inc.

Temp: 62 °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				
Protective Casing				
Reference Mark/Identification	Yes			

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: Direct Grab Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (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
10:29	0.5	N/A	8.24	730.60	28.28	7.63	82.10	8.63	

Sampled By:	PY	Sample Date/Time:	10/9/2025	10:29
Sample Method:	Low Flow	Sample Equipment:	Direct Grab	
Sample Parameters:	8.24	pH	730.60	Spec. Cond.
			28.28	Temp
Field Filtered:	Yes	Filter Type:	Inline Disposable	
Water Level:	feet below TOC		Drawdown:	feet

- Field Meter: 51296

Form Completed By: Allison Boyce Date: 10/9/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: SG02
Sample ID: 063
Date (s): 10/6/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 71 °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		
Well		

Groundwater Level Measurements

Date/Time Measured: 10/6/25 11:11 AM

Static Water Level: 4.61 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: Justin Colp

Date: 10/6/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: T101
Sample ID: 064
Date (s): 10/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 76 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<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: 10/7/25 12:39 PM Static Water Level: 14.37 feet below TOC
Total Depth: 21.83 feet below TOC
Water Column: 7.46 feet

Purging Activities

Purged By: JC Purge Date: 10/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 7.46 ft. x 0.022 = 0.16 L x 3 Vol. = 0.48 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
12:41	0.0	182	purge start time						
12:48	1.3	↓	6.52	585.40	18.60	3.76	173.70	21.82	
12:51	1.8		6.49	585.10	18.83	3.68	178.10	15.98	
12:54	2.4		6.47	585.50	18.92	3.53	182.10	18.66	
12:57	2.9		6.47	589.20	19.09	3.30	185.70	13.88	
13:00	3.5		6.49	603.10	19.25	3.22	188.50	15.68	
13:03	4.0		6.49	611.30	19.61	3.22	191.00	26.37	

Sampling Activities

Sampled By: JC Sample Date/Time: 10/7/2025 13:03
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.49 pH 611.30 Spec. Cond. 19.61 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 16.05 feet below TOC Drawdown: 1.68 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210764

Form Completed By: Justin Colp

Date: 10/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: T102
Sample ID: 065
Date (s): 10/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 76 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<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: 10/7/25 1:21 PM Static Water Level: 14.45 feet below TOC
Total Depth: 21.49 feet below TOC
Water Column: 7.04 feet

Purging Activities

Purged By: JC Purge Date: 10/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 7.04 ft. x 0.022 = 0.15 L x 3 Vol. = 0.45 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 8.00 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
13:22	0.0	286	purge start time						
13:29	2.0	↓	6.57	1,526.10	19.13	2.66	224.60	95.68	
13:32	2.9		6.59	1,478.80	19.64	2.34	222.10	64.02	
13:35	3.7		6.60	1,427.80	19.81	2.07	220.00	40.83	
13:38	4.6		6.63	1,260.00	20.19	1.96	216.30	20.65	
13:41	5.4		6.64	999.90	20.09	1.89	212.70	11.31	
13:44	6.3		6.61	829.50	20.24	1.82	210.70	9.52	
13:47	7.1		6.58	764.00	20.23	1.79	210.00	7.90	
13:50	8.0		6.56	741.70	19.73	1.71	208.50	6.43	

Sampling Activities

Sampled By: JC Sample Date/Time: 10/7/2025 13:50
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.56 pH 741.70 Spec. Cond. 19.73 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 16.16 feet below TOC Drawdown: 1.71 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210764

Form Completed By: Justin Colp

Date: 10/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: XSG01
Sample ID: 066
Date (s): 10/6/2025

Field Team Members

Name: Payton Yoch Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 70 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
Casing
Protective Casing
Reference Mark/Identification

Locks	Yes	No
Protective Casing		X
Well		X

Groundwater Level Measurements

Date/Time Measured: 10/6/25 11:21 AM

Static Water Level: 13.17 feet below TOC
Total Depth: - feet below TOC
Water Column: #VALUE! feet

Purging Activities

Purged By: Purge Date:
Purge Method: Well Diameter:
Purge Volume Calculation (L):
Actual Purge Volume (L):
Physical appearance of purge water: Odor: Color:

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (μS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other

Sampling Activities

Sampled By: Sample Date/Time:
Sample Method: Sample Equipment:
Sample Parameters: pH Spec. Cond. Temp
Field Filtered: Filter Type:
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- DTW Only

Form Completed By: Payton Yoch

Date: 10/6/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: Field Blank
Sample ID: 067
Date (s): 10/13/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 69 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad _____
Casing _____
Protective Casing _____
Reference Mark/Identification _____

Locks	Yes	No
Protective Casing		
Well		

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: 10/13/2025 11:35
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)

- Field Meter: 210764
- QA/QC Sample

Form Completed By: Justin Colp

Date: 10/13/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: APW02 Duplicate
Sample ID: 068
Date (s): 10/7/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 72 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☒ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☒ Cloudy

Well Observations

Well Pad	Good	Locks	Yes	No
Casing	<u>Good</u>	Protective Casing	<u>X</u>	
Protective Casing	<u>Good</u>	Well		<u>X</u>
Reference Mark/Identification	<u>Yes</u>			

Groundwater Level Measurements

Date/Time Measured: 10/7/25 9:56 AM Static Water Level: 8.86 feet below TOC
Total Depth: 23.49 feet below TOC
Water Column: 14.63 feet

Purging Activities

Purged By: JC Purge Date: 10/7/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 14.632 ft. x 0.022 = 0.32 L x 3 Vol. = 0.96 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: Clear Odor: Slight Color: none

Purge Time	Cumulative Purge Vol.(L)	Purge Rate (mL/m)	pH (S.U.)	Specific Conductivity (µS/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	ORP (mV)	Turbidity (NTU)	Other
9:58	0.0	238	purge start time						
10:04	1.4	↓	6.17	5,669.50	18.62	2.56	140.30	2.96	
10:07	2.1		6.20	5,674.90	18.75	2.17	139.90	2.99	
10:10	2.9		6.21	5,669.50	18.85	1.82	140.80	2.35	
10:13	3.6		6.22	5,649.80	18.83	1.49	142.90	1.94	
10:16	4.3		6.23	5,618.60	18.91	1.31	145.00	1.88	
10:19	5.0		6.25	5,597.90	19.14	1.23	143.70	3.39	

Sampling Activities

Sampled By: JC Sample Date/Time: 10/7/2025 10:19
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.25 pH 5,597.90 Spec. Cond. 19.14 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 11.38 feet below TOC Drawdown: 2.52 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210764
- QA/QC Sample

Form Completed By: Justin Colp

Date: 10/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: APW11 Duplicate
Sample ID: 069
Date (s): 10/7/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 71 °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: 10/7/25 9:27 AM Static Water Level: 25.57 feet below TOC
Total Depth: 67.83 feet below TOC
Water Column: 42.26 feet

Purging Activities

Purged By: BG Purge Date: 10/7/2025
Purge Method: Bladder Pump Well Diameter: 2"
Purge Volume Calculation (L): 42.264 ft. x 0.022 = 0.93 L x 3 Vol. = 2.79 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 7.00 L
Physical appearance of purge water: Slightly cloudy Odor: None Color: Lt Rust

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
9:27	0.0	219	purge start time						
9:44	3.7	↓	6.86	1,254.00	16.40	1.17	-22.80	94.81	
9:47	4.4		6.87	1,251.20	16.37	1.10	-32.70	59.62	
9:50	5.0		6.88	1,249.40	16.37	1.07	-37.60	66.58	
9:53	5.7		6.89	1,247.80	16.35	1.02	-43.70	62.79	
9:56	6.3		6.91	1,249.50	16.20	0.97	-48.60	75.83	
9:59	7.0		6.91	1,248.60	16.22	0.96	-51.80	40.07	

Sampling Activities

Sampled By: BG Sample Date/Time: 10/7/2025 9:59
Sample Method: Low Flow Sample Equipment: Bladder Pump
Sample Parameters: 6.91 pH 1,248.60 Spec. Cond. 16.22 Temp
Field Filtered: No Filter Type:
Water Level: 25.66 feet below TOC Drawdown: 0.09 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44622
- QA/QC Sample

Form Completed By: Brett Gillihan

Date: 10/7/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G105 Duplicate
Sample ID: 070
Date (s): 10/8/2025

Field Team Members

Name: Allison Lampe Affiliation: TekLab, Inc.
Name: Payton Yoch Affiliation: TekLab, Inc.

