



COAL COMBUSTION RESIDUALS GROUNDWATER, LEACHATE, AND FACILITY REPORTING FORM

This form must be used as a cover sheet for the notices and reports identified below as required by the facility's Coal Combustion Residuals (CCR) permit for any CCR Surface Impoundments (CCRSIs). All reports must be submitted to the Illinois EPA's Bureau of Land, Permit Section. All reports submitted to the Illinois EPA's Bureau of Land Permit Section must contain an original, plus a minimum of two copies.

Note: This form is not to be used with permit applications. The facility's approved permit will state whether the document you are submitting is required as a report or an application.

1.0 Facility Identification

Facility Name: Newton Power Plant- PAP

Facility Address: 6725 500th Street, Newton, IL

Site ID #: 0798080001

Fed ID #: _____

2.0 Type of Submission

Check the appropriate heading. Only one heading may be checked for each corresponding submittal. Check the appropriate sub-heading, where applicable. Attach the original and all copies behind this form.

- ☐ LPC-160 Forms (electronic reporting for each sampling event)

Groundwater

Leachate

____ Quarterly - Enter 1, 2, 3, or 4

____ Quarterly - Enter 1, 2, 3, or 4

☐ Semi-Annual

☐ Semi-Annual

☐ Annual

☐ Annual

- ☐ Groundwater Data (without LPC-160 Forms) (35 IAC 845.610(b)(3)(D))

____ Quarterly - Enter 1, 2, 3, or 4

☐ Semi-Annual

☐ Annual

- ☐ Well Construction Information

☐ Well Construction Forms, Boring Logs and/or Abandonment Forms

☐ Well Survey Data (e.g., Stick-up Elevation Data)

- ☐ Quarterly Fugitive Dust Complaint Report (35 IAC 845.500(b)(2)(B))

- ☐ Emergency Action Plan (35 IAC 845.520(f))

- ☒ Annual Consolidated Report (35 IAC 845.550(a))

- ☐ Notice of Confirmed Increase of Groundwater Exceedance from Re-sample (35 IAC 845.650(d))

- ☐ Notice of Plume Contamination Off-Site (35 IAC 845.650(d)(2))

- ☐ Alternate Source Demonstration (35 IAC 845.650(e))

- ☐ Assessment of Corrective Measures (35 IAC 845.660(a)(2))
- ☐ Corrective Action
 - ☐ Semi-Annual Report (35 IAC 845.670(a))
 - ☐ Corrective Action Completion Report (35 IAC 845.680(e))
- ☐ Closure Extension Progress Report (35 IAC 845.700(e))
- ☐ Monthly Closure by Removal Report (during active removal) (35 IAC 845.740(d))
- ☐ Annual Inflation Adjustment of Cost Estimates (35 IAC 845.940(a))
- ☐ Other (Identify)

Illinois Power Generating Company
1500 Eastport Plaza Dr.
Collinsville, IL 62234

January 30, 2026

Illinois Environmental Protection Agency
2520 West Iles
P.O. Box 19276
Springfield, IL 62794-9276

Re: Newton Primary Ash Pond (IEPA ID: W0798070001-01) 2025 Annual Consolidated Report

Dear Mr. LeCrone:

In accordance with 35 IAC § 845.550, Illinois Power Generating Company (IPGC) is submitting the annual consolidated report for the Primary Ash Pond (IEPA ID: W0798070001-01), as enclosed.

Sincerely,

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

Phil Morris
Senior Environmental Director

Enclosures

Annual Consolidated Report
Illinois Power Generating Company
Newton Power Plant
Primary Ash Pond; IEPA ID: **W0798070001-01**

In accordance with 35 IAC § 845.550, Illinois Power Generating Company (IPGC) has prepared the annual consolidated report. The report is provided in three sections as follows:

Section 1

1) Annual CCR fugitive dust control report (Section 845.500(c))

Section 2

2) Annual inspection report (Section 845.540(b)), including:

- A) Annual hazard potential classification certification
- B) Annual structural stability assessment certification
- C) Annual safety factor assessment certification
- D) Inflow design flood control system plan certification

Section 3

3) Annual Groundwater Monitoring and Corrective Action Report (Section 845.610(e))

Section 1

Annual CCR Fugitive Dust Control Report

Annual CCR Fugitive Dust Control Report for Newton Power Plant

Prepared for:



Illinois Power Generating Company

**Newton Power Plant
6725 North 500th Street
Newton, IL 62448**

November 2025

**Newton Power Plant
ANNUAL CCR FUGITIVE DUST CONTROL REPORT**

Reporting Year: 4th Quarter 2024 through 3rd Quarter 2025

Completed by:  Environmental + Chemistry Manager
Name Title
Reviewed by:  Plant Manager
Name Title

This Annual CCR Fugitive Dust Control Report has been prepared for the Newton Power Plant in accordance with 40 CFR 257.80(c) and 35 I.A.C. 845.500 Section 1 provides a description of the actions taken to control CCR fugitive dust at the facility during the reporting year, including a summary of any corrective measures taken. Section 2 provides a record of citizen complaints received concerning CCR fugitive dust at the facility during the reporting year, including a summary of any corrective measures taken.

Section 1 Actions Taken to Control CCR Fugitive Dust

In accordance with the Newton Power Plant CCR Fugitive Dust Control Plan (Plan), the following measures were used to control CCR fugitive dust from becoming airborne at the facility during the reporting year:

CCR Activity	Actions Taken to Control CCR Fugitive Dust
Management of CCR in the facility's CCR units	CCR to be emplaced in the landfill is conditioned before loading into vehicles for transport to the landfill.
	Apply cover to exposed material in the landfill.
	Wet management of CCR bottom ash and CCR fly ash in CCR surface impoundments.
	Water areas of exposed CCR in CCR units, as necessary.
	Naturally occurring grass vegetation in areas of exposed CCR in CCR surface impoundments.
Handling of CCR at the facility	Wet sluice CCR bottom ash to CCR surface impoundments.
	Pneumatically convey dry CCR fly ash to storage silos in an enclosed system.
	CCR fly ash to be emplaced in the landfill is conditioned before loading into trucks for transport to the landfill.

**Newton Power Plant
ANNUAL CCR FUGITIVE DUST CONTROL REPORT**

CCR Activity	Actions Taken to Control CCR Fugitive Dust
Handling of CCR at the facility	Load CCR transport trucks from the CCR fly ash silos in a partially enclosed area.
	Load CCR transport trucks from the CCR fly ash silos using a telescoping chute.
	Perform housekeeping, as necessary, in the fly ash loading area.
	Operate fly ash handling system in accordance with good operating practices.
	Maintain and repair as necessary dust controls on the fly ash handling system.
Transportation of CCR at the facility	CCR to be emplaced in the landfill is conditioned before loaded into vehicles for transport to the landfill.
	Cover or enclose trucks used to transport CCR material, as necessary.
	Limit the speed of vehicles to no more than 15 mph on facility roads.
	Sweep or rinse off the outside of the trucks transporting CCR, as necessary.
	Remove CCR, as necessary, deposited on facility road surfaces during transport.

Based on a review of the Plan and inspections associated with CCR fugitive dust control performed in the reporting year, the control measures identified in the Plan as implemented at the facility effectively minimized CCR from becoming airborne at the facility. No revisions or additions to control measures identified in the Plan were needed.

No material changes occurred in the reporting year in site conditions potentially resulting in CCR fugitive dust becoming airborne at the facility that warrant an amendment of the Plan.

Section 2 Record of Citizen Complaints

No citizen complaints were received regarding CCR fugitive dust at Newton Power Plant in the reporting year.

Section 2

Annual inspection report (Section 845.540(b)), including:

- A) Annual hazard potential classification certification, if applicable (Section 845.440)
- B) Annual structural stability assessment certification, if applicable (Section 845.450)
- C) Annual safety factor assessment certification, if applicable (Section 845.460)
- D) Inflow design flood control system plan certification (Section 845.510(c))

ANNUAL INSPECTION BY A QUALIFIED PROFESSIONAL ENGINEER

35 IAC § 845.540

(b)(1) The CCR surface impoundment must be inspected on an annual basis by a qualified professional engineer to ensure that the design, construction, operation, and maintenance of the CCR surface impoundment is consistent with recognized and generally accepted engineering standards. The inspection must, at a minimum, include:

- A) A review of available information regarding the status and condition of the CCR surface impoundment, including files available in the operating record (e.g., CCR surface impoundment design and construction information required by Sections 845.220(a)(1) and 845.230(d)(2)(A), previous structural stability assessments required under Section 845.450, the results of inspections by a qualified person, and results of previous annual inspections);
- B) A visual inspection of the CCR surface impoundment to identify signs of distress or malfunction of the CCR surface impoundment and appurtenant structures;
- C) A visual inspection of any hydraulic structures underlying the base of the CCR surface impoundment or passing through the dike of the CCR surface impoundment for structural integrity and continued safe and reliable operation;
- D) The annual hazard potential classification certification, if applicable (see Section 845.440);
- E) The annual structural stability assessment certification, if applicable (see Section 845.450);
- F) The annual safety factor assessment certification, if applicable (see Section 845.460); and
- G) The inflow design flood control system plan certification (see Section 845.510(c)).

SITE INFORMATION

Site Name / Address / Date of Inspection	Newton Power Station Jasper, Illinois 62953 10/7/2025
Operator Name / Address	Luminant Generation Company LLC 6555 Sierra Drive, Irving, TX 75039
CCR unit	Ash Pond

INSPECTION REPORT 35 IAC § 845.540

(b)(1)(D) The annual hazard potential classification certification, if applicable (see Section 845.440).	Based on a review of the CCR unit's annual hazard potential classification, the unit is classified as a Class II CCR surface impoundment.
(b)(2)(A) Any changes in geometry of the structure since the previous annual inspection.	Based on a review of the CCR unit's records and visual observation during the on-site inspection, no changes in geometry of the structure have taken place since the previous annual inspection.
(b)(2)(B) The location and type of existing instrumentation and the maximum recorded readings of each instrument since the previous annual inspection	See the attached.
b)(2)(C) The approximate minimum, maximum, and present depth and elevation of the impounded water and CCR since the previous annual inspection:	See the attached.
b)(2)(D) The storage capacity of the impounding structure at the time of the inspection	Approximately 31,000 acre-feet
(b)(2)(E) The approximate volume of the impounded water and CCR contained in the unit at the time of the inspection.	Approximately 14,000 acre-feet
(b)(2)(F) Any appearances of an actual or potential structural weakness of the CCR unit, in addition to any existing conditions that are disrupting or have the potential to disrupt the operation and safety of the CCR unit	Based on a review of the CCR unit's records and visual observation during the on-site inspection, there was no appearance of an actual or potential structural weakness of the CCR unit, nor an existing condition that is disrupting or would disrupt the operation and safety of the unit.

INSPECTION REPORT 35 IAC § 845.540

(b)(2)(G) Any other changes that may have affected the stability or operation of the impounding structure since the previous annual inspection.	Based on a review of the CCR unit's records and visual observation during the on-site inspection, no other changes which may have affected the stability or operation of the CCR unit have taken place since the previous annual inspection.
(b)(1)(G) The inflow design flood control system plan certification (see Section 845.510(c))	Based on a review of the CCR unit's records, the CCR unit is designed, operated, and maintained to adequately manage the flow from the CCR impoundment and control the peak discharge from the inflow design flood.

35 IAC § 845.540 - Annual inspection by a qualified professional engineer.

I, James Knutelski, P.E., certify under penalty of law that the information submitted in this report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Illinois. The information submitted, is to the best of my knowledge and belief, true, accurate and complete. Based on the annual inspection, the design, construction, operation, and maintenance of the CCR Unit is consistent with recognized and generally accepted good engineering standards. Based on a review of the records for the CCR unit and a visual inspection of the unit to document no material changes to the unit, the hazard potential classification was conducted in accordance with the requirements of Section 845.440, the structural stability assessment was conducted in accordance with the requirements of Section 845.450, the safety factor assessment was conducted in accordance with the requirements of Section 845.460, and the inflow design flood control system plan assessment was conducted in accordance with the requirements of Section 845.510.



James Knutelski, PE
 Illinois PE No. 062-054206, Expires: 11/30/2027
 Date: 12/22/2025

Site Name: Newton Power Station

CCR Unit: Ash Pond

35 IAC § 845.540 (b)(2)(B)		
Instrument ID #	Type	Maximum recorded reading since previous annual inspection (ft)
B001	Piezometer	499.9'
B003	Piezometer	Abandoned
B004	Piezometer	Abandoned
B005	Piezometer	503.6'
B006	Piezometer	537.1'
B007	Piezometer	Abandoned
B008	Piezometer	Abandoned
B009	Piezometer	524.9'
B010A	Piezometer	Abandoned
B010B	Piezometer	Abandoned
B012	Piezometer	520.6'
B014	Piezometer	Abandoned
B015	Piezometer	Abandoned
B016	Piezometer	Abandoned

35 IAC § 845.540 (b)(2)(C)						
	Approximate Depth / Elevation					
Since previous inspection:	Elevation (ft)			Depth (ft)		
	Minimum	Present	Maximum	Minimum	Present	Maximum
Impounded Water		525.9			7.9	
CCR	515		545	33		45

Section 3

Annual Groundwater Monitoring and Corrective Action Report (Section 845.610(e))

Prepared for
Illinois Power Generating Company

Date
January 31, 2026

Project No.
1940112376-012

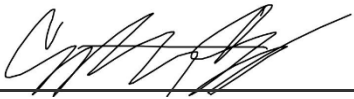
**2025 35 I.A.C. § 845 ANNUAL
GROUNDWATER MONITORING AND
CORRECTIVE ACTION REPORT
PRIMARY ASH POND
NEWTON POWER PLANT
NEWTON, ILLINOIS
IEPA ID NO. W0798070001-01**

**2025 35 I.A.C. § 845 ANNUAL GROUNDWATER
MONITORING AND CORRECTIVE ACTION REPORT
NEWTON POWER PLANT PRIMARY ASH POND**

Project name **Newton Power Plant Primary Ash Pond**
Project no. **1940112376-012**
Recipient **Illinois Power Generating Company**
Document type **Annual Groundwater Monitoring and Corrective Action Report**
Version **FINAL**
Date **January 31, 2026**
Prepared by **Cynthia Cheng**
Checked by **Lauren D. Cook**
Approved by **Eric J. Tlachac, PE**
Description **Annual Report required by 35 I.A.C. § 845**

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Cynthia Cheng
Consultant



Eric J. Tlachac, PE
Senior Managing Consultant

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TABLES (IN TEXT)

Table A	35 I.A.C. § 845 Monitoring Program Summary for 2025
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TABLES (ATTACHED)

Table 1	Field Parameters and Analytical Results – Quarter 1, 2025
	Field Parameters and Analytical Results – Quarter 2, 2025
	Field Parameters and Analytical Results – Quarter 3, 2025
	Field Parameters and Analytical Results – Quarter 4, 2025
Table 2	Evaluation of Compliance – Quarter 1, 2025
	Evaluation of Compliance – Quarter 2, 2025
	Evaluation of Compliance – Quarter 3, 2025
	Evaluation of Compliance – Quarter 4, 2025