Weather Conditions

Temp: 60 °F Wind Direction: ☐ N ☒ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☒ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	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: 10/8/25 10:47 AM Static Water Level: 12.33 feet below TOC
Total Depth: 25.45 feet below TOC
Water Column: 13.12 feet

Purging Activities

Purged By: PY Purge Date: 10/8/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 13.116 ft. x 0.022 = 0.29 L x 3 Vol. = 0.87 L **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (L): 5.00 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
10:47	0.0	278	purge start time						
10:56	2.5	↓	6.54	2,388.10	17.72	0.93	-127.30	21.19	
10:59	3.3		6.54	2,387.40	17.76	0.84	-122.50	16.25	
11:02	4.2		6.55	2,386.50	17.77	0.79	-119.70	13.38	
11:05	5.0		6.55	2,377.80	17.89	0.76	-115.40	14.58	

Sampling Activities

Sampled By: AL Sample Date/Time: 10/8/2025 11:05
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 6.55 pH 2,377.80 Spec. Cond. 17.89 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 13.71 feet below TOC Drawdown: 1.38 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 51296
- QA/QC Sample

Form Completed By:

Allison Lampe

Date: 10/8/2025



Field Data Sheet

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G128 Duplicate
Sample ID: 071
Date (s): 10/8/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 71 °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: 10/8/25 1:01 PM Static Water Level: 4.87 feet below TOC
Total Depth: 29.93 feet below TOC
Water Column: 25.06 feet

Purging Activities

Purged By: DC Purge Date: 10/8/2025
Purge Method: Peristaltic Pump Well Diameter: 2"
Purge Volume Calculation (L): 25.064 ft. x 0.022 = 0.55 L x 3 Vol. = 1.65 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 5.00 L
Physical appearance of purge water: 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
13:01	0.0	161	purge start time						
13:20	3.1	↓	7.02	15,495.50	21.68	1.44	-33.50	64.19	
13:23	3.5		7.02	15,575.30	22.23	1.58	-31.50	78.70	
13:26	4.0		7.02	15,604.90	22.41	1.58	-30.70	85.90	
13:29	4.5		7.02	15,609.20	22.30	1.58	-29.70	95.98	
13:32	5.0		7.02	15,604.30	22.23	1.64	-28.70	107.90	

Sampling Activities

Sampled By: BG Sample Date/Time: 10/8/2025 13:32
Sample Method: Low Flow Sample Equipment: Peristaltic Pump
Sample Parameters: 7.02 pH 15,604.30 Spec. Cond. 22.23 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 5.32 feet below TOC Drawdown: 0.45 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44622
- QA/QC Sample

Form Completed By:

Brett Gillihan

Date: 10/8/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: G231 Duplicate
Sample ID: 072
Date (s): 10/13/2025

Field Team Members

Name: Brett Gillihan Affiliation: TekLab, Inc.
Name: Danny Crump Affiliation: TekLab, Inc.

Weather Conditions

Temp: 64 °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: 10/13/25 10:05 AM Static Water Level: 48.03 feet below TOC
Total Depth: 79.35 feet below TOC
Water Column: 31.32 feet

Purging Activities

Purged By: DC Purge Date: 10/13/2025
Purge Method: Submersible Pump Well Diameter: 2"
Purge Volume Calculation (L): 31.322 ft. x 0.022 = 0.69 L x 3 Vol. = 2.07 L *Based on Low-Flow (3/8" discharge)
Actual Purge Volume (L): 8.00 L
Physical appearance of purge water: Cloudy Odor: None Color: Milky

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
10:05	0.0	205	purge start time						
10:32	5.5	↓	7.20	1,226.40	16.76	0.81	-124.00	279.59	
10:35	6.2		7.20	1,218.00	17.22	0.90	-126.90	248.56	
10:38	6.8		7.20	1,208.40	17.50	0.94	-129.10	207.65	
10:41	7.4		7.20	1,199.30	18.00	0.99	-130.20	176.42	
10:44	8.0		7.21	1,200.00	17.74	1.02	-130.60	173.13	

Sampling Activities

Sampled By: BG Sample Date/Time: 10/13/2025 10:44
Sample Method: Low Flow Sample Equipment: Submersible Pump
Sample Parameters: 7.21 pH 1,200.00 Spec. Cond. 17.74 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: 48.00 feet below TOC Drawdown: -0.03 feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 44622
- QA/QC Sample

Form Completed By:

Brett Gillihan

Date: 10/13/2025



ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Monitoring Point:	Equipment Blank 1
Sample ID:	073
Date (s):	10/13/2025

Name:	<u>Brett Gillihan</u>	Affiliation:	<u>TekLab, Inc.</u>
Name:	<u>Danny Crump</u>	Affiliation:	<u>TekLab, Inc.</u>

Temp: 74 °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:	10/13/2025	12:25
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	

- Collected from non-dedicated submersible pump
- QA/QC Sample

Date: 10/13/2025

Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: Equipment Blank 2
Sample ID: 074
Date (s): _____

Field Team Members

Name: _____ Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: _____ °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad _____
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: _____ 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)

- No additional non-dedicated equipment used; no sample

Form Completed By: _____

Date: _____



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: Equipment Blank 3
Sample ID: 075
Date (s):

Field Team Members

Name: Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☐ None ☐ Light ☐ Heavy Sky: ☐ Clear ☐ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad
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: 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)

- No additional non-dedicated equipment used; no sample

Form Completed By: Date:



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: L301
Sample ID: 076
Date (s): 10/13/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: Affiliation:

Weather Conditions

Temp: 67 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	Locks	Yes	No
Casing	Protective Casing		X
Protective Casing	Well		X
Reference Mark/Identification		Yes	

Groundwater Level Measurements

Date/Time Measured: Static Water Level: feet below TOC
Total Depth: feet below TOC
Water Column: feet

Purging Activities

Purged By: Purge Date:
Purge Method: Bladder Pump Well Diameter:
Purge Volume Calculation (L): **Based on Low-Flow (3/8" discharge)*
Actual Purge Volume (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
10:48	0.5	N/A	9.05	5,190.00	24.11	9.05	266.20	0.42	

Sampling Activities

Sampled By: JC Sample Date/Time: 10/13/2025 10:48
Sample Method: Direct Sample Sample Equipment: Bladder Pump
Sample Parameters: 9.05 pH 5,190.00 Spec. Cond. 24.11 Temp
Field Filtered: Yes Filter Type: Inline Disposable
Water Level: feet below TOC Drawdown: feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210764
-

Form Completed By: Justin Colp

Date: 10/13/2025



Field Data Sheet

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 2025
NEWTON POWER PLANT, PRIMARY ASH POND
NEW-845-501

Project Name: NEW-25Q4
Project Location: Newton, IL
W.O. Number (s): 25092190

Monitoring Point: LREP
Sample ID: 077
Date (s): 10/13/2025

Field Team Members

Name: Justin Colp Affiliation: TekLab, Inc.
Name: _____ Affiliation: _____

Weather Conditions

Temp: 68 °F Wind Direction: ☐ N ☐ S ☐ E ☐ SE ☐ SW ☐ NE ☐ NW
Precipitation: ☒ None ☐ Light ☐ Heavy Sky: ☐ Clear ☒ Partly Cloudy ☐ Cloudy

Well Observations

Well Pad	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: #VALUE! feet

Purging Activities

Purged By: _____ Purge Date: _____
Purge Method: Direct Grab Well Diameter: _____
Purge Volume Calculation (L): _____
Actual Purge Volume (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
11:21	0.5	N/A	11.62	15,945.00	27.54	3.16	60.70	4.99	

Sampling Activities

Sampled By: JC Sample Date/Time: 10/13/2025 11:21
Sample Method: Direct Sample Sample Equipment: Direct Grab
Sample Parameters: 11.62 pH 15,945.00 Spec. Cond. 27.54 Temp _____
Field Filtered: No Filter Type: Lab-Filtered
Water Level: _____ feet below TOC Drawdown: _____ feet

Observations/Comments: (i.e., equipment malfunctions, contamination sources, sampling difficulties; duplicate sample)

- Field Meter: 210764
- Collected from hose from leachate tank

Form Completed By: _____

Date: 10/13/2025



Site Sampling Event: NEW-25Q4
LIMS Workorder: 25092190
Technician(s): DC, JC, BG, AL, PY

Field Calibration Log(s)
Newton- 4Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 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 210764 Technician(s): justin colp Date: 10/7/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250814a	4.00	10/7/25 8:43
7.0 Buffer	wc250407a	7.00	10/7/25 8:40
10.0 Buffer	wc240625a	10.00	10/7/25 8:46
LCS/CCV (7.0 Buffer)	wc240918a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	107107	1412	10/7/25 8:51

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.9	10/7/25 8:52
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	10/7/25 9:02	21.1	6.97	1,414	0.88		
CCV-1-JC	CCV	10/7/25 14:19	21.6	6.94	1,377	0.84		

Comments:

Field Meter ID: Pine 210764 Technician(s): justin colp Date: 10/8/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250814a	4.00	10/8/25 8:40
7.0 Buffer	wc250407a	7.00	10/8/25 8:37
10.0 Buffer	wc240625a	10.00	10/8/25 8:43
LCS/CCV (7.0 Buffer)	wc240918a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	107107	1412	10/8/25 8:48

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.65	10/8/25 8:48
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-2-JC	LCS	10/8/25 8:51	20.6	6.96	1,409	0.62		
CCV-2-JC	CCV	10/8/25 13:32	21.7	7.01	1,365	0.28		

Comments:

Site Sampling Event: NEW-25Q4
LIMS Workorder: 25092190
Technician(s): DC, JC, BG, AL, PY

Field Calibration Log(s)
Newton- 4Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 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 210764 Technician(s): justin colp Date: 10/9/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250814a	4.00	10/9/25 8:41
7.0 Buffer	wc250407a	7.00	10/9/25 8:38
10.0 Buffer	wc240625a	10.00	10/9/25 8:44
LCS/CCV (7.0 Buffer)	wc240918a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	107107	1412	10/9/25 8:49

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.26	10/9/25 8:50
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3-JC	LCS	10/9/25 8:52	20.4	6.95	1,410	0.24		
CCV-3-JC	ccv	10/9/25 10:53	20.6	6.97	1,448	0.31		

Comments: _____

Field Meter ID: Pine 210764 Technician(s): justin colp Date: 10/13/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	wc250814a	4.00	10/13/25 9:35
7.0 Buffer	wc250407a	7.00	10/13/25 9:32
10.0 Buffer	wc240625a	10.00	10/13/25 9:38
LCS/CCV (7.0 Buffer)	wc240918a		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	107107	1412	10/13/25 9:43

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.68	10/13/25 9:44
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-JC	LCS	10/13/25 9:46	20.2	6.98	1,414	0.64		
CCV-4-JC	ccv	10/13/25 12:03	20.9	7.03	1,381	0.66		

Comments: _____

Site Sampling Event: NEW-25Q4
LIMS Workorder: 25092190
Technician(s): DC, JC, BG, AL, PY

Field Calibration Log(s)
Newton- 4Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 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 51296 Technician(s): A.Lampe Date: 10/6/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250814A	4.00	10/6/25 13:23
7.0 Buffer	WC250407A	7.00	10/6/25 13:26
10.0 Buffer	WC240625A	10.00	10/6/25 13:30
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	10/6/25 13:33

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.4	10/6/25 13:37
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	10/6/25 13:38	21.1	7.02	1,428	0.4		
CCV-1-AL	CCV	10/6/25 14:12	22.1	7.03	1,434	0.3		

Comments:

Field Meter ID: Pine 51296 Technician(s): A.Lampe Date: 10/7/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250814A	4.00	10/7/25 8:48
7.0 Buffer	WC250407A	7.00	10/7/25 8:51
10.0 Buffer	WC240625A	10.00	10/7/25 8:55
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	10/7/25 8:58

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.07	10/7/25 9:01
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-2-AL	LCS	10/7/25 9:02	20.8	7.01	1,423	0.07		
CCV-2-AL	CCV	10/7/25 13:50	21	7.09	1,467	0.12		

Comments:

Site Sampling Event: NEW-25Q4
LIMS Workorder: 25092190
Technician(s): DC, JC, BG, AL, PY

Field Calibration Log(s)
Newton- 4Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 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 51296 Technician(s): A.Lampe Date: 10/8/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250814A	4.00	10/8/25 8:47
7.0 Buffer	WC250407A	7.00	10/8/25 8:50
10.0 Buffer	WC240625A	10.00	10/8/25 8:53
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	10/8/25 8:57

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.23	10/8/25 9:01
124 NTU	95834		

ORP Standard	LIMS ID/Lot#	Reading	Date/Time

D.O. Saturation	LIMS ID/Lot#	Reading	Date/Time
100%	N/A		

Sample ID	Sample Type	Date/Time	Temp. °C	pH S.U.	Conductivity µS	Turbidity NTU	ORP mV	D.O. %
LCS-3-AL	LCS	10/8/25 9:01	20.4	7.04	1,413	0.23		
CCV-3-AL	CCV	10/8/25 14:13	20.7	7.09	1,483	0.31		

Comments:

Field Meter ID: Pine 51296 Technician(s): A.Lampe Date: 10/9/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250814A	4.00	10/9/25 8:43
7.0 Buffer	WC250407A	7.00	10/9/25 8:46
10.0 Buffer	WC240625A	10.00	10/9/25 8:49
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	105373	1412	10/9/25 8:52

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.13	10/9/25 8:54
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	10/9/25 8:54	20.1	7.08	1,408	0.13		
CCV-4-AL	CCV	10/9/25 11:03	20.1	7.09	1,480	0.24		

Comments:

Site Sampling Event: NEW-25Q4
 LIMS Workorder: 25092190
 Technician(s): DC, JC, BG, AL, PY

Field Calibration Log(s)
 Newton- 4Q 2025

ATTACHMENT B.
 845 QUARTERLY REPORT - QUARTER 4, 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 51296 Technician(s): A.Lampe Date: 10/13/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250814A	4.00	10/13/25 9:40
7.0 Buffer	WC250407A	7.00	10/13/25 9:44
10.0 Buffer	WC240625A	10.00	10/13/25 9:48
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Date/Time
1,412 µS Std.	107107	1412 10/13/25 9:51

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.13	10/13/25 9:52
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	10/13/25 9:53	18.2	7.09	1,423	0.13		
CCV-5-AL	CCV	10/13/25 12:43	19.2	7.09	1,492	0.32		

Comments: _____

Site Sampling Event: NEW-25Q4
LIMS Workorder: 25092190
Technician(s): DC, JC, BG, AL, PY

Field Calibration Log(s)
Newton- 4Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 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 44622 Technician(s): Brett Gillihan Date: 10/7/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250814A	4.03	10/7/25 8:48
7.0 Buffer	WC250407A	7.00	10/7/25 8:43
10.0 Buffer	WC240625A	10.01	10/7/25 8:51
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	107107	1412	10/7/25 8:55

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.8	10/7/25 8:55
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	10/7/25 9:00	21.3	7.01	1,419	0.58		
CCV-1-BG	CCV	10/7/25 14:04	23.3	7.04	1,423	0.88		

Comments:

Field Meter ID: Pine 44622 Technician(s): Brett Gillihan Date: 10/8/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250814A	4.00	10/8/25 8:46
7.0 Buffer	WC250407A	7.00	10/8/25 8:42
10.0 Buffer	WC240625A	10.00	10/8/25 8:52
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 µS Std.	107107	1415	10/8/25 9:00

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.13	10/8/25 9:04
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	10/8/25 9:06	21.4	7.04	1,419			
CCV-2-BG	CCV	10/8/25 13:59	21.2	7.03	1,420			

Comments:

Site Sampling Event: NEW-25Q4
LIMS Workorder: 25092190
Technician(s): DC, JC, BG, AL, PY

Field Calibration Log(s)
Newton- 4Q 2025

ATTACHMENT B.
845 QUARTERLY REPORT - QUARTER 4, 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 44622 Technician(s): Brett Gillihan Date: 10/13/2025

pH Standards	LIMS ID	Calibration reading	Date/Time
4.0 Buffer	WC250814A	4.00	10/13/25 9:34
7.0 Buffer	WC250407A	7.01	10/13/25 9:38
10.0 Buffer	WC240625A	10.00	10/13/25 9:40
LCS/CCV (7.0 Buffer)	WC240918A		

Conductivity Standard	LIMS ID	Reading	Date/Time
1,412 μ S Std.	107107	1418	10/13/25 9:48

Turbidity Standard	LIMS ID	Reading	Date/Time
0 NTU (DI Water)	1	0.12	10/13/25 9:51
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. $^{\circ}$ C	pH S.U.	Conductivity μ S	Turbidity NTU	ORP mV	D.O. %
LCS-3-BG	LCS	10/13/25 9:52	19.2	7.01	1,422	0.22		
CCV-3-BG	CCV	10/13/25 12:38	21.8	7.02	1,429	0.38		

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 44622
Description YSI Pro DSS - 10 m cable
Calibrated 9/30/2025 11:38:49AM

Manufacturer	YSI	State Certified
Model Number	Pro DSS	Status Pass
Serial Number/ Lot Number	18L100384	Temp °C 22.2
Location	St. Louis	Humidity % 43
Department	ENV	

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>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.03	7.02	0.29%	Pass
4.00 / 4.00	PH	4.00	PH	3.92	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.17	10.04	0.40%	Pass
Group # 2				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>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	1.495	1.413	0.00%	Pass
Group # 3				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>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	NTU	0.00	NTU	0.00	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	120.71	124.00	0.00%	Pass
Group # 4				Range Acc % 0.0000			
Group Name Redox (ORP)				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.0			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
240.0 / 240.0	mv	240.0	mv	285.4	240.0	0.00%	Pass
Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.0			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd 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 44622
Description YSI Pro DSS - 10 m cable
Calibrated 9/30/2025 11:38:49AM

Group # 5				Range Acc % 0.0000			
Group Name Dissolved Oxygen Span				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.0			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
100.0 / 100.0	%	100.0	%	99.9	98.7	-1.30%	Pass

<u>Test Instruments Used During the Calibration</u>					<u>(As Of Cal Entry Date)</u>	
<u>Test Standard ID</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Serial Number / Lot Number</u>	<u>Last Cal Date / Opened Date</u>	<u>Next Cal Date / Expiration Date</u>
STL 126 NTU L#25F24022377	STL 126 NTU L#25F24022377	YSI	126 NTU	25F24022377	8/4/2025	6/30/2026
STL 1413 COND L#5GC0680	STL 1413 COND L#5GC0680	AquaPhoenix Scientific	31986	5GC0680		3/25/2026
STL AUTOCAL LOT# 24021650	Auto Cal Solution 0 NTU/PH 4	GFS	8483	24021650		6/25/2026
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 Austin Carter

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

Notify Pine Environmental Services LLC of any defect within 24 hours of receipt of equipment
Please call 800-301-9663 for Technical Assistance



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

Pine Environmental Services, Inc.