FIGURES (ATTACHED)

Figure 1	Monitoring Well Location Map
Figure 2	GWPS Exceedance Map Uppermost Aquifer, Quarters 1-4, 2025
Figure 3	GWPS Exceedance Map Upper Drift, Quarters 1-4, 2025
Figure 4	Potentiometric Surface Map, January 8-9, 2025
Figure 5	Potentiometric Surface Map, February 1, 2025
Figure 6	Potentiometric Surface Map, March 12, 2025
Figure 7	Potentiometric Surface Map, April 1, 2025
Figure 8	Potentiometric Surface Map, May 1, 2025
Figure 9	Potentiometric Surface Map, June 1, 2025
Figure 10	Potentiometric Surface Map, July 1, 2025
Figure 11	Potentiometric Surface Map, August 6, 2025
Figure 12	Potentiometric Surface Map, September 6, 2025
Figure 13	Potentiometric Surface Map, October 6, 2025
Figure 14	Potentiometric Surface Map, November 16, 2025
Figure 15	Potentiometric Surface Map, December 16, 2025

ATTACHMENTS

- Attachment A Groundwater Elevation Data
- Attachment B Comparison to Background – Quarter 1, 2025
 - Comparison to Background – Quarter 2, 2025
 - Comparison to Background – Quarter 3, 2025
 - Comparison to Background – Quarter 4, 2025

ACRONYMS AND ABBREVIATIONS

35 I.A.C.	Title 35 of the Illinois Administrative Code
40 C.F.R.	Title 40 of the Code of Federal Regulations
ASD	Alternative Source Demonstration
CCA	compliance commitment agreement
CCR	coal combustion residuals
CMA	assessment of corrective measures
E008	Quarter 1, 2025 sampling event
E009	Quarter 2, 2025 sampling event
E010	Quarter 3, 2025 sampling event
E011	Quarter 4, 2025 sampling event
GMP	Groundwater Monitoring Plan
GWPS	groundwater protection standard
ID	identification
IEPA	Illinois Environmental Protection Agency
IPCB	Illinois Pollution Control Board
IPGC	Illinois Power Generating Company
NID	National Inventory of Dams
No.	number
NPP	Newton Power Plant
PAP	Primary Ash Pond
Ramboll	Ramboll Americas Engineering Solutions, Inc.
SI	surface impoundment
SSI	statistically significant increase
TDS	Total Dissolved Solids

EXECUTIVE SUMMARY

This report has been prepared to provide the information required by Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.610(e) (*Annual Groundwater Monitoring and Corrective Action Report*) for the Primary Ash Pond (PAP) located at Newton Power Plant (NPP) near Newton, Illinois. The PAP is recognized by coal combustion residuals (CCR) unit identification (ID) number (No.) 501, Illinois Environmental Protection Agency (IEPA) ID No. W0798070001-01, and National Inventory of Dams (NID) No. IL50719.

As required by 35 I.A.C. § 845, an operating permit application for the PAP was submitted by Illinois Power Generating Company (IPGC) to the IEPA by October 31, 2021 in accordance with the requirements specified in 35 I.A.C. § 845.230(d) and is pending approval. Consistent with the compliance commitment agreements (CCA) between IPGC and the IEPA for other IPGC facilities dated December 28, 2022, quarterly groundwater monitoring in accordance with the proposed Groundwater Monitoring Plan (GMP; Ramboll Americas Engineering Solutions, Inc. [Ramboll], 2021) and sampling methodologies provided in the operating permit application for the PAP commenced in the second quarter of 2023. All available groundwater monitoring data collected in 2025 are summarized in **Table 1** (field parameters and analytical results) and **Attachment A** (groundwater elevation data). After the PAP has been issued an approved operating permit, groundwater monitoring shall be conducted in accordance with that operating permit.

In accordance with 35 I.A.C. § 845.610(b)(3)(C) and the statistical analysis plan, constituent concentrations observed at compliance monitoring wells were evaluated for compliance with the groundwater protection standards (GWPSs) described in 35 I.A.C. § 845.600 to determine exceedances¹ of the GWPS (**Table 2**). The following GWPS exceedances were determined in 2025 (Ramboll, 2025b; Ramboll, 2025c; Ramboll, 2025d; Ramboll, 2026):

- Chloride in APW15
- Lithium in APW02
- Sulfate in APW02, APW04, APW05S, APW10, and APW12
- Total Dissolved Solids (TDS) in APW02, APW04, APW05S, and APW12

An Alternative Source Demonstration (ASD) was completed on October 6, 2023 for the chloride GWPS exceedance detected at monitoring well APW15 during the Quarter 2, 2023 sampling event (Ramboll, 2023). The IEPA provided a written response on November 7, 2023 that it did not concur with the ASD (IEPA, 2023). Both of these documents were included in the 2023 Annual Groundwater Monitoring and Corrective Action Report (Ramboll, 2024a; included in the 2023 Annual Consolidated Report). As allowed by 35 I.A.C. § 845.650(e)(7), IPGC filed a petition with the Illinois Pollution Control Board (IPCB; case number 2024-043²) for review of the IEPA's non-concurrence on December 15, 2023 and requested a partial stay of the requirements of 35 I.A.C. §§ 845.650(d), 845.660, 845.670, and 845.680 as they apply to the exceedance(s) of the

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 GMP (Ramboll, 2021) which was submitted to the IEPA on October 25, 2021 and subsequently revised on September 4, 2025 (Ramboll, 2025a) as part of IPGC's operating permit application for Newton Power Plant Primary Ash Pond. That operating permit application remains under review by the IEPA and, therefore, IPGC has not identified any actual exceedances.

² <https://pcb.illinois.gov/Cases/GetCaseDetailsById?caseId=17449>

chloride GWPS at monitoring well APW15. This request was unopposed by the IEPA and the IPCB granted it on January 18, 2024. The outcome of these non-concurrence proceedings is pending.

As required by 35 I.A.C. § 845.650(d)(3) an assessment of corrective measures (CMA) was initiated on November 5, 2023 to address the GWPS exceedances of lithium at APW02, sulfate at APW02, APW04, APW05S, and APW10, and TDS at APW02, APW04, APW05S, and APW12. A CMA extension request was submitted to the IEPA on November 6, 2023, and an addendum to the CMA extension request was submitted to the IEPA on November 30, 2023. The IEPA approved the CMA extension request and addendum on December 11, 2023. The CMA extension request, addendum, and approval letter were included in the 2023 Annual Groundwater Monitoring and Corrective Action Report (Ramboll, 2024a). The CMA was completed in accordance with 35 I.A.C. § 845.660 and submitted to the IEPA on April 3, 2024 (Ramboll, 2024b).

As required by 35 I.A.C. § 845.670, a corrective action plan that identifies the selected remedy must be submitted to the IEPA within one year after completing the CMA. An associated public meeting was held on February 26, 2025, prior to selection of a remedy in accordance with 35 I.A.C. § 845.660(d). A groundwater corrective action plan was submitted to IEPA on April 1, 2025 in accordance with 35 I.A.C. § 845.670 (Ramboll, 2025e; included in the Operating Permit Application) and is pending approval; which is required prior to initiating remedial activities.

In accordance with 35 I.A.C. § 845.670, semiannual reports describing the progress in selecting and designing a groundwater corrective action remedy and developing a corrective action plan were submitted to the IEPA on April 3, 2025 and October 3, 2025 (Ramboll, 2025f; Ramboll, 2025g).

The sulfate GWPS exceedance at APW12 noted above was determined in 2025 following completion of the CMA and was incorporated into the submitted corrective action plan.

In accordance with 35 I.A.C. § 845.610(b)(3)(B), constituent concentrations observed at compliance monitoring wells were also evaluated quarterly for exceedances over statistical background levels (**Attachment B**).

1. INTRODUCTION

This report has been prepared by Ramboll on behalf of IPGC, to provide the information required by 35 I.A.C. § 845.610(e) for the PAP located at NPP near Newton, Illinois. The owner or operator of a CCR surface impoundment (SI) must prepare and submit to IEPA by January 31st of each year an Annual Groundwater Monitoring and Corrective Action Report for the preceding calendar year as part of the Annual Consolidated Report required by 35 I.A.C. § 845.550. The Annual Groundwater Monitoring and Corrective Action Report shall document the status of the groundwater monitoring and corrective action plan for the CCR SI (**Section 2**), summarize key actions completed, including the status of permit applications and Agency approvals (**Section 3**), describe any problems encountered and actions to resolve the problems (**Section 4**), and project key activities for the upcoming year (**Section 5**).

At a minimum, the annual report must contain the following information, to the extent available:

- A. A map, aerial image, or diagram showing the CCR SI and all background (or upgradient) and [downgradient] compliance monitoring wells, including the well identification numbers, that are part of the groundwater monitoring program for the CCR SI (**Figure 1**) and a visual delineation of any exceedances of the [groundwater protection standard] GWPS (**Figures 2 and 3**).
- B. Identification of any monitoring wells that were installed or decommissioned during the preceding year, along with a narrative description of why those actions were taken (**Section 3**, paragraph 1).
- C. A potentiometric surface map for each groundwater elevation sampling event required by 35 I.A.C. § 845.650(b)(2) (**Figures 4 through 15**).
- D. In addition to all the monitoring data obtained under 35 I.A.C. §§ 845.600-680, a summary including the number of groundwater samples that were collected for analysis for each background and [downgradient] compliance well, and the dates the samples were collected (**Section 3.1** and **Table A**).
- E. A narrative discussion of any statistically significant increases (SSIs) over background levels for the constituents listed in 35 I.A.C. § 845.600 (**Section 3.3** and **Attachment B**).
- F. Other information required to be included in the annual report as specified in 35 I.A.C. §§ 845.600-680.

A section at the beginning of the annual report must provide an overview of the current status of the groundwater monitoring program and corrective action plan for the CCR SI (see **Executive Summary**). At a minimum, the summary must:

- A. Specify whether groundwater monitoring data shows an SSI over background concentrations for one or more constituents listed in 35 I.A.C. § 845.600.
- B. Identify those constituents having an SSI over background concentrations and the names of the monitoring wells associated with the SSI(s).
- C. Specify whether there have been any exceedances of the GWPS for one or more constituents listed in 35 I.A.C. § 845.600.

- D. Identify those constituents with exceedances of the GWPS in 35 I.A.C. § 845.600 and the names of the monitoring wells associated with the exceedance.
- E. Provide the date when the assessment of corrective measures was initiated for the CCR SI.
- F. Provide the date when the assessment of corrective measures was completed for the CCR SI.
- G. Specify whether a remedy was selected under 35 I.A.C. § 845.670 during the current annual reporting period, and if so, the date of remedy selection.
- H. Specify whether remedial activities were initiated or are ongoing under 35 I.A.C. § 845.780 during the current annual reporting period.

This report provides the required information for the PAP for calendar year 2025.

2. MONITORING AND CORRECTIVE ACTION PROGRAM STATUS

An operating permit application for the PAP was submitted by IPGC to the IEPA by October 31, 2021 in accordance with the requirements specified in 35 I.A.C. § 845.230(d) and is pending approval. Consistent with the CCA between IPGC and IEPA for other IPGC facilities, groundwater monitoring in accordance with the proposed GMP and sampling methodologies provided in the operating permit application for the PAP commenced in the second quarter of 2023. After the PAP has been issued an approved operating permit, groundwater monitoring shall be conducted in accordance with that operating permit.

A closure construction permit application for the PAP was also submitted by IPGC to the IEPA on July 28, 2022, in accordance with the requirements specified in 35 I.A.C. § 845.220(a) and (d) and is pending approval.

As noted in the **Executive Summary**, GWPS exceedances were determined for the PAP in 2025. An ASD was completed on October 6, 2023 for the chloride GWPS exceedance detected at monitoring well APW15 during the Quarter 2, 2023 sampling event (Ramboll, 2023). The IEPA provided a written response on November 7, 2023 that it did not concur with the ASD (IEPA, 2023). Both of these documents were included in the 2023 Annual Groundwater Monitoring and Corrective Action Report (Ramboll, 2024a; included in the 2023 Annual Consolidated Report). As allowed by 35 I.A.C. § 845.650(e)(7), IPGC filed a petition with the IPCB (case number 2024-043³) for review of the IEPA's non-concurrence on December 15, 2023 and requested a partial stay of the requirements of 35 I.A.C. §§ 845.650(d), 845.660, 845.670, and 845.680 as they apply to the exceedance(s) of the chloride GWPS at monitoring well APW15. This request was unopposed by the IEPA and the IPCB granted it on January 18, 2024. The outcome of these non-concurrence proceedings is pending.

The CMA was initiated on November 5, 2023 to address the GWPS exceedances of lithium at APW02, sulfate at APW02, APW04, APW05S, and APW10, and TDS at APW02, APW04, APW05S, and APW12. A CMA extension request was submitted to the IEPA on November 6, 2023, and an addendum to the CMA extension request was submitted to the IEPA on November 30, 2023. The CMA extension request and addendum were approved on December 11, 2023. The CMA extension request, addendum, and approval letter were included in the 2023 Annual Groundwater Monitoring and Corrective Action Report (Ramboll, 2024a). The CMA was completed in accordance with 35 I.A.C. § 845.660 and submitted to the IEPA on April 3, 2024 (Ramboll, 2024b).

As required by 35 I.A.C. § 845.670, a corrective action plan that identifies the selected remedy must be submitted to the IEPA within one year after completing the CMA. An associated public meeting was held on February 26, 2025, prior to selection of a remedy in accordance with 35 I.A.C. § 845.660(d). A groundwater corrective action plan was submitted to the IEPA on April 1, 2025 in accordance with 35 I.A.C. § 845.670 (Ramboll, 2025e; included in the Operating Permit

³ <https://pcb.illinois.gov/Cases/GetCaseDetailsById?caseId=17449>

Application) and is pending approval; which is required prior to initiating remedial activities. Remedial activities were not initiated under 35 I.A.C. § 845.780 in 2025.

In accordance with 35 I.A.C. § 845.670, semiannual reports describing the progress in selecting and designing a groundwater corrective action remedy and developing a corrective action plan were submitted to the IEPA on April 3, 2025 and October 3, 2025 (Ramboll, 2025f; Ramboll, 2025g).

The sulfate GWPS exceedance at APW12 was determined following completion of the CMA and was incorporated into the submitted CAP.

3. KEY ACTIONS COMPLETED IN 2025

The proposed 35 I.A.C. § 845 monitoring system is presented in **Figure 1**. No changes to the monitoring system occurred in 2025.

Monthly groundwater elevations were collected in 2025 as required by 35 I.A.C. § 845.650(b)(2). **Attachment A** summarizes the groundwater elevation data collected in 2025. Potentiometric surfaces for January through December 2025 are included in **Figures 4 through 15**.

A summary of the samples collected in 2025 is included in **Section 3.1**. Narrative discussions of exceedances of GWPSs and background are included in **Section 3.2** and **Section 3.3**, respectively. Statistical procedures used to evaluate groundwater results are provided in the GMP (Ramboll, 2025a).

3.1 Sample and Analysis Summary

One groundwater sample was attempted to be collected from each background and compliance well during each quarterly monitoring event in 2025. All samples were collected and analyzed in accordance with the GMP (Ramboll, 2025a). A summary of the samples collected from background and compliance monitoring wells in 2025 is included in **Table A** on the following page. **Table 1** is a summary of the field parameters and analytical results from 2025 sampling at monitoring wells within the monitoring system for 35 I.A.C. § 845.600 constituents. Laboratory analytical reports and field data sheets were provided in the quarterly Groundwater Monitoring Data and Detected Exceedances Reports for Quarters 1 through 4 (Ramboll, 2025b; Ramboll, 2025c; Ramboll, 2025d; Ramboll, 2026); therefore, these reports are not attached to this annual report to avoid reproduction of lengthy data transmittals that have been previously provided in hardcopy.

Table A. 35 I.A.C. § 845 Monitoring Program Summary for 2025

Event ID	Sampling Dates ^{1, 2, 3}	Analytical Data Receipt Date	Exceedance Determination Date	ASD Completion Date
E008	January 13 – 20, 2025	February 20, 2025	April 21, 2025	NA
E009	April 1 – 2, 2025	May 9, 2025	July 8, 2025	NA
E010	July 7 – 9, 2025	August 8, 2025	October 7, 2025	NA
E011	October 7 – 13, 2025	November 14, 2025	January 13, 2026	NA

Notes:

ASD: Alternative Source Demonstration

NA: not applicable

TBD: to be determined after January 31, 2026

¹ All samples were analyzed for the parameters listed in 35 I.A.C. § 845.600, calcium, and turbidity.

² The following background wells were sampled for each event: APW05 and APW06

³ The following compliance wells were sampled for each event: APW02, APW03, APW04, APW05S, APW07, APW08, APW09, APW10, APW11, APW12, APW13, APW14, APW15, APW16, APW17, and APW18.

3.2 Exceedances of GWPS

In accordance with 35 I.A.C. § 845.610(b)(3)(C), the constituent concentrations observed at compliance monitoring wells identified as Statistical Results in **Table 2** were compared with the GWPSs described in 35 I.A.C. § 845.600 to determine exceedances of the GWPS. The following exceedances of the GWPSs were determined and are shown on **Figures 2 and 3**:

- Chloride in APW15
- Lithium in APW02
- Sulfate in APW02, APW04, APW05S, APW10, and APW12
- TDS in APW02, APW04, APW05S, and APW12

Response actions for these exceedances are summarized in **Section 2**.

3.3 Exceedances of Background

In accordance with 35 I.A.C. § 845.610(b)(3)(B), constituent concentrations observed at compliance monitoring wells identified as Statistical Results in **Attachment B** were also evaluated quarterly for exceedances over statistical background levels for the constituents listed in 35 I.A.C. § 845.600. **Attachment B** shows the constituent concentrations compared to statistical background levels.

4. PROBLEMS ENCOUNTERED AND ACTIONS TO RESOLVE THE PROBLEMS

Quarterly groundwater monitoring was completed in 2025. Groundwater samples were collected and analyzed in accordance with the GMP (Ramboll, 2025a) and all data were accepted. After the PAP has been issued an approved operating permit, groundwater monitoring shall be conducted in accordance with that operating permit.

5. KEY ACTIVITIES PLANNED FOR 2026

The following key activities are planned for 2026:

- Continuation of groundwater monitoring in accordance with the proposed GMP and sampling methodologies provided in the operating permit application for the PAP. After the PAP has been issued an approved operating permit, groundwater monitoring shall be conducted in accordance with that operating permit. Groundwater monitoring will include:
 - Monthly groundwater elevations
 - Quarterly groundwater sampling
- Complete evaluation of analytical data from the compliance wells to determine whether exceedances above GWPSs have occurred.
- If a GWPS exceedance is identified, potential alternative sources (*i.e.*, a source other than the CCR unit caused the GWPS exceedance or that the exceedance resulted from error in sampling, analysis, statistical evaluation, or natural variation in groundwater quality) will be evaluated.
 - If an alternative source is identified to be the cause of the GWPS exceedance, a written demonstration will be completed within 60 days of determination and included in the 2025 Annual Groundwater Monitoring and Corrective Action Report.
 - If an alternative source(s) is not identified to be the cause of the GWPS exceedance, the applicable requirements of 35 I.A.C. § 845.660 will be met.

6. REFERENCES

Illinois Administrative Code, Title 35, Subtitle G, Chapter I, Subchapter J, Part 845: Standards for The Disposal Of Coal Combustion Residuals In Surface Impoundments, effective April 21, 2021.

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.

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

Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2023. *35 I.A.C. § 845.650(E): Alternative Source Demonstration, Primary Ash Pond, Newton, Illinois, IEPA ID: W0798070001-1*. October 6, 2023.

Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2024a. *2023 35 I.A.C. § 845 Annual Groundwater Monitoring and Corrective Action Report, Primary Ash Pond, Newton Power Plant, Newton, Illinois, IEPA ID No. W0798070001-1*. January 31, 2024.

<https://www.luminant.com/documents/ccr/il-ccr/Newton/2023/2023-Newton%20AP%20Part%20845%20Annual%20Consolidated%20Rpt-Newton-Primary%20Ash%20Pond-W0798070001-01.pdf>

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Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2025a. *Groundwater Monitoring Plan, Revision 1. Newton Power Plant, Primary Ash Pond, Newton, Illinois*. September 4, 2025. <https://www.luminant.com/documents/ccr/il-ccr/Newton/2025/2025%20Newton%20Groundwater%20Monitoring%20Plan%20Primary%20Ash%20Pond%20-%20Revised%20Sep%202025.pdf>

Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2025b. *35 I.A.C. § 845.610(B)(3)(D) Groundwater Monitoring Data and Detected Exceedances, 2025 Quarter 1, Primary Ash Pond, Newton Power Plant, Newton, Illinois*. April 21, 2025. <https://www.luminant.com/documents/ccr/il-ccr/Newton/2025/2025-Newton%202025%201st%20quarter%2035%20IAC%20845%20GW%20report-Newton-Primary%20Ash%20Pond-W0798070001-01.pdf>

Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2025c *35 I.A.C. § 845.610(B)(3)(D) Groundwater Monitoring Data and Detected Exceedances, 2025 Quarter 2, Primary Ash Pond, Newton Power Plant, Newton, Illinois*. July 8, 2025. <https://www.luminant.com/documents/ccr/il-ccr/Newton/2025/2025-Newton%202025%202nd%20quarter%2035%20IAC%20845%20GW%20report-Newton-Primary%20Ash%20Pond-W0798070001-01.pdf>

Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2025d. *35 I.A.C. § 845.610(B)(3)(D) Groundwater Monitoring Data and Detected Exceedances, 2025 Quarter 3, Primary Ash Pond, Newton Power Plant, Newton, Illinois*. October 7, 2025.

<https://www.luminant.com/documents/ccr/il-ccr/Newton/2025/2025-Newton%202025%203rd%20quarter%2035%20IAC%20845%20GW%20report-Newton-Primary%20Ash%20Pond-W0798070001-01.pdf>

Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2025e. *Corrective Action Plan, Primary Ash Pond, Newton Power Plant, Newton, Illinois, IEPA ID No. W0798070001-1*. April 1, 2025.

<https://www.luminant.com/documents/ccr/il-ccr/Newton/2025/2025%20CA%20Supplement%20to%20Newton%20AP%20Op%20Permit%20App%20W0798070001-01.pdf>

Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2025f. *Semiannual Remedy Selection Progress Report, Primary Ash Pond, Newton Power Plant*. April 3, 2025.

<https://www.luminant.com/documents/ccr/il-ccr/Newton/2025/2025%2004%2003%20Newton%20PAP%20Semiann%20Rem%20Sel%20Progress%20Rpt-Newton-Primary%20Ash%20Pond-W0798070001-01.pdf>

Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2025g. *Semiannual Remedy Selection Progress Report, Primary Ash Pond, Newton Power Plant*. October 3, 2025.

<https://www.luminant.com/documents/ccr/il-ccr/Newton/2025/2025-2025%2010%2003%20Newton%20PAP%20Semiann%20Rem%20Sel%20Progress%20Rpt-Newton-Primary%20Ash%20Pond-W0798070001-01.pdf>

Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2026. *35 I.A.C. § 845.610(B)(3)(D) Groundwater Monitoring Data and Detected Exceedances, 2025 Quarter 4, Primary Ash Pond, Newton Power Plant, Newton, Illinois*. January 13, 2026.

TABLES

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW05	Background	E008	01/15/2025	Antimony, total	0.0006 J	mg/L
APW05	Background	E008	01/15/2025	Arsenic, total	0.00460	mg/L
APW05	Background	E008	01/15/2025	Barium, total	0.220	mg/L
APW05	Background	E008	01/15/2025	Beryllium, total	0.0002 U	mg/L
APW05	Background	E008	01/15/2025	Boron, total	0.113	mg/L
APW05	Background	E008	01/15/2025	Cadmium, total	0.0002 U	mg/L
APW05	Background	E008	01/15/2025	Calcium, total	50.0	mg/L
APW05	Background	E008	01/15/2025	Chloride, total	45.0	mg/L
APW05	Background	E008	01/15/2025	Chromium, total	0.0012 J	mg/L
APW05	Background	E008	01/15/2025	Cobalt, total	0.0001 U	mg/L
APW05	Background	E008	01/15/2025	Dissolved Oxygen	5.71	mg/L
APW05	Background	E008	01/15/2025	Fluoride, total	0.41 J	mg/L
APW05	Background	E008	01/15/2025	Lead, total	0.0006 U	mg/L
APW05	Background	E008	01/15/2025	Lithium, total	0.0110	mg/L
APW05	Background	E008	01/15/2025	Mercury, total	0.00006 U	mg/L
APW05	Background	E008	01/15/2025	Molybdenum, total	0.0180	mg/L
APW05	Background	E008	01/15/2025	Oxidation Reduction Potential	84.0	mV
APW05	Background	E008	01/15/2025	pH (field)	7.5	SU
APW05	Background	E008	01/15/2025	Radium 226 + Radium 228, total	0.1	pCi/L
APW05	Background	E008	01/15/2025	Selenium, total	0.0006 U	mg/L
APW05	Background	E008	01/15/2025	Specific Conductance @ 25C (field)	1,560	micromhos/cm
APW05	Background	E008	01/15/2025	Sulfate, total	5.8 J	mg/L
APW05	Background	E008	01/15/2025	Temperature	9.20	degrees C
APW05	Background	E008	01/15/2025	Thallium, total	0.001 U	mg/L
APW05	Background	E008	01/15/2025	Total Dissolved Solids	562	mg/L
APW05	Background	E008	01/15/2025	Turbidity, field	1 U	NTU
APW06	Background	E008	01/15/2025	Antimony, total	0.0004 U	mg/L
APW06	Background	E008	01/15/2025	Arsenic, total	0.0103	mg/L
APW06	Background	E008	01/15/2025	Barium, total	0.250	mg/L
APW06	Background	E008	01/15/2025	Beryllium, total	0.0002 U	mg/L
APW06	Background	E008	01/15/2025	Boron, total	0.0767	mg/L
APW06	Background	E008	01/15/2025	Cadmium, total	0.0002 U	mg/L
APW06	Background	E008	01/15/2025	Calcium, total	60.8	mg/L
APW06	Background	E008	01/15/2025	Chloride, total	21.4	mg/L
APW06	Background	E008	01/15/2025	Chromium, total	0.0011 J	mg/L
APW06	Background	E008	01/15/2025	Cobalt, total	0.0003 J	mg/L
APW06	Background	E008	01/15/2025	Dissolved Oxygen	0.610	mg/L
APW06	Background	E008	01/15/2025	Fluoride, total	0.48 J	mg/L
APW06	Background	E008	01/15/2025	Lead, total	0.00160	mg/L
APW06	Background	E008	01/15/2025	Lithium, total	0.0113	mg/L
APW06	Background	E008	01/15/2025	Mercury, total	0.00006 U	mg/L
APW06	Background	E008	01/15/2025	Molybdenum, total	0.00810	mg/L
APW06	Background	E008	01/15/2025	Oxidation Reduction Potential	-128	mV
APW06	Background	E008	01/15/2025	pH (field)	7.7	SU
APW06	Background	E008	01/15/2025	Radium 226 + Radium 228, total	0.76	pCi/L
APW06	Background	E008	01/15/2025	Selenium, total	0.0006 U	mg/L

TABLE 1.
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845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW06	Background	E008	01/15/2025	Specific Conductance @ 25C (field)	415	micromhos/cm
APW06	Background	E008	01/15/2025	Sulfate, total	3.5 J	mg/L
APW06	Background	E008	01/15/2025	Temperature	13.1	degrees C
APW06	Background	E008	01/15/2025	Thallium, total	0.001 U	mg/L
APW06	Background	E008	01/15/2025	Total Dissolved Solids	486	mg/L
APW06	Background	E008	01/15/2025	Turbidity, field	47.0	NTU
APW02	Compliance	E008	01/14/2025	Antimony, total	0.0004 U	mg/L
APW02	Compliance	E008	01/14/2025	Arsenic, total	0.0005 J	mg/L
APW02	Compliance	E008	01/14/2025	Barium, total	0.00640	mg/L
APW02	Compliance	E008	01/14/2025	Beryllium, total	0.0002 U	mg/L
APW02	Compliance	E008	01/14/2025	Boron, total	0.0430	mg/L
APW02	Compliance	E008	01/14/2025	Cadmium, total	0.0002 U	mg/L
APW02	Compliance	E008	01/14/2025	Calcium, total	382	mg/L
APW02	Compliance	E008	01/14/2025	Chloride, total	71.1	mg/L
APW02	Compliance	E008	01/14/2025	Chromium, total	0.0009 J	mg/L
APW02	Compliance	E008	01/14/2025	Cobalt, total	0.0001 U	mg/L
APW02	Compliance	E008	01/14/2025	Dissolved Oxygen	3.02	mg/L
APW02	Compliance	E008	01/14/2025	Fluoride, total	0.2 U	mg/L
APW02	Compliance	E008	01/14/2025	Lead, total	0.0006 U	mg/L
APW02	Compliance	E008	01/14/2025	Lithium, total	0.0721	mg/L
APW02	Compliance	E008	01/14/2025	Mercury, total	0.00006 U	mg/L
APW02	Compliance	E008	01/14/2025	Molybdenum, total	0.0009 J	mg/L
APW02	Compliance	E008	01/14/2025	Oxidation Reduction Potential	31.0	mV
APW02	Compliance	E008	01/14/2025	pH (field)	6.6	SU
APW02	Compliance	E008	01/14/2025	Radium 226 + Radium 228, total	0.253	pCi/L
APW02	Compliance	E008	01/14/2025	Selenium, total	0.0006 U	mg/L
APW02	Compliance	E008	01/14/2025	Specific Conductance @ 25C (field)	5,610	micromhos/cm
APW02	Compliance	E008	01/14/2025	Sulfate, total	2,890	mg/L
APW02	Compliance	E008	01/14/2025	Temperature	7.90	degrees C
APW02	Compliance	E008	01/14/2025	Thallium, total	0.001 U	mg/L
APW02	Compliance	E008	01/14/2025	Total Dissolved Solids	4,800	mg/L
APW02	Compliance	E008	01/14/2025	Turbidity, field	1 U	NTU
APW03	Compliance	E008	01/16/2025	Antimony, total	0.0004 U	mg/L
APW03	Compliance	E008	01/16/2025	Arsenic, total	0.0006 J	mg/L
APW03	Compliance	E008	01/16/2025	Barium, total	0.113	mg/L
APW03	Compliance	E008	01/16/2025	Beryllium, total	0.0002 U	mg/L
APW03	Compliance	E008	01/16/2025	Boron, total	0.412	mg/L
APW03	Compliance	E008	01/16/2025	Cadmium, total	0.0002 U	mg/L
APW03	Compliance	E008	01/16/2025	Calcium, total	103	mg/L
APW03	Compliance	E008	01/16/2025	Chloride, total	7.77	mg/L
APW03	Compliance	E008	01/16/2025	Chromium, total	0.0013 J	mg/L
APW03	Compliance	E008	01/16/2025	Cobalt, total	0.0003 J	mg/L
APW03	Compliance	E008	01/16/2025	Dissolved Oxygen	2.92	mg/L
APW03	Compliance	E008	01/16/2025	Fluoride, total	0.2 U	mg/L
APW03	Compliance	E008	01/16/2025	Lead, total	0.0006 U	mg/L
APW03	Compliance	E008	01/16/2025	Lithium, total	0.0116	mg/L