Instrument ID 51296
Description YSI Pro DSS Sonde - 4M
Calibrated 9/29/2025 3:42:01PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot 21D103489
Number
Location Illinois
Department ENV

State Certified
Status Pass
Temp °C 23.8
Humidity % 49

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>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
7.00 / 7.00	PH	7.00	PH	7.36	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	4.57	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	9.88	10.00	0.00%	Pass

Group # 2				Range Acc % 0.0000			
Group Name Turbidity				Reading Acc % 3.0000			
Stated Accy Pct of Reading				Plus/Minus 0.00			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	NTU	0.00	NTU	7.19	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	115,396.00	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>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	2.133	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>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
240.00 / 240.00	mv	240.00	mv	277.00	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>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
100.00 / 100.00	%	100.00	%	94.70	100.00	0.00%	Pass



INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

Pine Environmental Services, Inc.

Instrument ID 49548
Description Pro DSS Display
Calibrated 9/29/2025 3:43:30PM

Manufacturer	YSI	State Certified	
Model Number	Pro DSS	Status	Pass
Serial Number/ Lot Number	20K104107	Temp °C	23.4
Location	Illinois	Humidity %	51
Department	ENV		

Calibration Specifications

Group # 1
Group Name Function Test
Test Performed: Yes As Found Result: Pass As Left Result: Pass

Test Instruments Used During the Calibration

(As Of Cal Entry Date)

<u>Test Standard ID</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Serial Number / Lot Number</u>	<u>Last Cal Date / Opened Date</u>	<u>Next Cal Date / Expiration Date</u>
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Notes about this calibration

Calibration Result Calibration Successful
Who Calibrated Timothy Waychunas

All instruments are calibrated by Pine Environmental Services LLC according to the manufacturer's specifications, but it is the customer's responsibility to calibrate and maintain this unit in accordance with the manufacturer's specifications and/or the customer's own specific needs.

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

7136 Zionsville Road
Indianapolis, IN 46268
Ph: 317-238-3441

Pine Environmental Services, Inc.

Instrument ID 210764
Description YSI Pro DSS Sonde
Calibrated 9/29/2025 2:47:14PM

Manufacturer YSI
Model Number Pro DSS
Serial Number/ Lot Number 22C103122
Location Indianapolis
Department

State Certified
Status Pass
Temp °C 40
Humidity % 26

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	7.11	7.00	0.00%	Pass
4.00 / 4.00	PH	4.00	PH	4.23	4.00	0.00%	Pass
10.00 / 10.00	PH	10.00	PH	10.41	10.00	0.00%	Pass

Group # 2
Group Name Turbidity (NTU)
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	0.00	0.00	0.00%	Pass
124.00 / 124.00	NTU	124.00	NTU	111.00	124.00	0.00%	Pass

Group # 3
Group Name Conductivity
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.000

<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>End As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
1.413 / 1.413	ms/cm	1.413	ms/cm	2.085	1.413	0.00%	Pass

Group # 4
Group Name Redox (ORP)
Stated Accy Pct of Reading

Range Acc % 0.0000
Reading Acc % 3.0000
Plus/Minus 0.00

<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	229.00	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>
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INSTRUMENT CALIBRATION REPORT

Pine Environmental Services LLC

7136 Zionsville Road
Indianapolis, IN 46268
Ph: 317-238-3441

Pine Environmental Services, Inc.

Instrument ID 210764

Description YSI Pro DSS Sonde

Calibrated 9/29/2025 2:47:14PM

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>
100.00 / 100.00	%	100.00	%	87.00	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
IN COND 1.413	Conductivity	AquaPhoenix Scientific	31986			
IN ORP 240	IN ORP 240	Pine Environmental Services, Inc.				
IN PH 04.00 0GB875	IN PH 04.00 0GB875	AquaPhoenix Scientific				11/25/2025
IN PH 07.00 0GB276	IN PH 07.00 0GB276	AquaPhoenix Scientific		0GB276		
IN PH 10.00 0GB986	IN PH 10.00 0GB986	AquaPhoenix Scientific				12/1/2025
INDY 126 NTU	Turbidity (NTU)	YSI	607300	21c21090181		

Notes about this calibration

Calibration Result Calibration Successful

Who Calibrated Terry V. Robinson

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 4, 2025**

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 4, 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	E011	Antimony, total	mg/L	02/17/21 - 10/07/25	20	95	CB around T-S line	-0.0000798	0.003
APW02	UD	E011	Arsenic, total	mg/L	02/17/21 - 10/07/25	20	75	CI around median	0.001	0.0590
APW02	UD	E011	Barium, total	mg/L	02/17/21 - 10/07/25	20	0	CI around geomean	0.00961	0.300
APW02	UD	E011	Beryllium, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW02	UD	E011	Boron, total	mg/L	02/17/21 - 10/07/25	20	0	CB around T-S line	0.0202	0.260
APW02	UD	E011	Cadmium, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW02	UD	E011	Chloride, total	mg/L	02/17/21 - 10/07/25	20	0	CI around mean	95	52.0
APW02	UD	E011	Chromium, total	mg/L	02/17/21 - 10/07/25	20	80	CB around T-S line	0.000132	0.0110
APW02	UD	E011	Cobalt, total	mg/L	02/17/21 - 10/07/25	20	80	CI around median	0.001	0.00430
APW02	UD	E011	Fluoride, total	mg/L	02/17/21 - 10/07/25	20	75	CI around median	0.23	0.633
APW02	UD	E011	Lead, total	mg/L	02/17/21 - 10/07/25	20	90	CI around median	0.001	0.00740
APW02	UD	E011	Lithium, total	mg/L	02/17/21 - 10/07/25	20	0	CI around median	0.098	0.0300
APW02	UD	E011	Mercury, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.0002	0.0002
APW02	UD	E011	Molybdenum, total	mg/L	02/17/21 - 10/07/25	19	58	CB around T-S line	0.00123	0.0180
APW02	UD	E011	pH (field)	SU	02/17/21 - 10/07/25	26	0	CI around mean	6.6/6.8	6.4/7.8
APW02	UD	E011	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 10/07/25	19	0	CI around mean	0.397	6.90
APW02	UD	E011	Selenium, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW02	UD	E011	Sulfate, total	mg/L	02/17/21 - 10/07/25	20	0	CI around median	2,900	35.8
APW02	UD	E011	Thallium, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.002	0.001
APW02	UD	E011	Total Dissolved Solids	mg/L	02/17/21 - 10/07/25	26	0	CI around median	4,800	628
APW03	UD	E011	Antimony, total	mg/L	02/18/21 - 10/07/25	20	95	CB around T-S line	-0.000176	0.003
APW03	UD	E011	Arsenic, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.0590
APW03	UD	E011	Barium, total	mg/L	02/18/21 - 10/07/25	20	0	CB around linear reg	0.0935	0.300
APW03	UD	E011	Beryllium, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW03	UD	E011	Boron, total	mg/L	02/18/21 - 10/07/25	20	0	CI around median	0.4	0.260
APW03	UD	E011	Cadmium, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW03	UD	E011	Chloride, total	mg/L	02/18/21 - 10/07/25	20	0	CI around mean	7.88	52.0