TABLE 1.
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845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW03	Compliance	E008	01/16/2025	Mercury, total	0.00006 U	mg/L
APW03	Compliance	E008	01/16/2025	Molybdenum, total	0.0006 U	mg/L
APW03	Compliance	E008	01/16/2025	Oxidation Reduction Potential	-69.0	mV
APW03	Compliance	E008	01/16/2025	pH (field)	6.9	SU
APW03	Compliance	E008	01/16/2025	Radium 226 + Radium 228, total	0.474	pCi/L
APW03	Compliance	E008	01/16/2025	Selenium, total	0.0006 U	mg/L
APW03	Compliance	E008	01/16/2025	Specific Conductance @ 25C (field)	354	micromhos/cm
APW03	Compliance	E008	01/16/2025	Sulfate, total	94.7	mg/L
APW03	Compliance	E008	01/16/2025	Temperature	9.80	degrees C
APW03	Compliance	E008	01/16/2025	Thallium, total	0.001 U	mg/L
APW03	Compliance	E008	01/16/2025	Total Dissolved Solids	620	mg/L
APW03	Compliance	E008	01/16/2025	Turbidity, field	8.00	NTU
APW04	Compliance	E008	01/15/2025	Antimony, total	0.0004 U	mg/L
APW04	Compliance	E008	01/15/2025	Arsenic, total	0.0005 J	mg/L
APW04	Compliance	E008	01/15/2025	Barium, total	0.0182	mg/L
APW04	Compliance	E008	01/15/2025	Beryllium, total	0.0002 U	mg/L
APW04	Compliance	E008	01/15/2025	Boron, total	0.0299	mg/L
APW04	Compliance	E008	01/15/2025	Cadmium, total	0.0002 U	mg/L
APW04	Compliance	E008	01/15/2025	Calcium, total	217	mg/L
APW04	Compliance	E008	01/15/2025	Chloride, total	32.3	mg/L
APW04	Compliance	E008	01/15/2025	Chromium, total	0.0013 J	mg/L
APW04	Compliance	E008	01/15/2025	Cobalt, total	0.0002 J	mg/L
APW04	Compliance	E008	01/15/2025	Dissolved Oxygen	1.03	mg/L
APW04	Compliance	E008	01/15/2025	Fluoride, total	0.2 U	mg/L
APW04	Compliance	E008	01/15/2025	Lead, total	0.0006 U	mg/L
APW04	Compliance	E008	01/15/2025	Lithium, total	0.0254	mg/L
APW04	Compliance	E008	01/15/2025	Mercury, total	0.00006 U	mg/L
APW04	Compliance	E008	01/15/2025	Molybdenum, total	0.0007 J	mg/L
APW04	Compliance	E008	01/15/2025	Oxidation Reduction Potential	132	mV
APW04	Compliance	E008	01/15/2025	pH (field)	6.7	SU
APW04	Compliance	E008	01/15/2025	Radium 226 + Radium 228, total	0.0455	pCi/L
APW04	Compliance	E008	01/15/2025	Selenium, total	0.0006 U	mg/L
APW04	Compliance	E008	01/15/2025	Specific Conductance @ 25C (field)	2,910	micromhos/cm
APW04	Compliance	E008	01/15/2025	Sulfate, total	815	mg/L
APW04	Compliance	E008	01/15/2025	Temperature	7.80	degrees C
APW04	Compliance	E008	01/15/2025	Thallium, total	0.001 U	mg/L
APW04	Compliance	E008	01/15/2025	Total Dissolved Solids	1,780	mg/L
APW04	Compliance	E008	01/15/2025	Turbidity, field	5.50	NTU
APW05S	Compliance	E008	01/15/2025	Antimony, total	0.0004 U	mg/L
APW05S	Compliance	E008	01/15/2025	Arsenic, total	0.0008 J	mg/L
APW05S	Compliance	E008	01/15/2025	Barium, total	0.0270	mg/L
APW05S	Compliance	E008	01/15/2025	Beryllium, total	0.0002 U	mg/L
APW05S	Compliance	E008	01/15/2025	Boron, total	0.0443	mg/L
APW05S	Compliance	E008	01/15/2025	Cadmium, total	0.0002 U	mg/L
APW05S	Compliance	E008	01/15/2025	Calcium, total	401	mg/L
APW05S	Compliance	E008	01/15/2025	Chloride, total	136	mg/L

TABLE 1.
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW05S	Compliance	E008	01/15/2025	Chromium, total	0.0011 J	mg/L
APW05S	Compliance	E008	01/15/2025	Cobalt, total	0.0004 J	mg/L
APW05S	Compliance	E008	01/15/2025	Dissolved Oxygen	2.14	mg/L
APW05S	Compliance	E008	01/15/2025	Fluoride, total	0.34 J	mg/L
APW05S	Compliance	E008	01/15/2025	Lead, total	0.0006 U	mg/L
APW05S	Compliance	E008	01/15/2025	Lithium, total	0.0423	mg/L
APW05S	Compliance	E008	01/15/2025	Mercury, total	0.00006 U	mg/L
APW05S	Compliance	E008	01/15/2025	Molybdenum, total	0.0012 J	mg/L
APW05S	Compliance	E008	01/15/2025	Oxidation Reduction Potential	97.0	mV
APW05S	Compliance	E008	01/15/2025	pH (field)	6.7	SU
APW05S	Compliance	E008	01/15/2025	Radium 226 + Radium 228, total	0.466	pCi/L
APW05S	Compliance	E008	01/15/2025	Selenium, total	0.0006 U	mg/L
APW05S	Compliance	E008	01/15/2025	Specific Conductance @ 25C (field)	4,300	micromhos/cm
APW05S	Compliance	E008	01/15/2025	Sulfate, total	1,860	mg/L
APW05S	Compliance	E008	01/15/2025	Temperature	5.70	degrees C
APW05S	Compliance	E008	01/15/2025	Thallium, total	0.001 U	mg/L
APW05S	Compliance	E008	01/15/2025	Total Dissolved Solids	3,470	mg/L
APW05S	Compliance	E008	01/15/2025	Turbidity, field	3.80	NTU
APW07	Compliance	E008	01/20/2025	Antimony, total	0.0004 U	mg/L
APW07	Compliance	E008	01/20/2025	Arsenic, total	0.0137	mg/L
APW07	Compliance	E008	01/20/2025	Barium, total	0.446	mg/L
APW07	Compliance	E008	01/20/2025	Beryllium, total	0.0002 U	mg/L
APW07	Compliance	E008	01/20/2025	Boron, total	0.0943	mg/L
APW07	Compliance	E008	01/20/2025	Cadmium, total	0.0002 U	mg/L
APW07	Compliance	E008	01/20/2025	Calcium, total	97.0	mg/L
APW07	Compliance	E008	01/20/2025	Chloride, total	59.5	mg/L
APW07	Compliance	E008	01/20/2025	Chromium, total	0.00590	mg/L
APW07	Compliance	E008	01/20/2025	Cobalt, total	0.00150	mg/L
APW07	Compliance	E008	01/20/2025	Dissolved Oxygen	0.720	mg/L
APW07	Compliance	E008	01/20/2025	Fluoride, total	0.4 J	mg/L
APW07	Compliance	E008	01/20/2025	Lead, total	0.00280	mg/L
APW07	Compliance	E008	01/20/2025	Lithium, total	0.00600	mg/L
APW07	Compliance	E008	01/20/2025	Mercury, total	0.00006 U	mg/L
APW07	Compliance	E008	01/20/2025	Molybdenum, total	0.00230	mg/L
APW07	Compliance	E008	01/20/2025	Oxidation Reduction Potential	66.0	mV
APW07	Compliance	E008	01/20/2025	pH (field)	7.1	SU
APW07	Compliance	E008	01/20/2025	Radium 226 + Radium 228, total	1.71	pCi/L
APW07	Compliance	E008	01/20/2025	Selenium, total	0.0006 U	mg/L
APW07	Compliance	E008	01/20/2025	Specific Conductance @ 25C (field)	993	micromhos/cm
APW07	Compliance	E008	01/20/2025	Sulfate, total	14.8	mg/L
APW07	Compliance	E008	01/20/2025	Temperature	12.2	degrees C
APW07	Compliance	E008	01/20/2025	Thallium, total	0.001 U	mg/L
APW07	Compliance	E008	01/20/2025	Total Dissolved Solids	715	mg/L
APW07	Compliance	E008	01/20/2025	Turbidity, field	150	NTU
APW08	Compliance	E008	01/14/2025	Antimony, total	0.0004 U	mg/L
APW08	Compliance	E008	01/14/2025	Arsenic, total	0.0214	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW08	Compliance	E008	01/14/2025	Barium, total	0.450	mg/L
APW08	Compliance	E008	01/14/2025	Beryllium, total	0.0002 U	mg/L
APW08	Compliance	E008	01/14/2025	Boron, total	0.0847	mg/L
APW08	Compliance	E008	01/14/2025	Cadmium, total	0.0002 U	mg/L
APW08	Compliance	E008	01/14/2025	Calcium, total	109	mg/L
APW08	Compliance	E008	01/14/2025	Chloride, total	52.7	mg/L
APW08	Compliance	E008	01/14/2025	Chromium, total	0.0101	mg/L
APW08	Compliance	E008	01/14/2025	Cobalt, total	0.00310	mg/L
APW08	Compliance	E008	01/14/2025	Dissolved Oxygen	0.270	mg/L
APW08	Compliance	E008	01/14/2025	Fluoride, total	0.42 J	mg/L
APW08	Compliance	E008	01/14/2025	Lead, total	0.00470	mg/L
APW08	Compliance	E008	01/14/2025	Lithium, total	0.00790	mg/L
APW08	Compliance	E008	01/14/2025	Mercury, total	0.00006 U	mg/L
APW08	Compliance	E008	01/14/2025	Molybdenum, total	0.00460	mg/L
APW08	Compliance	E008	01/14/2025	Oxidation Reduction Potential	-43.0	mV
APW08	Compliance	E008	01/14/2025	pH (field)	7.1	SU
APW08	Compliance	E008	01/14/2025	Radium 226 + Radium 228, total	1.04	pCi/L
APW08	Compliance	E008	01/14/2025	Selenium, total	0.0006 U	mg/L
APW08	Compliance	E008	01/14/2025	Specific Conductance @ 25C (field)	1,940	micromhos/cm
APW08	Compliance	E008	01/14/2025	Sulfate, total	47.8	mg/L
APW08	Compliance	E008	01/14/2025	Temperature	11.9	degrees C
APW08	Compliance	E008	01/14/2025	Thallium, total	0.001 U	mg/L
APW08	Compliance	E008	01/14/2025	Total Dissolved Solids	641	mg/L
APW08	Compliance	E008	01/14/2025	Turbidity, field	59.0	NTU
APW09	Compliance	E008	01/16/2025	Antimony, total	0.0004 U	mg/L
APW09	Compliance	E008	01/16/2025	Arsenic, total	0.0290	mg/L
APW09	Compliance	E008	01/16/2025	Barium, total	0.490	mg/L
APW09	Compliance	E008	01/16/2025	Beryllium, total	0.0002 U	mg/L
APW09	Compliance	E008	01/16/2025	Boron, total	0.110	mg/L
APW09	Compliance	E008	01/16/2025	Cadmium, total	0.0002 U	mg/L
APW09	Compliance	E008	01/16/2025	Calcium, total	87.5	mg/L
APW09	Compliance	E008	01/16/2025	Chloride, total	128	mg/L
APW09	Compliance	E008	01/16/2025	Chromium, total	0.00180	mg/L
APW09	Compliance	E008	01/16/2025	Cobalt, total	0.0007 J	mg/L
APW09	Compliance	E008	01/16/2025	Dissolved Oxygen	0.480	mg/L
APW09	Compliance	E008	01/16/2025	Fluoride, total	0.46 J	mg/L
APW09	Compliance	E008	01/16/2025	Lead, total	0.00340	mg/L
APW09	Compliance	E008	01/16/2025	Lithium, total	0.00950	mg/L
APW09	Compliance	E008	01/16/2025	Mercury, total	0.00006 U	mg/L
APW09	Compliance	E008	01/16/2025	Molybdenum, total	0.00350	mg/L
APW09	Compliance	E008	01/16/2025	Oxidation Reduction Potential	-153	mV
APW09	Compliance	E008	01/16/2025	pH (field)	7.5	SU
APW09	Compliance	E008	01/16/2025	Radium 226 + Radium 228, total	1.55	pCi/L
APW09	Compliance	E008	01/16/2025	Selenium, total	0.0006 U	mg/L
APW09	Compliance	E008	01/16/2025	Specific Conductance @ 25C (field)	484	micromhos/cm
APW09	Compliance	E008	01/16/2025	Sulfate, total	14.8	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW09	Compliance	E008	01/16/2025	Temperature	13.0	degrees C
APW09	Compliance	E008	01/16/2025	Thallium, total	0.001 U	mg/L
APW09	Compliance	E008	01/16/2025	Total Dissolved Solids	780	mg/L
APW09	Compliance	E008	01/16/2025	Turbidity, field	7.90	NTU
APW10	Compliance	E008	01/15/2025	Antimony, total	0.0004 U	mg/L
APW10	Compliance	E008	01/15/2025	Arsenic, total	0.0115	mg/L
APW10	Compliance	E008	01/15/2025	Barium, total	0.0326	mg/L
APW10	Compliance	E008	01/15/2025	Beryllium, total	0.0002 U	mg/L
APW10	Compliance	E008	01/15/2025	Boron, total	0.0769	mg/L
APW10	Compliance	E008	01/15/2025	Cadmium, total	0.0002 U	mg/L
APW10	Compliance	E008	01/15/2025	Calcium, total	153	mg/L
APW10	Compliance	E008	01/15/2025	Chloride, total	41.5	mg/L
APW10	Compliance	E008	01/15/2025	Chromium, total	0.00230	mg/L
APW10	Compliance	E008	01/15/2025	Cobalt, total	0.0009 J	mg/L
APW10	Compliance	E008	01/15/2025	Dissolved Oxygen	0.0600	mg/L
APW10	Compliance	E008	01/15/2025	Fluoride, total	0.22 J	mg/L
APW10	Compliance	E008	01/15/2025	Lead, total	0.0009 J	mg/L
APW10	Compliance	E008	01/15/2025	Lithium, total	0.0231	mg/L
APW10	Compliance	E008	01/15/2025	Mercury, total	0.00006 U	mg/L
APW10	Compliance	E008	01/15/2025	Molybdenum, total	0.00710	mg/L
APW10	Compliance	E008	01/15/2025	Oxidation Reduction Potential	54.0	mV
APW10	Compliance	E008	01/15/2025	pH (field)	7.0	SU
APW10	Compliance	E008	01/15/2025	Radium 226 + Radium 228, total	0.351	pCi/L
APW10	Compliance	E008	01/15/2025	Selenium, total	0.0006 U	mg/L
APW10	Compliance	E008	01/15/2025	Specific Conductance @ 25C (field)	2,440	micromhos/cm
APW10	Compliance	E008	01/15/2025	Sulfate, total	391	mg/L
APW10	Compliance	E008	01/15/2025	Temperature	12.3	degrees C
APW10	Compliance	E008	01/15/2025	Thallium, total	0.001 U	mg/L
APW10	Compliance	E008	01/15/2025	Total Dissolved Solids	1,070	mg/L
APW10	Compliance	E008	01/15/2025	Turbidity, field	100	NTU
APW11	Compliance	E008	01/13/2025	Antimony, total	0.0004 U	mg/L
APW11	Compliance	E008	01/13/2025	Arsenic, total	0.00230	mg/L
APW11	Compliance	E008	01/13/2025	Barium, total	0.0303	mg/L
APW11	Compliance	E008	01/13/2025	Beryllium, total	0.0002 U	mg/L
APW11	Compliance	E008	01/13/2025	Boron, total	0.0552	mg/L
APW11	Compliance	E008	01/13/2025	Cadmium, total	0.0002 U	mg/L
APW11	Compliance	E008	01/13/2025	Calcium, total	122	mg/L
APW11	Compliance	E008	01/13/2025	Chloride, total	23.9	mg/L
APW11	Compliance	E008	01/13/2025	Chromium, total	0.0007 U	mg/L
APW11	Compliance	E008	01/13/2025	Cobalt, total	0.0002 J	mg/L
APW11	Compliance	E008	01/13/2025	Dissolved Oxygen	0.750	mg/L
APW11	Compliance	E008	01/13/2025	Fluoride, total	0.3 J	mg/L
APW11	Compliance	E008	01/13/2025	Lead, total	0.0006 U	mg/L
APW11	Compliance	E008	01/13/2025	Lithium, total	0.0212	mg/L
APW11	Compliance	E008	01/13/2025	Mercury, total	0.00006 U	mg/L
APW11	Compliance	E008	01/13/2025	Molybdenum, total	0.00410	mg/L

TABLE 1.
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW11	Compliance	E008	01/13/2025	Oxidation Reduction Potential	-17.0	mV
APW11	Compliance	E008	01/13/2025	pH (field)	7.3	SU
APW11	Compliance	E008	01/13/2025	Radium 226 + Radium 228, total	0.688	pCi/L
APW11	Compliance	E008	01/13/2025	Selenium, total	0.0006 U	mg/L
APW11	Compliance	E008	01/13/2025	Specific Conductance @ 25C (field)	1,080	micromhos/cm
APW11	Compliance	E008	01/13/2025	Sulfate, total	296	mg/L
APW11	Compliance	E008	01/13/2025	Temperature	12.1	degrees C
APW11	Compliance	E008	01/13/2025	Thallium, total	0.001 U	mg/L
APW11	Compliance	E008	01/13/2025	Total Dissolved Solids	792	mg/L
APW11	Compliance	E008	01/13/2025	Turbidity, field	37.0	NTU
APW12	Compliance	E008	01/13/2025	Antimony, total	0.0004 U	mg/L
APW12	Compliance	E008	01/13/2025	Arsenic, total	0.0006 J	mg/L
APW12	Compliance	E008	01/13/2025	Barium, total	0.0306	mg/L
APW12	Compliance	E008	01/13/2025	Beryllium, total	0.0002 U	mg/L
APW12	Compliance	E008	01/13/2025	Boron, total	0.889	mg/L
APW12	Compliance	E008	01/13/2025	Cadmium, total	0.0002 U	mg/L
APW12	Compliance	E008	01/13/2025	Calcium, total	253	mg/L
APW12	Compliance	E008	01/13/2025	Chloride, total	28.4	mg/L
APW12	Compliance	E008	01/13/2025	Chromium, total	0.0007 U	mg/L
APW12	Compliance	E008	01/13/2025	Cobalt, total	0.0008 J	mg/L
APW12	Compliance	E008	01/13/2025	Dissolved Oxygen	0.940	mg/L
APW12	Compliance	E008	01/13/2025	Fluoride, total	0.2 U	mg/L
APW12	Compliance	E008	01/13/2025	Lead, total	0.0006 U	mg/L
APW12	Compliance	E008	01/13/2025	Lithium, total	0.0310	mg/L
APW12	Compliance	E008	01/13/2025	Mercury, total	0.00006 U	mg/L
APW12	Compliance	E008	01/13/2025	Molybdenum, total	0.0006 U	mg/L
APW12	Compliance	E008	01/13/2025	Oxidation Reduction Potential	9.00	mV
APW12	Compliance	E008	01/13/2025	pH (field)	6.6	SU
APW12	Compliance	E008	01/13/2025	Radium 226 + Radium 228, total	0.36	pCi/L
APW12	Compliance	E008	01/13/2025	Selenium, total	0.0006 U	mg/L
APW12	Compliance	E008	01/13/2025	Specific Conductance @ 25C (field)	915	micromhos/cm
APW12	Compliance	E008	01/13/2025	Sulfate, total	845	mg/L
APW12	Compliance	E008	01/13/2025	Temperature	5.70	degrees C
APW12	Compliance	E008	01/13/2025	Thallium, total	0.001 U	mg/L
APW12	Compliance	E008	01/13/2025	Total Dissolved Solids	1,920	mg/L
APW12	Compliance	E008	01/13/2025	Turbidity, field	4.50	NTU
APW13	Compliance	E008	01/16/2025	Antimony, total	0.0004 U	mg/L
APW13	Compliance	E008	01/16/2025	Arsenic, total	0.00360	mg/L
APW13	Compliance	E008	01/16/2025	Barium, total	0.0578	mg/L
APW13	Compliance	E008	01/16/2025	Beryllium, total	0.0002 U	mg/L
APW13	Compliance	E008	01/16/2025	Boron, total	0.115	mg/L
APW13	Compliance	E008	01/16/2025	Cadmium, total	0.0002 U	mg/L
APW13	Compliance	E008	01/16/2025	Calcium, total	138	mg/L
APW13	Compliance	E008	01/16/2025	Chloride, total	47.3	mg/L
APW13	Compliance	E008	01/16/2025	Chromium, total	0.0007 U	mg/L
APW13	Compliance	E008	01/16/2025	Cobalt, total	0.0001 J	mg/L

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APW13	Compliance	E008	01/16/2025	Dissolved Oxygen	1.06	mg/L
APW13	Compliance	E008	01/16/2025	Fluoride, total	0.37 J	mg/L
APW13	Compliance	E008	01/16/2025	Lead, total	0.0006 U	mg/L
APW13	Compliance	E008	01/16/2025	Lithium, total	0.0260	mg/L
APW13	Compliance	E008	01/16/2025	Mercury, total	0.00006 U	mg/L
APW13	Compliance	E008	01/16/2025	Molybdenum, total	0.00650	mg/L
APW13	Compliance	E008	01/16/2025	Oxidation Reduction Potential	-57.0	mV
APW13	Compliance	E008	01/16/2025	pH (field)	6.9	SU
APW13	Compliance	E008	01/16/2025	Radium 226 + Radium 228, total	0.328	pCi/L
APW13	Compliance	E008	01/16/2025	Selenium, total	0.0006 U	mg/L
APW13	Compliance	E008	01/16/2025	Specific Conductance @ 25C (field)	2,320	micromhos/cm
APW13	Compliance	E008	01/16/2025	Sulfate, total	272	mg/L
APW13	Compliance	E008	01/16/2025	Temperature	11.5	degrees C
APW13	Compliance	E008	01/16/2025	Thallium, total	0.001 U	mg/L
APW13	Compliance	E008	01/16/2025	Total Dissolved Solids	974	mg/L
APW13	Compliance	E008	01/16/2025	Turbidity, field	17.0	NTU
APW14	Compliance	E008	01/16/2025	Antimony, total	0.0004 U	mg/L
APW14	Compliance	E008	01/16/2025	Arsenic, total	0.0004 U	mg/L
APW14	Compliance	E008	01/16/2025	Barium, total	0.0007 U	mg/L
APW14	Compliance	E008	01/16/2025	Beryllium, total	0.0002 U	mg/L
APW14	Compliance	E008	01/16/2025	Boron, total	0.0092 U	mg/L
APW14	Compliance	E008	01/16/2025	Cadmium, total	0.0002 U	mg/L
APW14	Compliance	E008	01/16/2025	Calcium, total	152	mg/L
APW14	Compliance	E008	01/16/2025	Chloride, total	39.2	mg/L
APW14	Compliance	E008	01/16/2025	Chromium, total	0.0007 U	mg/L
APW14	Compliance	E008	01/16/2025	Cobalt, total	0.0003 J	mg/L
APW14	Compliance	E008	01/16/2025	Dissolved Oxygen	0.360	mg/L
APW14	Compliance	E008	01/16/2025	Fluoride, total	0.26 J	mg/L
APW14	Compliance	E008	01/16/2025	Lead, total	0.0006 U	mg/L
APW14	Compliance	E008	01/16/2025	Lithium, total	0.0014 U	mg/L
APW14	Compliance	E008	01/16/2025	Mercury, total	0.00006 U	mg/L
APW14	Compliance	E008	01/16/2025	Molybdenum, total	0.0006 U	mg/L
APW14	Compliance	E008	01/16/2025	Oxidation Reduction Potential	-122	mV
APW14	Compliance	E008	01/16/2025	pH (field)	7.0	SU
APW14	Compliance	E008	01/16/2025	Radium 226 + Radium 228, total	0.481	pCi/L
APW14	Compliance	E008	01/16/2025	Selenium, total	0.0006 U	mg/L
APW14	Compliance	E008	01/16/2025	Specific Conductance @ 25C (field)	2,370	micromhos/cm
APW14	Compliance	E008	01/16/2025	Sulfate, total	349	mg/L
APW14	Compliance	E008	01/16/2025	Temperature	11.5	degrees C
APW14	Compliance	E008	01/16/2025	Thallium, total	0.001 U	mg/L
APW14	Compliance	E008	01/16/2025	Total Dissolved Solids	1,080	mg/L
APW14	Compliance	E008	01/16/2025	Turbidity, field	13.0	NTU
APW15	Compliance	E008	01/20/2025	Antimony, total	0.0004 U	mg/L
APW15	Compliance	E008	01/20/2025	Arsenic, total	0.0242	mg/L
APW15	Compliance	E008	01/20/2025	Barium, total	0.482	mg/L
APW15	Compliance	E008	01/20/2025	Beryllium, total	0.0002 U	mg/L