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APW03	UD	E011	Chromium, total	mg/L	02/18/21 - 10/07/25	20	80	CB around T-S line	0.000246	0.0110
APW03	UD	E011	Cobalt, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.00430
APW03	UD	E011	Fluoride, total	mg/L	02/18/21 - 10/07/25	20	70	CI around median	0.25	0.633
APW03	UD	E011	Lead, total	mg/L	02/18/21 - 10/07/25	20	95	CI around median	0.001	0.00740
APW03	UD	E011	Lithium, total	mg/L	02/18/21 - 10/07/25	20	20	CB around linear reg	0.00323	0.0300
APW03	UD	E011	Mercury, total	mg/L	02/18/21 - 10/07/25	20	95	CI around median	0.0002	0.0002
APW03	UD	E011	Molybdenum, total	mg/L	02/18/21 - 10/07/25	19	53	CI around median	0.0014	0.0180
APW03	UD	E011	pH (field)	SU	02/18/21 - 10/07/25	26	0	CI around mean	6.8/7.1	6.4/7.8
APW03	UD	E011	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 10/07/25	19	0	CI around geomean	0.246	6.90
APW03	UD	E011	Selenium, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW03	UD	E011	Sulfate, total	mg/L	02/18/21 - 10/07/25	20	0	CB around linear reg	79.9	35.8
APW03	UD	E011	Thallium, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.002	0.001
APW03	UD	E011	Total Dissolved Solids	mg/L	02/18/21 - 10/07/25	26	0	CI around mean	624	628
APW04	UD	E011	Antimony, total	mg/L	02/18/21 - 10/07/25	20	95	CB around T-S line	-0.0000975	0.003
APW04	UD	E011	Arsenic, total	mg/L	02/18/21 - 10/07/25	20	65	CI around median	0.001	0.0590
APW04	UD	E011	Barium, total	mg/L	02/18/21 - 10/07/25	20	0	CI around mean	0.0178	0.300
APW04	UD	E011	Beryllium, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW04	UD	E011	Boron, total	mg/L	02/18/21 - 10/07/25	20	15	CI around median	0.024	0.260
APW04	UD	E011	Cadmium, total	mg/L	02/18/21 - 10/07/25	20	95	CI around median	0.001	0.001
APW04	UD	E011	Chloride, total	mg/L	02/18/21 - 10/07/25	20	0	CI around mean	31.8	52.0
APW04	UD	E011	Chromium, total	mg/L	02/18/21 - 10/07/25	20	80	CB around T-S line	0.00033	0.0110
APW04	UD	E011	Cobalt, total	mg/L	02/18/21 - 10/07/25	20	95	CB around T-S line	0.00043	0.00430
APW04	UD	E011	Fluoride, total	mg/L	02/18/21 - 10/07/25	20	75	CI around median	0.25	0.633
APW04	UD	E011	Lead, total	mg/L	02/18/21 - 10/07/25	20	80	CI around median	0.001	0.00740
APW04	UD	E011	Lithium, total	mg/L	02/18/21 - 10/07/25	20	15	CI around median	0.0202	0.0300
APW04	UD	E011	Mercury, total	mg/L	02/18/21 - 10/07/25	20	95	CI around median	0.0002	0.0002
APW04	UD	E011	Molybdenum, total	mg/L	02/18/21 - 10/07/25	19	90	CB around T-S line	0.001	0.0180

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APW04	UD	E011	pH (field)	SU	02/18/21 - 10/07/25	26	0	CI around median	6.7/6.9	6.4/7.8
APW04	UD	E011	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 10/07/25	19	0	CI around mean	0.311	6.90
APW04	UD	E011	Selenium, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW04	UD	E011	Sulfate, total	mg/L	02/18/21 - 10/07/25	20	0	CI around median	815	35.8
APW04	UD	E011	Thallium, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.002	0.001
APW04	UD	E011	Total Dissolved Solids	mg/L	02/18/21 - 10/07/25	26	0	CI around median	1,710	628
APW05S	UD	E011	Antimony, total	mg/L	02/17/21 - 10/07/25	19	100	All ND - Last	0.001	0.003
APW05S	UD	E011	Arsenic, total	mg/L	02/17/21 - 10/07/25	19	58	CI around median	0.001	0.0590
APW05S	UD	E011	Barium, total	mg/L	02/17/21 - 10/07/25	19	0	CB around T-S line	0.0167	0.300
APW05S	UD	E011	Beryllium, total	mg/L	02/17/21 - 10/07/25	19	100	All ND - Last	0.001	0.001
APW05S	UD	E011	Boron, total	mg/L	02/17/21 - 10/07/25	19	0	CI around median	0.04	0.260
APW05S	UD	E011	Cadmium, total	mg/L	02/17/21 - 10/07/25	19	95	CI around median	0.001	0.001
APW05S	UD	E011	Chloride, total	mg/L	02/17/21 - 10/07/25	19	0	CB around T-S line	34.9	52.0
APW05S	UD	E011	Chromium, total	mg/L	02/17/21 - 10/07/25	19	84	CB around T-S line	0.0000254	0.0110
APW05S	UD	E011	Cobalt, total	mg/L	02/17/21 - 10/07/25	19	53	CB around T-S line	-0.000754	0.00430
APW05S	UD	E011	Fluoride, total	mg/L	02/17/21 - 10/07/25	19	26	CB around T-S line	0.376	0.633
APW05S	UD	E011	Lead, total	mg/L	02/17/21 - 10/07/25	19	95	CI around median	0.001	0.00740
APW05S	UD	E011	Lithium, total	mg/L	02/17/21 - 10/07/25	19	0	CI around median	0.037	0.0300
APW05S	UD	E011	Mercury, total	mg/L	02/17/21 - 10/07/25	19	100	All ND - Last	0.0002	0.0002
APW05S	UD	E011	Molybdenum, total	mg/L	02/17/21 - 10/07/25	18	44	CI around median	0.0014	0.0180
APW05S	UD	E011	pH (field)	SU	02/17/21 - 10/07/25	19	0	CI around mean	6.6/6.8	6.4/7.8
APW05S	UD	E011	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 10/07/25	18	0	CI around geomean	0.289	6.90
APW05S	UD	E011	Selenium, total	mg/L	02/17/21 - 10/07/25	19	100	All ND - Last	0.001	0.001
APW05S	UD	E011	Sulfate, total	mg/L	02/17/21 - 10/07/25	19	0	CI around median	1,790	35.8
APW05S	UD	E011	Thallium, total	mg/L	02/17/21 - 10/07/25	19	100	All ND - Last	0.002	0.001
APW05S	UD	E011	Total Dissolved Solids	mg/L	02/17/21 - 10/07/25	19	0	CI around mean	3,380	628
APW07	UA	E011	Antimony, total	mg/L	12/15/15 - 10/13/25	21	100	All ND - Last	0.001	0.003

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APW07	UA	E011	Arsenic, total	mg/L	12/15/15 - 10/13/25	22	0	CB around linear reg	0.0132	0.0590
APW07	UA	E011	Barium, total	mg/L	12/15/15 - 10/13/25	22	0	CB around T-S line	0.459	0.300
APW07	UA	E011	Beryllium, total	mg/L	12/15/15 - 10/13/25	21	100	All ND - Last	0.001	0.001
APW07	UA	E011	Boron, total	mg/L	12/15/15 - 10/13/25	32	0	CI around median	0.0792	0.260
APW07	UA	E011	Cadmium, total	mg/L	12/15/15 - 10/13/25	21	100	All ND - Last	0.001	0.001
APW07	UA	E011	Chloride, total	mg/L	12/15/15 - 10/13/25	35	0	CB around T-S line	55	52.0
APW07	UA	E011	Chromium, total	mg/L	12/15/15 - 10/13/25	22	46	CI around median	0.0031	0.0110
APW07	UA	E011	Cobalt, total	mg/L	12/15/15 - 10/13/25	21	71	CI around median	0.001	0.00430
APW07	UA	E011	Fluoride, total	mg/L	12/15/15 - 10/13/25	32	19	CI around mean	0.375	0.633
APW07	UA	E011	Lead, total	mg/L	12/15/15 - 10/13/25	22	59	CI around median	0.001	0.00740
APW07	UA	E011	Lithium, total	mg/L	12/15/15 - 10/13/25	22	59	CI around median	0.0042	0.0300
APW07	UA	E011	Mercury, total	mg/L	12/15/15 - 10/13/25	22	100	All ND - Last	0.0002	0.0002
APW07	UA	E011	Molybdenum, total	mg/L	12/15/15 - 10/13/25	21	0	CI around mean	0.00323	0.0180
APW07	UA	E011	pH (field)	SU	12/15/15 - 10/13/25	34	0	CI around mean	7.1/7.3	6.4/7.8
APW07	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 10/13/25	22	0	CI around mean	1.54	6.90
APW07	UA	E011	Selenium, total	mg/L	12/15/15 - 10/13/25	22	100	All ND - Last	0.001	0.001
APW07	UA	E011	Sulfate, total	mg/L	12/15/15 - 10/13/25	33	12	CB around T-S line	15.4	35.8
APW07	UA	E011	Thallium, total	mg/L	12/15/15 - 10/13/25	21	100	All ND - Last	0.002	0.001
APW07	UA	E011	Total Dissolved Solids	mg/L	12/15/15 - 10/13/25	32	0	CB around T-S line	573	628
APW08	UA	E011	Antimony, total	mg/L	12/15/15 - 10/07/25	21	100	All ND - Last	0.001	0.003
APW08	UA	E011	Arsenic, total	mg/L	12/15/15 - 10/07/25	22	0	CB around linear reg	0.0201	0.0590
APW08	UA	E011	Barium, total	mg/L	12/15/15 - 10/07/25	22	0	CB around T-S line	0.429	0.300
APW08	UA	E011	Beryllium, total	mg/L	12/15/15 - 10/07/25	21	100	All ND - Last	0.001	0.001
APW08	UA	E011	Boron, total	mg/L	12/15/15 - 10/07/25	32	0	CI around median	0.083	0.260
APW08	UA	E011	Cadmium, total	mg/L	12/15/15 - 10/07/25	21	100	All ND - Last	0.001	0.001
APW08	UA	E011	Chloride, total	mg/L	12/15/15 - 10/07/25	34	0	CI around mean	55	52.0
APW08	UA	E011	Chromium, total	mg/L	12/15/15 - 10/07/25	22	50	CI around geomean	0.0021	0.0110