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NEWTON, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW15	Compliance	E008	01/20/2025	Boron, total	0.139	mg/L
APW15	Compliance	E008	01/20/2025	Cadmium, total	0.0002 U	mg/L
APW15	Compliance	E008	01/20/2025	Calcium, total	90.5	mg/L
APW15	Compliance	E008	01/20/2025	Chloride, total	234	mg/L
APW15	Compliance	E008	01/20/2025	Chromium, total	0.00230	mg/L
APW15	Compliance	E008	01/20/2025	Cobalt, total	0.0008 J	mg/L
APW15	Compliance	E008	01/20/2025	Dissolved Oxygen	0.240	mg/L
APW15	Compliance	E008	01/20/2025	Fluoride, total	0.36 J	mg/L
APW15	Compliance	E008	01/20/2025	Lead, total	0.0009 J	mg/L
APW15	Compliance	E008	01/20/2025	Lithium, total	0.00630	mg/L
APW15	Compliance	E008	01/20/2025	Mercury, total	0.00006 U	mg/L
APW15	Compliance	E008	01/20/2025	Molybdenum, total	0.00340	mg/L
APW15	Compliance	E008	01/20/2025	Oxidation Reduction Potential	-155	mV
APW15	Compliance	E008	01/20/2025	pH (field)	6.9	SU
APW15	Compliance	E008	01/20/2025	Radium 226 + Radium 228, total	5.11	pCi/L
APW15	Compliance	E008	01/20/2025	Selenium, total	0.0006 U	mg/L
APW15	Compliance	E008	01/20/2025	Specific Conductance @ 25C (field)	2,900	micromhos/cm
APW15	Compliance	E008	01/20/2025	Sulfate, total	3 U	mg/L
APW15	Compliance	E008	01/20/2025	Temperature	12.4	degrees C
APW15	Compliance	E008	01/20/2025	Thallium, total	0.001 U	mg/L
APW15	Compliance	E008	01/20/2025	Total Dissolved Solids	1,020	mg/L
APW15	Compliance	E008	01/20/2025	Turbidity, field	36.0	NTU
APW16	Compliance	E008	01/14/2025	Antimony, total	0.0004 U	mg/L
APW16	Compliance	E008	01/14/2025	Arsenic, total	0.0226	mg/L
APW16	Compliance	E008	01/14/2025	Barium, total	0.475	mg/L
APW16	Compliance	E008	01/14/2025	Beryllium, total	0.0002 U	mg/L
APW16	Compliance	E008	01/14/2025	Boron, total	0.133	mg/L
APW16	Compliance	E008	01/14/2025	Cadmium, total	0.0002 U	mg/L
APW16	Compliance	E008	01/14/2025	Calcium, total	87.6	mg/L
APW16	Compliance	E008	01/14/2025	Chloride, total	64.4	mg/L
APW16	Compliance	E008	01/14/2025	Chromium, total	0.0009 J	mg/L
APW16	Compliance	E008	01/14/2025	Cobalt, total	0.0003 J	mg/L
APW16	Compliance	E008	01/14/2025	Dissolved Oxygen	1.09	mg/L
APW16	Compliance	E008	01/14/2025	Fluoride, total	0.720	mg/L
APW16	Compliance	E008	01/14/2025	Lead, total	0.00100	mg/L
APW16	Compliance	E008	01/14/2025	Lithium, total	0.00340	mg/L
APW16	Compliance	E008	01/14/2025	Mercury, total	0.00006 U	mg/L
APW16	Compliance	E008	01/14/2025	Molybdenum, total	0.0006 U	mg/L
APW16	Compliance	E008	01/14/2025	Oxidation Reduction Potential	-126	mV
APW16	Compliance	E008	01/14/2025	pH (field)	7.2	SU
APW16	Compliance	E008	01/14/2025	Radium 226 + Radium 228, total	2.84	pCi/L
APW16	Compliance	E008	01/14/2025	Selenium, total	0.0006 U	mg/L
APW16	Compliance	E008	01/14/2025	Specific Conductance @ 25C (field)	2,160	micromhos/cm
APW16	Compliance	E008	01/14/2025	Sulfate, total	3 U	mg/L
APW16	Compliance	E008	01/14/2025	Temperature	11.9	degrees C
APW16	Compliance	E008	01/14/2025	Thallium, total	0.001 U	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW16	Compliance	E008	01/14/2025	Total Dissolved Solids	730	mg/L
APW16	Compliance	E008	01/14/2025	Turbidity, field	36.0	NTU
APW17	Compliance	E008	01/13/2025	Antimony, total	0.0004 U	mg/L
APW17	Compliance	E008	01/13/2025	Arsenic, total	0.0159	mg/L
APW17	Compliance	E008	01/13/2025	Barium, total	0.478	mg/L
APW17	Compliance	E008	01/13/2025	Beryllium, total	0.0002 U	mg/L
APW17	Compliance	E008	01/13/2025	Boron, total	0.0857	mg/L
APW17	Compliance	E008	01/13/2025	Cadmium, total	0.0002 U	mg/L
APW17	Compliance	E008	01/13/2025	Calcium, total	103	mg/L
APW17	Compliance	E008	01/13/2025	Chloride, total	50.5	mg/L
APW17	Compliance	E008	01/13/2025	Chromium, total	0.0007 U	mg/L
APW17	Compliance	E008	01/13/2025	Cobalt, total	0.0001 U	mg/L
APW17	Compliance	E008	01/13/2025	Dissolved Oxygen	0.610	mg/L
APW17	Compliance	E008	01/13/2025	Fluoride, total	0.48 J	mg/L
APW17	Compliance	E008	01/13/2025	Lead, total	0.00230	mg/L
APW17	Compliance	E008	01/13/2025	Lithium, total	0.0027 J	mg/L
APW17	Compliance	E008	01/13/2025	Mercury, total	0.00006 U	mg/L
APW17	Compliance	E008	01/13/2025	Molybdenum, total	0.00500	mg/L
APW17	Compliance	E008	01/13/2025	Oxidation Reduction Potential	1.00	mV
APW17	Compliance	E008	01/13/2025	pH (field)	7.6	SU
APW17	Compliance	E008	01/13/2025	Radium 226 + Radium 228, total	1.72	pCi/L
APW17	Compliance	E008	01/13/2025	Selenium, total	0.0006 U	mg/L
APW17	Compliance	E008	01/13/2025	Specific Conductance @ 25C (field)	617	micromhos/cm
APW17	Compliance	E008	01/13/2025	Sulfate, total	64.7	mg/L
APW17	Compliance	E008	01/13/2025	Temperature	11.6	degrees C
APW17	Compliance	E008	01/13/2025	Thallium, total	0.001 U	mg/L
APW17	Compliance	E008	01/13/2025	Total Dissolved Solids	736	mg/L
APW17	Compliance	E008	01/13/2025	Turbidity, field	15.0	NTU
APW18	Compliance	E008	01/13/2025	Antimony, total	0.0004 U	mg/L
APW18	Compliance	E008	01/13/2025	Arsenic, total	0.00180	mg/L
APW18	Compliance	E008	01/13/2025	Barium, total	0.329	mg/L
APW18	Compliance	E008	01/13/2025	Beryllium, total	0.0002 U	mg/L
APW18	Compliance	E008	01/13/2025	Boron, total	0.111	mg/L
APW18	Compliance	E008	01/13/2025	Cadmium, total	0.0002 U	mg/L
APW18	Compliance	E008	01/13/2025	Calcium, total	85.8	mg/L
APW18	Compliance	E008	01/13/2025	Chloride, total	22.4	mg/L
APW18	Compliance	E008	01/13/2025	Chromium, total	0.0007 U	mg/L
APW18	Compliance	E008	01/13/2025	Cobalt, total	0.0003 J	mg/L
APW18	Compliance	E008	01/13/2025	Dissolved Oxygen	0.490	mg/L
APW18	Compliance	E008	01/13/2025	Fluoride, total	0.530	mg/L
APW18	Compliance	E008	01/13/2025	Lead, total	0.0006 U	mg/L
APW18	Compliance	E008	01/13/2025	Lithium, total	0.00650	mg/L
APW18	Compliance	E008	01/13/2025	Mercury, total	0.00006 U	mg/L
APW18	Compliance	E008	01/13/2025	Molybdenum, total	0.00340	mg/L
APW18	Compliance	E008	01/13/2025	Oxidation Reduction Potential	-96.0	mV
APW18	Compliance	E008	01/13/2025	pH (field)	7.8	SU

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

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW18	Compliance	E008	01/13/2025	Radium 226 + Radium 228, total	0.916	pCi/L
APW18	Compliance	E008	01/13/2025	Selenium, total	0.0006 U	mg/L
APW18	Compliance	E008	01/13/2025	Specific Conductance @ 25C (field)	501	micromhos/cm
APW18	Compliance	E008	01/13/2025	Sulfate, total	40.9	mg/L
APW18	Compliance	E008	01/13/2025	Temperature	12.4	degrees C
APW18	Compliance	E008	01/13/2025	Thallium, total	0.001 U	mg/L
APW18	Compliance	E008	01/13/2025	Total Dissolved Solids	570	mg/L
APW18	Compliance	E008	01/13/2025	Turbidity, field	23.0	NTU

Notes:

C = Celsius
cm = centimeter
Events:

E008 = Quarter 1, 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.
- U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.
- SU = Standard Units

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

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

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

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

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

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

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

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

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
APW08	Compliance	E009	04/02/2025	Barium, total	0.562	mg/L
APW08	Compliance	E009	04/02/2025	Beryllium, total	0.0002 U	mg/L
APW08	Compliance	E009	04/02/2025	Boron, total	0.0939 J+	mg/L
APW08	Compliance	E009	04/02/2025	Cadmium, total	0.0002 U	mg/L
APW08	Compliance	E009	04/02/2025	Calcium, total	99.9	mg/L
APW08	Compliance	E009	04/02/2025	Chloride, total	55.6	mg/L
APW08	Compliance	E009	04/02/2025	Chromium, total	0.00340	mg/L
APW08	Compliance	E009	04/02/2025	Cobalt, total	0.0006 J	mg/L
APW08	Compliance	E009	04/02/2025	Dissolved Oxygen	0.890	mg/L
APW08	Compliance	E009	04/02/2025	Fluoride, total	0.48 J	mg/L
APW08	Compliance	E009	04/02/2025	Lead, total	0.0006 U	mg/L
APW08	Compliance	E009	04/02/2025	Lithium, total	0.00340	mg/L
APW08	Compliance	E009	04/02/2025	Mercury, total	0.00006 U	mg/L
APW08	Compliance	E009	04/02/2025	Molybdenum, total	0.00420 J+	mg/L
APW08	Compliance	E009	04/02/2025	Oxidation Reduction Potential	-144	mV
APW08	Compliance	E009	04/02/2025	pH (field)	7.3	SU
APW08	Compliance	E009	04/02/2025	Radium 226 + Radium 228, total	1.65	pCi/L
APW08	Compliance	E009	04/02/2025	Selenium, total	0.0006 U	mg/L
APW08	Compliance	E009	04/02/2025	Specific Conductance @ 25C (field)	2,370	micromhos/cm
APW08	Compliance	E009	04/02/2025	Sulfate, total	49.3	mg/L
APW08	Compliance	E009	04/02/2025	Temperature	15.0	degrees C
APW08	Compliance	E009	04/02/2025	Thallium, total	0.001 U	mg/L
APW08	Compliance	E009	04/02/2025	Total Dissolved Solids	658	mg/L
APW08	Compliance	E009	04/02/2025	Turbidity, field	130	NTU
APW09	Compliance	E009	04/02/2025	Antimony, total	0.0004 U	mg/L
APW09	Compliance	E009	04/02/2025	Arsenic, total	0.0327	mg/L
APW09	Compliance	E009	04/02/2025	Barium, total	0.511	mg/L
APW09	Compliance	E009	04/02/2025	Beryllium, total	0.00100 J	mg/L
APW09	Compliance	E009	04/02/2025	Boron, total	0.117	mg/L
APW09	Compliance	E009	04/02/2025	Cadmium, total	0.0002 U	mg/L
APW09	Compliance	E009	04/02/2025	Calcium, total	78.5	mg/L
APW09	Compliance	E009	04/02/2025	Chloride, total	140	mg/L
APW09	Compliance	E009	04/02/2025	Chromium, total	0.00520 J	mg/L
APW09	Compliance	E009	04/02/2025	Cobalt, total	0.00210	mg/L
APW09	Compliance	E009	04/02/2025	Dissolved Oxygen	0.580	mg/L
APW09	Compliance	E009	04/02/2025	Fluoride, total	0.49 J	mg/L
APW09	Compliance	E009	04/02/2025	Lead, total	0.00400	mg/L
APW09	Compliance	E009	04/02/2025	Lithium, total	0.00940	mg/L
APW09	Compliance	E009	04/02/2025	Mercury, total	0.00006 U	mg/L
APW09	Compliance	E009	04/02/2025	Molybdenum, total	0.00710 J+	mg/L
APW09	Compliance	E009	04/02/2025	Oxidation Reduction Potential	128	mV
APW09	Compliance	E009	04/02/2025	pH (field)	7.3	SU
APW09	Compliance	E009	04/02/2025	Radium 226 + Radium 228, total	1.28	pCi/L
APW09	Compliance	E009	04/02/2025	Selenium, total	0.0006 U	mg/L
APW09	Compliance	E009	04/02/2025	Specific Conductance @ 25C (field)	2,920	micromhos/cm
APW09	Compliance	E009	04/02/2025	Sulfate, total	12.8 J+	mg/L

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

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

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

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

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

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

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

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025

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NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

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

Notes:

C = Celsius
cm = centimeter
Events:

E009 = Quarter 2, 2025 sampling event

mg/L = milligrams per liter

mV = millivolts

NTU = Nephelometric Turbidity Units

pCi/L = picocuries per liter

Result Code (if applicable):

- NR¹ = Parameter not analyzed.
- NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.
- NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
- NS³ = The location was not accessible; therefore, a sample was not collected.
- NS⁴ = The location could not be found; therefore, a sample was not collected.
- NS⁵ = The location was damaged; therefore, a sample was not collected.
- NS⁶ = Sampling pump could not yield a sample.
- NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
- NS⁸ = A sample was not collected.
- PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.

Result qualifiers as defined in the United States Environmental Protection Agency’s *National Functional Guidelines for Inorganic Superfund Methods Data Review*, EPA 542-R-20-006. November 2020.:

- J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J+ = The result is an estimated quantity, but the result may be biased high.
- U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.
- UJ = The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
- SU = Standard Units

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025

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NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

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

Notes:

C = Celsius
cm = centimeter
Events:

E010 = Quarter 3, 2025 sampling event

mg/L = milligrams per liter
mV = millivolts
NTU = Nephelometric Turbidity Units
pCi/L = picocuries per liter

Result Code (if applicable):

- NR¹ = Parameter not analyzed.
- NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.
- NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
- NS³ = The location was not accessible; therefore, a sample was not collected.
- NS⁴ = The location could not be found; therefore, a sample was not collected.
- NS⁵ = The location was damaged; therefore, a sample was not collected.
- NS⁶ = Sampling pump could not yield a sample.
- NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
- NS⁸ = A sample was not collected.
- PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.

Result qualifiers as defined in the United States Environmental Protection Agency’s *National Functional Guidelines for Inorganic Superfund Methods Data Review*, EPA 542-R-20-006. November 2020.:

- J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J+ = The result is an estimated quantity, but the result may be biased high.
- U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.
- UJ = The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
- SU = Standard Units

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

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

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

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

TABLE 1.
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
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

TABLE 1.
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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

TABLE 1.
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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

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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

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

TABLE 1.
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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
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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 1, 2025
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NEWTON POWER PLANT
PRIMARY ASH POND
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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
APW02	UD	E008	Antimony, total	mg/L	02/17/21 - 01/14/25	17	94	CB around T-S line	0.000109	0.006	Standard	No Exceedance
APW02	UD	E008	Arsenic, total	mg/L	02/17/21 - 01/14/25	17	82	CI around median	0.001	0.0590	Background	No Exceedance
APW02	UD	E008	Barium, total	mg/L	02/17/21 - 01/14/25	17	0	CI around geomean	0.00929	2.0	Standard	No Exceedance
APW02	UD	E008	Beryllium, total	mg/L	02/17/21 - 01/14/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW02	UD	E008	Boron, total	mg/L	02/17/21 - 01/14/25	17	0	CI around geomean	0.0947	2	Standard	No Exceedance
APW02	UD	E008	Cadmium, total	mg/L	02/17/21 - 01/14/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW02	UD	E008	Chloride, total	mg/L	02/17/21 - 01/14/25	17	0	CI around mean	93.9	200	Standard	No Exceedance
APW02	UD	E008	Chromium, total	mg/L	02/17/21 - 01/14/25	17	82	CB around T-S line	0.000539	0.1	Standard	No Exceedance
APW02	UD	E008	Cobalt, total	mg/L	02/17/21 - 01/14/25	17	88	CB around T-S line	0.000626	0.006	Standard	No Exceedance
APW02	UD	E008	Fluoride, total	mg/L	02/17/21 - 01/14/25	17	71	CI around median	0.22	4.0	Standard	No Exceedance
APW02	UD	E008	Lead, total	mg/L	02/17/21 - 01/14/25	17	94	CI around median	0.001	0.0075	Standard	No Exceedance
APW02	UD	E008	Lithium, total	mg/L	02/17/21 - 01/14/25	17	0	CI around geomean	0.0953	0.04	Standard	Exceedance
APW02	UD	E008	Mercury, total	mg/L	02/17/21 - 01/14/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW02	UD	E008	Molybdenum, total	mg/L	02/17/21 - 01/14/25	16	50	CB around linear reg	0.00155	0.1	Standard	No Exceedance
APW02	UD	E008	pH (field)	SU	02/17/21 - 01/14/25	23	0	CI around median	6.6/6.8	6.4/9.0	Background/Standard	No Exceedance
APW02	UD	E008	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 01/14/25	16	0	CI around mean	0.319	6.90	Background	No Exceedance
APW02	UD	E008	Selenium, total	mg/L	02/17/21 - 01/14/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW02	UD	E008	Sulfate, total	mg/L	02/17/21 - 01/14/25	17	0	CI around median	2,900	400	Standard	Exceedance
APW02	UD	E008	Thallium, total	mg/L	02/17/21 - 01/14/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW02	UD	E008	Total Dissolved Solids	mg/L	02/17/21 - 01/14/25	23	0	CI around median	4,800	1,200	Standard	Exceedance
APW03	UD	E008	Antimony, total	mg/L	02/18/21 - 01/16/25	17	94	CB around T-S line	0.000122	0.006	Standard	No Exceedance
APW03	UD	E008	Arsenic, total	mg/L	02/18/21 - 01/16/25	17	100	All ND - Last	0.001	0.0590	Background	No Exceedance
APW03	UD	E008	Barium, total	mg/L	02/18/21 - 01/16/25	17	0	CB around linear reg	0.092	2.0	Standard	No Exceedance
APW03	UD	E008	Beryllium, total	mg/L	02/18/21 - 01/16/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW03	UD	E008	Boron, total	mg/L	02/18/21 - 01/16/25	17	0	CI around geomean	0.395	2	Standard	No Exceedance
APW03	UD	E008	Cadmium, total	mg/L	02/18/21 - 01/16/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW03	UD	E008	Chloride, total	mg/L	02/18/21 - 01/16/25	17	0	CI around mean	7.85	200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
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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
APW03	UD	E008	Chromium, total	mg/L	02/18/21 - 01/16/25	17	76	CB around T-S line	0.000674	0.1	Standard	No Exceedance
APW03	UD	E008	Cobalt, total	mg/L	02/18/21 - 01/16/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW03	UD	E008	Fluoride, total	mg/L	02/18/21 - 01/16/25	17	65	CI around median	0.24	4.0	Standard	No Exceedance
APW03	UD	E008	Lead, total	mg/L	02/18/21 - 01/16/25	17	94	CI around median	0.001	0.0075	Standard	No Exceedance
APW03	UD	E008	Lithium, total	mg/L	02/18/21 - 01/16/25	17	24	CB around linear reg	0.00388	0.04	Standard	No Exceedance
APW03	UD	E008	Mercury, total	mg/L	02/18/21 - 01/16/25	17	94	CI around median	0.0002	0.002	Standard	No Exceedance
APW03	UD	E008	Molybdenum, total	mg/L	02/18/21 - 01/16/25	16	44	CI around mean	0.00114	0.1	Standard	No Exceedance
APW03	UD	E008	pH (field)	SU	02/18/21 - 01/16/25	23	0	CI around mean	6.8/7.1	6.4/9.0	Background/Standard	No Exceedance
APW03	UD	E008	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 01/16/25	16	0	CI around geomean	0.223	6.90	Background	No Exceedance
APW03	UD	E008	Selenium, total	mg/L	02/18/21 - 01/16/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW03	UD	E008	Sulfate, total	mg/L	02/18/21 - 01/16/25	17	0	CB around linear reg	79.7	400	Standard	No Exceedance
APW03	UD	E008	Thallium, total	mg/L	02/18/21 - 01/16/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW03	UD	E008	Total Dissolved Solids	mg/L	02/18/21 - 01/16/25	23	0	CI around mean	622	1,200	Standard	No Exceedance
APW04	UD	E008	Antimony, total	mg/L	02/18/21 - 01/15/25	17	94	CB around T-S line	0.0000786	0.006	Standard	No Exceedance
APW04	UD	E008	Arsenic, total	mg/L	02/18/21 - 01/15/25	17	59	CI around median	0.001	0.0590	Background	No Exceedance
APW04	UD	E008	Barium, total	mg/L	02/18/21 - 01/15/25	17	0	CI around mean	0.0186	2.0	Standard	No Exceedance
APW04	UD	E008	Beryllium, total	mg/L	02/18/21 - 01/15/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW04	UD	E008	Boron, total	mg/L	02/18/21 - 01/15/25	17	6	CI around median	0.024	2	Standard	No Exceedance
APW04	UD	E008	Cadmium, total	mg/L	02/18/21 - 01/15/25	17	94	CI around median	0.001	0.005	Standard	No Exceedance
APW04	UD	E008	Chloride, total	mg/L	02/18/21 - 01/15/25	17	0	CI around mean	31.2	200	Standard	No Exceedance
APW04	UD	E008	Chromium, total	mg/L	02/18/21 - 01/15/25	17	76	CB around T-S line	0.00147	0.1	Standard	No Exceedance
APW04	UD	E008	Cobalt, total	mg/L	02/18/21 - 01/15/25	17	94	CB around T-S line	0.00051	0.006	Standard	No Exceedance
APW04	UD	E008	Fluoride, total	mg/L	02/18/21 - 01/15/25	17	71	CI around median	0.2	4.0	Standard	No Exceedance
APW04	UD	E008	Lead, total	mg/L	02/18/21 - 01/15/25	17	76	CI around median	0.001	0.0075	Standard	No Exceedance
APW04	UD	E008	Lithium, total	mg/L	02/18/21 - 01/15/25	17	18	CI around median	0.021	0.04	Standard	No Exceedance
APW04	UD	E008	Mercury, total	mg/L	02/18/21 - 01/15/25	17	94	CI around median	0.0002	0.002	Standard	No Exceedance
APW04	UD	E008	Molybdenum, total	mg/L	02/18/21 - 01/15/25	16	88	CB around T-S line	0.001	0.1	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
APW04	UD	E008	pH (field)	SU	02/18/21 - 01/15/25	23	0	CI around median	6.7/6.9	6.4/9.0	Background/Standard	No Exceedance
APW04	UD	E008	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 01/15/25	16	0	CI around mean	0.241	6.90	Background	No Exceedance
APW04	UD	E008	Selenium, total	mg/L	02/18/21 - 01/15/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW04	UD	E008	Sulfate, total	mg/L	02/18/21 - 01/15/25	17	0	CB around T-S line	566	400	Standard	Exceedance
APW04	UD	E008	Thallium, total	mg/L	02/18/21 - 01/15/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW04	UD	E008	Total Dissolved Solids	mg/L	02/18/21 - 01/15/25	23	0	CI around median	1,700	1,200	Standard	Exceedance
APW05S	UD	E008	Antimony, total	mg/L	02/17/21 - 01/15/25	16	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW05S	UD	E008	Arsenic, total	mg/L	02/17/21 - 01/15/25	16	50	CI around median	0.001	0.0590	Background	No Exceedance
APW05S	UD	E008	Barium, total	mg/L	02/17/21 - 01/15/25	16	0	CB around T-S line	0.0183	2.0	Standard	No Exceedance
APW05S	UD	E008	Beryllium, total	mg/L	02/17/21 - 01/15/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW05S	UD	E008	Boron, total	mg/L	02/17/21 - 01/15/25	16	0	CI around median	0.039	2	Standard	No Exceedance
APW05S	UD	E008	Cadmium, total	mg/L	02/17/21 - 01/15/25	16	94	CI around median	0.001	0.005	Standard	No Exceedance
APW05S	UD	E008	Chloride, total	mg/L	02/17/21 - 01/15/25	16	0	CB around T-S line	-8.16	200	Standard	No Exceedance
APW05S	UD	E008	Chromium, total	mg/L	02/17/21 - 01/15/25	16	81	CB around T-S line	0.000245	0.1	Standard	No Exceedance
APW05S	UD	E008	Cobalt, total	mg/L	02/17/21 - 01/15/25	16	44	CB around T-S line	-0.00107	0.006	Standard	No Exceedance
APW05S	UD	E008	Fluoride, total	mg/L	02/17/21 - 01/15/25	16	12	CI around mean	0.332	4.0	Standard	No Exceedance
APW05S	UD	E008	Lead, total	mg/L	02/17/21 - 01/15/25	16	94	CI around median	0.001	0.0075	Standard	No Exceedance
APW05S	UD	E008	Lithium, total	mg/L	02/17/21 - 01/15/25	16	0	CI around median	0.0366	0.04	Standard	No Exceedance
APW05S	UD	E008	Mercury, total	mg/L	02/17/21 - 01/15/25	16	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW05S	UD	E008	Molybdenum, total	mg/L	02/17/21 - 01/15/25	15	40	CI around median	0.0013	0.1	Standard	No Exceedance
APW05S	UD	E008	pH (field)	SU	02/17/21 - 01/15/25	16	0	CI around mean	6.6/6.9	6.4/9.0	Background/Standard	No Exceedance
APW05S	UD	E008	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 01/15/25	15	0	CI around geomean	0.249	6.90	Background	No Exceedance
APW05S	UD	E008	Selenium, total	mg/L	02/17/21 - 01/15/25	16	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW05S	UD	E008	Sulfate, total	mg/L	02/17/21 - 01/15/25	16	0	CI around median	1,700	400	Standard	Exceedance
APW05S	UD	E008	Thallium, total	mg/L	02/17/21 - 01/15/25	16	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW05S	UD	E008	Total Dissolved Solids	mg/L	02/17/21 - 01/15/25	16	0	CI around mean	3,330	1,200	Standard	Exceedance
APW07	UA	E008	Antimony, total	mg/L	12/15/15 - 01/20/25	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance