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APW08	UA	E011	Cobalt, total	mg/L	12/15/15 - 10/07/25	21	67	CI around median	0.001	0.00430
APW08	UA	E011	Fluoride, total	mg/L	12/15/15 - 10/07/25	32	22	CI around mean	0.377	0.633
APW08	UA	E011	Lead, total	mg/L	12/15/15 - 10/07/25	22	64	CI around median	0.001	0.00740
APW08	UA	E011	Lithium, total	mg/L	12/15/15 - 10/07/25	22	54	CI around median	0.0034	0.0300
APW08	UA	E011	Mercury, total	mg/L	12/15/15 - 10/07/25	22	100	All ND - Last	0.0002	0.0002
APW08	UA	E011	Molybdenum, total	mg/L	12/15/15 - 10/07/25	21	0	CI around mean	0.00466	0.0180
APW08	UA	E011	pH (field)	SU	12/15/15 - 10/07/25	35	0	CI around mean	7.2/7.3	6.4/7.8
APW08	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 10/07/25	22	0	CI around geomean	0.946	6.90
APW08	UA	E011	Selenium, total	mg/L	12/15/15 - 10/07/25	22	96	CI around median	0.001	0.001
APW08	UA	E011	Sulfate, total	mg/L	12/15/15 - 10/07/25	34	0	CB around linear reg	51.5	35.8
APW08	UA	E011	Thallium, total	mg/L	12/15/15 - 10/07/25	21	100	All ND - Last	0.002	0.001
APW08	UA	E011	Total Dissolved Solids	mg/L	12/15/15 - 10/07/25	32	0	CB around linear reg	628	628
APW09	UA	E011	Antimony, total	mg/L	12/15/15 - 10/07/25	21	95	CB around T-S line	0.000485	0.003
APW09	UA	E011	Arsenic, total	mg/L	12/15/15 - 10/07/25	22	0	CB around T-S line	0.0132	0.0590
APW09	UA	E011	Barium, total	mg/L	12/15/15 - 10/07/25	22	0	CI around mean	0.351	0.300
APW09	UA	E011	Beryllium, total	mg/L	12/15/15 - 10/07/25	21	95	Most recent sample	0.001	0.001
APW09	UA	E011	Boron, total	mg/L	12/15/15 - 10/07/25	32	0	CB around T-S line	0.0941	0.260
APW09	UA	E011	Cadmium, total	mg/L	12/15/15 - 10/07/25	21	100	All ND - Last	0.001	0.001
APW09	UA	E011	Chloride, total	mg/L	12/15/15 - 10/07/25	34	0	CB around T-S line	130	52.0
APW09	UA	E011	Chromium, total	mg/L	12/15/15 - 10/07/25	22	64	CI around median	0.0015	0.0110
APW09	UA	E011	Cobalt, total	mg/L	12/15/15 - 10/07/25	21	86	CB around T-S line	0.000752	0.00430
APW09	UA	E011	Fluoride, total	mg/L	12/15/15 - 10/07/25	33	18	CI around mean	0.43	0.633
APW09	UA	E011	Lead, total	mg/L	12/15/15 - 10/07/25	22	59	CI around median	0.001	0.00740
APW09	UA	E011	Lithium, total	mg/L	12/15/15 - 10/07/25	22	54	CI around median	0.008	0.0300
APW09	UA	E011	Mercury, total	mg/L	12/15/15 - 10/07/25	22	91	CI around median	0.0002	0.0002
APW09	UA	E011	Molybdenum, total	mg/L	12/15/15 - 10/07/25	21	0	CB around linear reg	-0.00133	0.0180
APW09	UA	E011	pH (field)	SU	12/15/15 - 10/07/25	34	0	CI around median	7.4/7.5	6.4/7.8

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APW09	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 10/07/25	22	0	CI around geomean	0.988	6.90
APW09	UA	E011	Selenium, total	mg/L	12/15/15 - 10/07/25	22	96	CI around median	0.001	0.001
APW09	UA	E011	Sulfate, total	mg/L	12/15/15 - 10/07/25	34	18	CI around geomean	4.12	35.8
APW09	UA	E011	Thallium, total	mg/L	12/15/15 - 10/07/25	21	100	All ND - Last	0.002	0.001
APW09	UA	E011	Total Dissolved Solids	mg/L	12/15/15 - 10/07/25	33	0	CB around T-S line	819	628
APW10	UA	E011	Antimony, total	mg/L	12/16/15 - 10/07/25	23	96	CB around T-S line	0.000482	0.003
APW10	UA	E011	Arsenic, total	mg/L	12/16/15 - 10/07/25	24	4	CI around mean	0.0067	0.0590
APW10	UA	E011	Barium, total	mg/L	12/16/15 - 10/07/25	24	0	CI around geomean	0.0287	0.300
APW10	UA	E011	Beryllium, total	mg/L	12/16/15 - 10/07/25	23	100	All ND - Last	0.001	0.001
APW10	UA	E011	Boron, total	mg/L	12/16/15 - 10/07/25	34	3	CI around median	0.0702	0.260
APW10	UA	E011	Cadmium, total	mg/L	12/16/15 - 10/07/25	23	100	All ND - Last	0.001	0.001
APW10	UA	E011	Chloride, total	mg/L	12/16/15 - 10/07/25	35	0	CB around linear reg	41	52.0
APW10	UA	E011	Chromium, total	mg/L	12/16/15 - 10/07/25	24	75	CB around T-S line	0.00162	0.0110
APW10	UA	E011	Cobalt, total	mg/L	12/16/15 - 10/07/25	23	91	CB around T-S line	0.000748	0.00430
APW10	UA	E011	Fluoride, total	mg/L	12/16/15 - 10/07/25	34	29	CI around mean	0.264	0.633
APW10	UA	E011	Lead, total	mg/L	12/16/15 - 10/07/25	24	88	CI around median	0.001	0.00740
APW10	UA	E011	Lithium, total	mg/L	12/16/15 - 10/07/25	24	4	CI around median	0.021	0.0300
APW10	UA	E011	Mercury, total	mg/L	12/16/15 - 10/07/25	24	100	All ND - Last	0.0002	0.0002
APW10	UA	E011	Molybdenum, total	mg/L	12/16/15 - 10/07/25	23	4	CB around T-S line	0.00417	0.0180
APW10	UA	E011	pH (field)	SU	12/16/15 - 10/07/25	37	0	CI around mean	7.1/7.2	6.4/7.8
APW10	UA	E011	Radium 226 + Radium 228, total	pCi/L	12/16/15 - 10/07/25	24	0	CI around geomean	0.428	6.90
APW10	UA	E011	Selenium, total	mg/L	12/16/15 - 10/07/25	24	100	All ND - Last	0.001	0.001
APW10	UA	E011	Sulfate, total	mg/L	12/16/15 - 10/07/25	36	0	CI around median	410	35.8
APW10	UA	E011	Thallium, total	mg/L	12/16/15 - 10/07/25	23	100	All ND - Last	0.002	0.001
APW10	UA	E011	Total Dissolved Solids	mg/L	12/16/15 - 10/07/25	36	0	CB around T-S line	1,050	628
APW11	UA	E011	Antimony, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.003
APW11	UA	E011	Arsenic, total	mg/L	02/18/21 - 10/07/25	20	0	CI around geomean	0.0026	0.0590

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW11	UA	E011	Barium, total	mg/L	02/18/21 - 10/07/25	20	0	CB around T-S line	-0.0557	0.300
APW11	UA	E011	Beryllium, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW11	UA	E011	Boron, total	mg/L	02/18/21 - 10/07/25	20	0	CI around median	0.0628	0.260
APW11	UA	E011	Cadmium, total	mg/L	02/18/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW11	UA	E011	Chloride, total	mg/L	02/18/21 - 10/07/25	20	0	CB around T-S line	19	52.0
APW11	UA	E011	Chromium, total	mg/L	02/18/21 - 10/07/25	20	70	CB around T-S line	-0.000632	0.0110
APW11	UA	E011	Cobalt, total	mg/L	02/18/21 - 10/07/25	20	75	CB around T-S line	0.000359	0.00430
APW11	UA	E011	Fluoride, total	mg/L	02/18/21 - 10/07/25	20	50	CB around T-S line	0.366	0.633
APW11	UA	E011	Lead, total	mg/L	02/18/21 - 10/07/25	20	65	CI around median	0.001	0.00740
APW11	UA	E011	Lithium, total	mg/L	02/18/21 - 10/07/25	20	5	CI around mean	0.02	0.0300
APW11	UA	E011	Mercury, total	mg/L	02/18/21 - 10/07/25	20	85	CI around median	0.0002	0.0002
APW11	UA	E011	Molybdenum, total	mg/L	02/18/21 - 10/07/25	19	0	CB around T-S line	-0.00312	0.0180
APW11	UA	E011	pH (field)	SU	02/18/21 - 10/07/25	20	0	CI around mean	6.9/7.3	6.4/7.8
APW11	UA	E011	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 10/07/25	19	0	CI around geomean	0.662	6.90
APW11	UA	E011	Selenium, total	mg/L	02/18/21 - 10/07/25	20	85	CI around median	0.001	0.001
APW11	UA	E011	Sulfate, total	mg/L	02/18/21 - 10/07/25	20	0	CI around median	270	35.8
APW11	UA	E011	Thallium, total	mg/L	02/18/21 - 10/07/25	20	95	CB around T-S line	0.001	0.001
APW11	UA	E011	Total Dissolved Solids	mg/L	02/18/21 - 10/07/25	20	0	CI around mean	820	628
APW12	UD	E011	Antimony, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.001	0.003
APW12	UD	E011	Arsenic, total	mg/L	02/17/21 - 10/07/25	20	50	CB around linear reg	0.000406	0.0590
APW12	UD	E011	Barium, total	mg/L	02/17/21 - 10/07/25	20	0	CB around linear reg	0.0219	0.300
APW12	UD	E011	Beryllium, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW12	UD	E011	Boron, total	mg/L	02/17/21 - 10/07/25	20	0	CB around T-S line	0.771	0.260
APW12	UD	E011	Cadmium, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW12	UD	E011	Chloride, total	mg/L	02/17/21 - 10/07/25	20	0	CI around mean	24.2	52.0
APW12	UD	E011	Chromium, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.0015	0.0110
APW12	UD	E011	Cobalt, total	mg/L	02/17/21 - 10/07/25	20	35	CB around linear reg	-0.00159	0.00430

ATTACHMENT C.
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PRIMARY ASH POND
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW12	UD	E011	Fluoride, total	mg/L	02/17/21 - 10/07/25	20	75	CI around median	0.22	0.633
APW12	UD	E011	Lead, total	mg/L	02/17/21 - 10/07/25	20	95	CI around median	0.001	0.00740
APW12	UD	E011	Lithium, total	mg/L	02/17/21 - 10/07/25	20	0	CI around geomean	0.0281	0.0300
APW12	UD	E011	Mercury, total	mg/L	02/17/21 - 10/07/25	20	95	CI around median	0.0002	0.0002
APW12	UD	E011	Molybdenum, total	mg/L	02/17/21 - 10/07/25	19	74	CI around median	0.0012	0.0180
APW12	UD	E011	pH (field)	SU	02/17/21 - 10/07/25	20	0	CI around median	6.3/6.5	6.4/7.8
APW12	UD	E011	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 10/07/25	19	0	CI around mean	0.36	6.90
APW12	UD	E011	Selenium, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW12	UD	E011	Sulfate, total	mg/L	02/17/21 - 10/07/25	20	0	CB around T-S line	706	35.8
APW12	UD	E011	Thallium, total	mg/L	02/17/21 - 10/07/25	20	100	All ND - Last	0.002	0.001
APW12	UD	E011	Total Dissolved Solids	mg/L	02/17/21 - 10/07/25	20	0	CB around linear reg	1,840	628
APW13	UA	E011	Antimony, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.001	0.003
APW13	UA	E011	Arsenic, total	mg/L	02/22/21 - 10/07/25	20	0	CI around mean	0.00398	0.0590
APW13	UA	E011	Barium, total	mg/L	02/22/21 - 10/07/25	20	0	CI around median	0.051	0.300
APW13	UA	E011	Beryllium, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW13	UA	E011	Boron, total	mg/L	02/22/21 - 10/07/25	20	0	CI around mean	0.11	0.260
APW13	UA	E011	Cadmium, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW13	UA	E011	Chloride, total	mg/L	02/22/21 - 10/07/25	20	0	CI around geomean	49	52.0
APW13	UA	E011	Chromium, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.0015	0.0110
APW13	UA	E011	Cobalt, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.001	0.00430
APW13	UA	E011	Fluoride, total	mg/L	02/22/21 - 10/07/25	20	30	CB around linear reg	0.416	0.633
APW13	UA	E011	Lead, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.001	0.00740
APW13	UA	E011	Lithium, total	mg/L	02/22/21 - 10/07/25	20	0	CB around linear reg	0.0138	0.0300
APW13	UA	E011	Mercury, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.0002	0.0002
APW13	UA	E011	Molybdenum, total	mg/L	02/22/21 - 10/07/25	19	0	CB around linear reg	0.00318	0.0180
APW13	UA	E011	pH (field)	SU	02/22/21 - 10/07/25	20	0	CI around mean	7.0/7.2	6.4/7.8
APW13	UA	E011	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 10/07/25	19	0	CI around mean	0.43	6.90

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW13	UA	E011	Selenium, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW13	UA	E011	Sulfate, total	mg/L	02/22/21 - 10/07/25	20	0	CB around linear reg	258	35.8
APW13	UA	E011	Thallium, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.002	0.001
APW13	UA	E011	Total Dissolved Solids	mg/L	02/22/21 - 10/07/25	20	0	CB around linear reg	914	628
APW14	UA	E011	Antimony, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.001	0.003
APW14	UA	E011	Arsenic, total	mg/L	02/22/21 - 10/07/25	20	5	CI around mean	0.00558	0.0590
APW14	UA	E011	Barium, total	mg/L	02/22/21 - 10/07/25	20	5	CB around linear reg	0.0175	0.300
APW14	UA	E011	Beryllium, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW14	UA	E011	Boron, total	mg/L	02/22/21 - 10/07/25	20	5	CI around median	0.0888	0.260
APW14	UA	E011	Cadmium, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW14	UA	E011	Chloride, total	mg/L	02/22/21 - 10/07/25	20	0	CB around linear reg	31.4	52.0
APW14	UA	E011	Chromium, total	mg/L	02/22/21 - 10/07/25	20	90	CB around T-S line	-0.000221	0.0110
APW14	UA	E011	Cobalt, total	mg/L	02/22/21 - 10/07/25	20	95	CB around T-S line	0.000359	0.00430
APW14	UA	E011	Fluoride, total	mg/L	02/22/21 - 10/07/25	20	40	CI around geomean	0.29	0.633
APW14	UA	E011	Lead, total	mg/L	02/22/21 - 10/07/25	20	85	CI around median	0.001	0.00740
APW14	UA	E011	Lithium, total	mg/L	02/22/21 - 10/07/25	20	15	CB around linear reg	0.00151	0.0300
APW14	UA	E011	Mercury, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.0002	0.0002
APW14	UA	E011	Molybdenum, total	mg/L	02/22/21 - 10/07/25	19	5	CB around linear reg	0.000536	0.0180
APW14	UA	E011	pH (field)	SU	02/22/21 - 10/07/25	20	0	CB around T-S line	6.8/7.1	6.4/7.8
APW14	UA	E011	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 10/07/25	19	0	CI around mean	0.487	6.90
APW14	UA	E011	Selenium, total	mg/L	02/22/21 - 10/07/25	20	95	Most recent sample	0.001	0.001
APW14	UA	E011	Sulfate, total	mg/L	02/22/21 - 10/07/25	20	0	CB around T-S line	316	35.8
APW14	UA	E011	Thallium, total	mg/L	02/22/21 - 10/07/25	20	100	All ND - Last	0.002	0.001
APW14	UA	E011	Total Dissolved Solids	mg/L	02/22/21 - 10/07/25	20	0	CB around linear reg	982	628
APW15	UA	E011	Antimony, total	mg/L	02/23/21 - 10/07/25	20	95	CB around T-S line	-0.000138	0.003
APW15	UA	E011	Arsenic, total	mg/L	02/23/21 - 10/07/25	20	0	CB around linear reg	0.0281	0.0590
APW15	UA	E011	Barium, total	mg/L	02/23/21 - 10/07/25	20	0	CI around mean	0.568	0.300

ATTACHMENT C.
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW15	UA	E011	Beryllium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW15	UA	E011	Boron, total	mg/L	02/23/21 - 10/07/25	20	0	CI around mean	0.126	0.260
APW15	UA	E011	Cadmium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW15	UA	E011	Chloride, total	mg/L	02/23/21 - 10/07/25	20	0	CI around median	230	52.0
APW15	UA	E011	Chromium, total	mg/L	02/23/21 - 10/07/25	20	40	CI around mean	0.00267	0.0110
APW15	UA	E011	Cobalt, total	mg/L	02/23/21 - 10/07/25	20	55	CB around T-S line	0.000929	0.00430
APW15	UA	E011	Fluoride, total	mg/L	02/23/21 - 10/07/25	20	25	CI around median	0.48	0.633
APW15	UA	E011	Lead, total	mg/L	02/23/21 - 10/07/25	20	40	CI around median	0.001	0.00740
APW15	UA	E011	Lithium, total	mg/L	02/23/21 - 10/07/25	20	40	CB around linear reg	0.000319	0.0300
APW15	UA	E011	Mercury, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.0002	0.0002
APW15	UA	E011	Molybdenum, total	mg/L	02/23/21 - 10/07/25	19	0	CB around linear reg	0.000412	0.0180
APW15	UA	E011	pH (field)	SU	02/23/21 - 10/07/25	20	0	CI around mean	7.0/7.2	6.4/7.8
APW15	UA	E011	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 10/07/25	19	0	CI around mean	1.87	6.90
APW15	UA	E011	Selenium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW15	UA	E011	Sulfate, total	mg/L	02/23/21 - 10/07/25	20	80	CB around T-S line	1	35.8
APW15	UA	E011	Thallium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.002	0.001
APW15	UA	E011	Total Dissolved Solids	mg/L	02/23/21 - 10/07/25	20	0	CI around median	1,000	628
APW16	UA	E011	Antimony, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.003
APW16	UA	E011	Arsenic, total	mg/L	02/23/21 - 10/07/25	20	0	CB around linear reg	0.0242	0.0590
APW16	UA	E011	Barium, total	mg/L	02/23/21 - 10/07/25	20	0	CI around mean	0.555	0.300
APW16	UA	E011	Beryllium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW16	UA	E011	Boron, total	mg/L	02/23/21 - 10/07/25	20	0	CI around mean	0.13	0.260
APW16	UA	E011	Cadmium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW16	UA	E011	Chloride, total	mg/L	02/23/21 - 10/07/25	20	0	CI around mean	66.6	52.0
APW16	UA	E011	Chromium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.0015	0.0110
APW16	UA	E011	Cobalt, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.00430
APW16	UA	E011	Fluoride, total	mg/L	02/23/21 - 10/07/25	20	0	CI around mean	0.671	0.633

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APW16	UA	E011	Lead, total	mg/L	02/23/21 - 10/07/25	20	95	Most recent sample	0.001	0.00740
APW16	UA	E011	Lithium, total	mg/L	02/23/21 - 10/07/25	20	80	CB around T-S line	-0.00625	0.0300
APW16	UA	E011	Mercury, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.0002	0.0002
APW16	UA	E011	Molybdenum, total	mg/L	02/23/21 - 10/07/25	19	74	CI around median	0.0012	0.0180
APW16	UA	E011	pH (field)	SU	02/23/21 - 10/07/25	20	0	CI around mean	7.2/7.4	6.4/7.8
APW16	UA	E011	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 10/07/25	19	0	CI around geomean	1.63	6.90
APW16	UA	E011	Selenium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW16	UA	E011	Sulfate, total	mg/L	02/23/21 - 10/07/25	20	80	CB around T-S line	1	35.8
APW16	UA	E011	Thallium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.002	0.001
APW16	UA	E011	Total Dissolved Solids	mg/L	02/23/21 - 10/07/25	20	0	CI around median	720	628
APW17	UA	E011	Antimony, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.003
APW17	UA	E011	Arsenic, total	mg/L	02/23/21 - 10/07/25	20	0	CB around linear reg	0.021	0.0590
APW17	UA	E011	Barium, total	mg/L	02/23/21 - 10/07/25	20	0	CI around mean	0.553	0.300
APW17	UA	E011	Beryllium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW17	UA	E011	Boron, total	mg/L	02/23/21 - 10/07/25	20	0	CI around median	0.083	0.260
APW17	UA	E011	Cadmium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.001
APW17	UA	E011	Chloride, total	mg/L	02/23/21 - 10/07/25	20	0	CI around median	52	52.0
APW17	UA	E011	Chromium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.0015	0.0110
APW17	UA	E011	Cobalt, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.00430
APW17	UA	E011	Fluoride, total	mg/L	02/23/21 - 10/07/25	20	15	CI around mean	0.411	0.633
APW17	UA	E011	Lead, total	mg/L	02/23/21 - 10/07/25	20	95	CI around median	0.001	0.00740
APW17	UA	E011	Lithium, total	mg/L	02/23/21 - 10/07/25	20	90	CB around T-S line	-0.00657	0.0300
APW17	UA	E011	Mercury, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.0002	0.0002
APW17	UA	E011	Molybdenum, total	mg/L	02/23/21 - 10/07/25	19	0	CI around median	0.0049	0.0180
APW17	UA	E011	pH (field)	SU	02/23/21 - 10/07/25	20	0	CI around mean	7.2/7.5	6.4/7.8
APW17	UA	E011	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 10/07/25	19	0	CI around mean	1.33	6.90
APW17	UA	E011	Selenium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.001	0.001

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APW17	UA	E011	Sulfate, total	mg/L	02/23/21 - 10/07/25	20	5	CB around T-S line	67.2	35.8
APW17	UA	E011	Thallium, total	mg/L	02/23/21 - 10/07/25	20	100	All ND - Last	0.002	0.001
APW17	UA	E011	Total Dissolved Solids	mg/L	02/23/21 - 10/07/25	20	0	CB around linear reg	689	628
APW18	UA	E011	Antimony, total	mg/L	02/23/21 - 10/07/25	20	95	CB around T-S line	-0.00022	0.003
APW18	UA	E011	Arsenic, total	mg/L	02/23/21 - 10/07/25	20	5	CI around mean	0.00178	0.0590
APW18	UA	E011	Barium, total	mg/L	02/23/21 - 10/07/25	20	0	CB around linear reg	0.361	0.300
APW18	UA	E011	Beryllium, total	mg/L	02/23/21 - 10/07/25	20	95	CI around median	0.001	0.001
APW18	UA	E011	Boron, total	mg/L	02/23/21 - 10/07/25	20	0	CI around median	0.103	0.260
APW18	UA	E011	Cadmium, total	mg/L	02/23/21 - 10/07/25	20	95	CI around median	0.001	0.001
APW18	UA	E011	Chloride, total	mg/L	02/23/21 - 10/07/25	20	0	CB around T-S line	-2.61	52.0
APW18	UA	E011	Chromium, total	mg/L	02/23/21 - 10/07/25	20	75	CB around T-S line	-0.0015	0.0110
APW18	UA	E011	Cobalt, total	mg/L	02/23/21 - 10/07/25	20	85	CB around T-S line	-0.000219	0.00430
APW18	UA	E011	Fluoride, total	mg/L	02/23/21 - 10/07/25	20	5	CI around median	0.54	0.633
APW18	UA	E011	Lead, total	mg/L	02/23/21 - 10/07/25	20	70	CB around T-S line	-0.00499	0.00740
APW18	UA	E011	Lithium, total	mg/L	02/23/21 - 10/07/25	20	50	CB around T-S line	-0.000945	0.0300
APW18	UA	E011	Mercury, total	mg/L	02/23/21 - 10/07/25	20	95	CI around median	0.0002	0.0002
APW18	UA	E011	Molybdenum, total	mg/L	02/23/21 - 10/07/25	19	0	CB around T-S line	-0.0151	0.0180
APW18	UA	E011	pH (field)	SU	02/23/21 - 10/07/25	20	0	CI around mean	7.5/7.7	6.4/7.8
APW18	UA	E011	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 10/07/25	19	0	CI around mean	1.4	6.90
APW18	UA	E011	Selenium, total	mg/L	02/23/21 - 10/07/25	20	95	CI around median	0.001	0.001
APW18	UA	E011	Sulfate, total	mg/L	02/23/21 - 10/07/25	20	10	CI around median	4.8	35.8
APW18	UA	E011	Thallium, total	mg/L	02/23/21 - 10/07/25	20	90	CB around T-S line	0.001	0.001
APW18	UA	E011	Total Dissolved Solids	mg/L	02/23/21 - 10/07/25	20	0	CI around median	535	628

ATTACHMENT C.
COMPARISON TO BACKGROUND - QUARTER 4, 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:

E011 = Quarter 4, 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