TABLE 2.
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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	E008	Arsenic, total	mg/L	12/15/15 - 01/20/25	19	0	CB around linear reg	0.011	0.0590	Background	No Exceedance
APW07	UA	E008	Barium, total	mg/L	12/15/15 - 01/20/25	19	0	CB around T-S line	0.45	2.0	Standard	No Exceedance
APW07	UA	E008	Beryllium, total	mg/L	12/15/15 - 01/20/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW07	UA	E008	Boron, total	mg/L	12/15/15 - 01/20/25	29	0	CI around median	0.0769	2	Standard	No Exceedance
APW07	UA	E008	Cadmium, total	mg/L	12/15/15 - 01/20/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW07	UA	E008	Chloride, total	mg/L	12/15/15 - 01/20/25	32	0	CB around T-S line	55.2	200	Standard	No Exceedance
APW07	UA	E008	Chromium, total	mg/L	12/15/15 - 01/20/25	19	53	CI around median	0.0031	0.1	Standard	No Exceedance
APW07	UA	E008	Cobalt, total	mg/L	12/15/15 - 01/20/25	18	78	CI around median	0.001	0.006	Standard	No Exceedance
APW07	UA	E008	Fluoride, total	mg/L	12/15/15 - 01/20/25	29	10	CI around mean	0.36	4.0	Standard	No Exceedance
APW07	UA	E008	Lead, total	mg/L	12/15/15 - 01/20/25	19	63	CI around median	0.001	0.0075	Standard	No Exceedance
APW07	UA	E008	Lithium, total	mg/L	12/15/15 - 01/20/25	19	68	CI around median	0.0042	0.04	Standard	No Exceedance
APW07	UA	E008	Mercury, total	mg/L	12/15/15 - 01/20/25	19	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW07	UA	E008	Molybdenum, total	mg/L	12/15/15 - 01/20/25	18	0	CI around mean	0.00299	0.1	Standard	No Exceedance
APW07	UA	E008	pH (field)	SU	12/15/15 - 01/20/25	31	0	CI around mean	7.2/7.3	6.4/9.0	Background/Standard	No Exceedance
APW07	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 01/20/25	19	0	CI around mean	1.46	6.90	Background	No Exceedance
APW07	UA	E008	Selenium, total	mg/L	12/15/15 - 01/20/25	19	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW07	UA	E008	Sulfate, total	mg/L	12/15/15 - 01/20/25	30	13	CB around T-S line	13.9	400	Standard	No Exceedance
APW07	UA	E008	Thallium, total	mg/L	12/15/15 - 01/20/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW07	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 01/20/25	29	0	CB around T-S line	556	1,200	Standard	No Exceedance
APW08	UA	E008	Antimony, total	mg/L	12/15/15 - 01/14/25	18	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW08	UA	E008	Arsenic, total	mg/L	12/15/15 - 01/14/25	19	0	CB around linear reg	0.0213	0.0590	Background	No Exceedance
APW08	UA	E008	Barium, total	mg/L	12/15/15 - 01/14/25	19	0	CB around T-S line	0.455	2.0	Standard	No Exceedance
APW08	UA	E008	Beryllium, total	mg/L	12/15/15 - 01/14/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW08	UA	E008	Boron, total	mg/L	12/15/15 - 01/14/25	29	0	CI around median	0.083	2	Standard	No Exceedance
APW08	UA	E008	Cadmium, total	mg/L	12/15/15 - 01/14/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW08	UA	E008	Chloride, total	mg/L	12/15/15 - 01/14/25	31	0	CI around mean	55	200	Standard	No Exceedance
APW08	UA	E008	Chromium, total	mg/L	12/15/15 - 01/14/25	19	53	CI around median	0.0037	0.1	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
APW08	UA	E008	Cobalt, total	mg/L	12/15/15 - 01/14/25	18	67	CI around median	0.001	0.006	Standard	No Exceedance
APW08	UA	E008	Fluoride, total	mg/L	12/15/15 - 01/14/25	29	14	CI around median	0.393	4.0	Standard	No Exceedance
APW08	UA	E008	Lead, total	mg/L	12/15/15 - 01/14/25	19	58	CI around median	0.001	0.0075	Standard	No Exceedance
APW08	UA	E008	Lithium, total	mg/L	12/15/15 - 01/14/25	19	58	CI around median	0.0035	0.04	Standard	No Exceedance
APW08	UA	E008	Mercury, total	mg/L	12/15/15 - 01/14/25	19	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW08	UA	E008	Molybdenum, total	mg/L	12/15/15 - 01/14/25	18	0	CI around mean	0.00473	0.1	Standard	No Exceedance
APW08	UA	E008	pH (field)	SU	12/15/15 - 01/14/25	32	0	CI around mean	7.2/7.4	6.4/9.0	Background/Standard	No Exceedance
APW08	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 01/14/25	19	0	CI around geomean	0.924	6.90	Background	No Exceedance
APW08	UA	E008	Selenium, total	mg/L	12/15/15 - 01/14/25	19	95	CI around median	0.001	0.05	Standard	No Exceedance
APW08	UA	E008	Sulfate, total	mg/L	12/15/15 - 01/14/25	31	0	CB around linear reg	50.3	400	Standard	No Exceedance
APW08	UA	E008	Thallium, total	mg/L	12/15/15 - 01/14/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW08	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 01/14/25	29	0	CB around linear reg	609	1,200	Standard	No Exceedance
APW09	UA	E008	Antimony, total	mg/L	12/15/15 - 01/16/25	18	94	CB around T-S line	0.000658	0.006	Standard	No Exceedance
APW09	UA	E008	Arsenic, total	mg/L	12/15/15 - 01/16/25	19	0	CB around linear reg	0.0248	0.0590	Background	No Exceedance
APW09	UA	E008	Barium, total	mg/L	12/15/15 - 01/16/25	19	0	CI around mean	0.34	2.0	Standard	No Exceedance
APW09	UA	E008	Beryllium, total	mg/L	12/15/15 - 01/16/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW09	UA	E008	Boron, total	mg/L	12/15/15 - 01/16/25	29	0	CB around linear reg	0.098	2	Standard	No Exceedance
APW09	UA	E008	Cadmium, total	mg/L	12/15/15 - 01/16/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW09	UA	E008	Chloride, total	mg/L	12/15/15 - 01/16/25	31	0	CB around T-S line	127	200	Standard	No Exceedance
APW09	UA	E008	Chromium, total	mg/L	12/15/15 - 01/16/25	19	63	CI around median	0.0018	0.1	Standard	No Exceedance
APW09	UA	E008	Cobalt, total	mg/L	12/15/15 - 01/16/25	18	89	CB around T-S line	0.000819	0.006	Standard	No Exceedance
APW09	UA	E008	Fluoride, total	mg/L	12/15/15 - 01/16/25	30	10	CB around linear reg	0.264	4.0	Standard	No Exceedance
APW09	UA	E008	Lead, total	mg/L	12/15/15 - 01/16/25	19	58	CI around median	0.001	0.0075	Standard	No Exceedance
APW09	UA	E008	Lithium, total	mg/L	12/15/15 - 01/16/25	19	63	CI around median	0.0088	0.04	Standard	No Exceedance
APW09	UA	E008	Mercury, total	mg/L	12/15/15 - 01/16/25	19	90	CI around median	0.0002	0.002	Standard	No Exceedance
APW09	UA	E008	Molybdenum, total	mg/L	12/15/15 - 01/16/25	18	0	CB around linear reg	-0.00209	0.1	Standard	No Exceedance
APW09	UA	E008	pH (field)	SU	12/15/15 - 01/16/25	31	0	CI around median	7.4/7.5	6.4/9.0	Background/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
APW09	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 01/16/25	19	0	CI around geomean	0.995	6.90	Background	No Exceedance
APW09	UA	E008	Selenium, total	mg/L	12/15/15 - 01/16/25	19	95	CI around median	0.001	0.05	Standard	No Exceedance
APW09	UA	E008	Sulfate, total	mg/L	12/15/15 - 01/16/25	31	13	CI around geomean	5.81	400	Standard	No Exceedance
APW09	UA	E008	Thallium, total	mg/L	12/15/15 - 01/16/25	18	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW09	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 01/16/25	30	0	CB around T-S line	797	1,200	Standard	No Exceedance
APW10	UA	E008	Antimony, total	mg/L	12/16/15 - 01/15/25	20	95	CB around T-S line	0.000645	0.006	Standard	No Exceedance
APW10	UA	E008	Arsenic, total	mg/L	12/16/15 - 01/15/25	21	5	CI around mean	0.0064	0.0590	Background	No Exceedance
APW10	UA	E008	Barium, total	mg/L	12/16/15 - 01/15/25	21	0	CI around mean	0.0289	2.0	Standard	No Exceedance
APW10	UA	E008	Beryllium, total	mg/L	12/16/15 - 01/15/25	20	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW10	UA	E008	Boron, total	mg/L	12/16/15 - 01/15/25	31	0	CI around median	0.0702	2	Standard	No Exceedance
APW10	UA	E008	Cadmium, total	mg/L	12/16/15 - 01/15/25	20	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW10	UA	E008	Chloride, total	mg/L	12/16/15 - 01/15/25	32	0	CB around linear reg	40.6	200	Standard	No Exceedance
APW10	UA	E008	Chromium, total	mg/L	12/16/15 - 01/15/25	21	81	CB around T-S line	0.00188	0.1	Standard	No Exceedance
APW10	UA	E008	Cobalt, total	mg/L	12/16/15 - 01/15/25	20	90	CB around T-S line	0.000838	0.006	Standard	No Exceedance
APW10	UA	E008	Fluoride, total	mg/L	12/16/15 - 01/15/25	31	23	CI around mean	0.262	4.0	Standard	No Exceedance
APW10	UA	E008	Lead, total	mg/L	12/16/15 - 01/15/25	21	86	CI around median	0.001	0.0075	Standard	No Exceedance
APW10	UA	E008	Lithium, total	mg/L	12/16/15 - 01/15/25	21	5	CI around mean	0.0202	0.04	Standard	No Exceedance
APW10	UA	E008	Mercury, total	mg/L	12/16/15 - 01/15/25	21	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW10	UA	E008	Molybdenum, total	mg/L	12/16/15 - 01/15/25	20	5	CB around T-S line	0.00407	0.1	Standard	No Exceedance
APW10	UA	E008	pH (field)	SU	12/16/15 - 01/15/25	34	0	CI around mean	7.1/7.2	6.4/9.0	Background/Standard	No Exceedance
APW10	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/16/15 - 01/15/25	21	0	CI around geomean	0.389	6.90	Background	No Exceedance
APW10	UA	E008	Selenium, total	mg/L	12/16/15 - 01/15/25	21	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW10	UA	E008	Sulfate, total	mg/L	12/16/15 - 01/15/25	33	0	CI around median	410	400	Standard	Exceedance
APW10	UA	E008	Thallium, total	mg/L	12/16/15 - 01/15/25	20	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW10	UA	E008	Total Dissolved Solids	mg/L	12/16/15 - 01/15/25	33	0	CB around T-S line	1,040	1,200	Standard	No Exceedance
APW11	UA	E008	Antimony, total	mg/L	02/18/21 - 01/13/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW11	UA	E008	Arsenic, total	mg/L	02/18/21 - 01/13/25	17	0	CI around mean	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	E008	Barium, total	mg/L	02/18/21 - 01/13/25	17	0	CB around T-S line	-0.122	2.0	Standard	No Exceedance
APW11	UA	E008	Beryllium, total	mg/L	02/18/21 - 01/13/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW11	UA	E008	Boron, total	mg/L	02/18/21 - 01/13/25	17	0	CI around median	0.0628	2	Standard	No Exceedance
APW11	UA	E008	Cadmium, total	mg/L	02/18/21 - 01/13/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW11	UA	E008	Chloride, total	mg/L	02/18/21 - 01/13/25	17	0	CB around T-S line	16.4	200	Standard	No Exceedance
APW11	UA	E008	Chromium, total	mg/L	02/18/21 - 01/13/25	17	65	CB around T-S line	-0.00238	0.1	Standard	No Exceedance
APW11	UA	E008	Cobalt, total	mg/L	02/18/21 - 01/13/25	17	71	CB around T-S line	0.000148	0.006	Standard	No Exceedance
APW11	UA	E008	Fluoride, total	mg/L	02/18/21 - 01/13/25	17	41	CB around T-S line	0.266	4.0	Standard	No Exceedance
APW11	UA	E008	Lead, total	mg/L	02/18/21 - 01/13/25	17	59	CI around median	0.001	0.0075	Standard	No Exceedance
APW11	UA	E008	Lithium, total	mg/L	02/18/21 - 01/13/25	17	6	CI around mean	0.02	0.04	Standard	No Exceedance
APW11	UA	E008	Mercury, total	mg/L	02/18/21 - 01/13/25	17	82	CI around median	0.0002	0.002	Standard	No Exceedance
APW11	UA	E008	Molybdenum, total	mg/L	02/18/21 - 01/13/25	16	0	CB around T-S line	-0.00634	0.1	Standard	No Exceedance
APW11	UA	E008	pH (field)	SU	02/18/21 - 01/13/25	17	0	CI around median	7.0/7.3	6.4/9.0	Background/Standard	No Exceedance
APW11	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 01/13/25	16	0	CI around geomean	0.647	6.90	Background	No Exceedance
APW11	UA	E008	Selenium, total	mg/L	02/18/21 - 01/13/25	17	82	CI around median	0.001	0.05	Standard	No Exceedance
APW11	UA	E008	Sulfate, total	mg/L	02/18/21 - 01/13/25	17	0	CI around median	270	400	Standard	No Exceedance
APW11	UA	E008	Thallium, total	mg/L	02/18/21 - 01/13/25	17	94	CB around T-S line	0.001	0.002	Standard	No Exceedance
APW11	UA	E008	Total Dissolved Solids	mg/L	02/18/21 - 01/13/25	17	0	CI around mean	809	1,200	Standard	No Exceedance
APW12	UD	E008	Antimony, total	mg/L	02/17/21 - 01/13/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW12	UD	E008	Arsenic, total	mg/L	02/17/21 - 01/13/25	17	41	CB around linear reg	0.000417	0.0590	Background	No Exceedance
APW12	UD	E008	Barium, total	mg/L	02/17/21 - 01/13/25	17	0	CB around linear reg	0.023	2.0	Standard	No Exceedance
APW12	UD	E008	Beryllium, total	mg/L	02/17/21 - 01/13/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW12	UD	E008	Boron, total	mg/L	02/17/21 - 01/13/25	17	0	CB around linear reg	0.756	2	Standard	No Exceedance
APW12	UD	E008	Cadmium, total	mg/L	02/17/21 - 01/13/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW12	UD	E008	Chloride, total	mg/L	02/17/21 - 01/13/25	17	0	CI around mean	23.7	200	Standard	No Exceedance
APW12	UD	E008	Chromium, total	mg/L	02/17/21 - 01/13/25	17	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
APW12	UD	E008	Cobalt, total	mg/L	02/17/21 - 01/13/25	17	29	CB around linear reg	-0.00156	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	E008	Fluoride, total	mg/L	02/17/21 - 01/13/25	17	71	CI around median	0.18	4.0	Standard	No Exceedance
APW12	UD	E008	Lead, total	mg/L	02/17/21 - 01/13/25	17	94	CI around median	0.001	0.0075	Standard	No Exceedance
APW12	UD	E008	Lithium, total	mg/L	02/17/21 - 01/13/25	17	0	CI around mean	0.0281	0.04	Standard	No Exceedance
APW12	UD	E008	Mercury, total	mg/L	02/17/21 - 01/13/25	17	94	CI around median	0.0002	0.002	Standard	No Exceedance
APW12	UD	E008	Molybdenum, total	mg/L	02/17/21 - 01/13/25	16	69	CI around median	0.001	0.1	Standard	No Exceedance
APW12	UD	E008	pH (field)	SU	02/17/21 - 01/13/25	17	0	CI around median	6.3/6.5	6.4/9.0	Background/Standard	No Exceedance
APW12	UD	E008	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 01/13/25	16	0	CI around mean	0.304	6.90	Background	No Exceedance
APW12	UD	E008	Selenium, total	mg/L	02/17/21 - 01/13/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW12	UD	E008	Sulfate, total	mg/L	02/17/21 - 01/13/25	17	0	CB around T-S line	407	400	Standard	Exceedance
APW12	UD	E008	Thallium, total	mg/L	02/17/21 - 01/13/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW12	UD	E008	Total Dissolved Solids	mg/L	02/17/21 - 01/13/25	17	0	CB around linear reg	1,710	1,200	Standard	Exceedance
APW13	UA	E008	Antimony, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW13	UA	E008	Arsenic, total	mg/L	02/22/21 - 01/16/25	17	0	CI around mean	0.00379	0.0590	Background	No Exceedance
APW13	UA	E008	Barium, total	mg/L	02/22/21 - 01/16/25	17	0	CI around median	0.0505	2.0	Standard	No Exceedance
APW13	UA	E008	Beryllium, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW13	UA	E008	Boron, total	mg/L	02/22/21 - 01/16/25	17	0	CI around mean	0.108	2	Standard	No Exceedance
APW13	UA	E008	Cadmium, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW13	UA	E008	Chloride, total	mg/L	02/22/21 - 01/16/25	17	0	CI around mean	48.6	200	Standard	No Exceedance
APW13	UA	E008	Chromium, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
APW13	UA	E008	Cobalt, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW13	UA	E008	Fluoride, total	mg/L	02/22/21 - 01/16/25	17	18	CI around mean	0.362	4.0	Standard	No Exceedance
APW13	UA	E008	Lead, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.001	0.0075	Standard	No Exceedance
APW13	UA	E008	Lithium, total	mg/L	02/22/21 - 01/16/25	17	0	CI around mean	0.0263	0.04	Standard	No Exceedance
APW13	UA	E008	Mercury, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW13	UA	E008	Molybdenum, total	mg/L	02/22/21 - 01/16/25	16	0	CB around linear reg	0.00273	0.1	Standard	No Exceedance
APW13	UA	E008	pH (field)	SU	02/22/21 - 01/16/25	17	0	CI around mean	7.0/7.3	6.4/9.0	Background/Standard	No Exceedance
APW13	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 01/16/25	16	0	CI around mean	0.409	6.90	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
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NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
APW13	UA	E008	Selenium, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW13	UA	E008	Sulfate, total	mg/L	02/22/21 - 01/16/25	17	0	CB around linear reg	250	400	Standard	No Exceedance
APW13	UA	E008	Thallium, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW13	UA	E008	Total Dissolved Solids	mg/L	02/22/21 - 01/16/25	17	0	CB around linear reg	877	1,200	Standard	No Exceedance
APW14	UA	E008	Antimony, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW14	UA	E008	Arsenic, total	mg/L	02/22/21 - 01/16/25	17	6	CI around mean	0.00529	0.0590	Background	No Exceedance
APW14	UA	E008	Barium, total	mg/L	02/22/21 - 01/16/25	17	6	CB around linear reg	0.0139	2.0	Standard	No Exceedance
APW14	UA	E008	Beryllium, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW14	UA	E008	Boron, total	mg/L	02/22/21 - 01/16/25	17	6	CB around T-S line	0.0183	2	Standard	No Exceedance
APW14	UA	E008	Cadmium, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW14	UA	E008	Chloride, total	mg/L	02/22/21 - 01/16/25	17	0	CB around linear reg	31.9	200	Standard	No Exceedance
APW14	UA	E008	Chromium, total	mg/L	02/22/21 - 01/16/25	17	88	CB around T-S line	0.0000732	0.1	Standard	No Exceedance
APW14	UA	E008	Cobalt, total	mg/L	02/22/21 - 01/16/25	17	94	CB around T-S line	0.000472	0.006	Standard	No Exceedance
APW14	UA	E008	Fluoride, total	mg/L	02/22/21 - 01/16/25	17	29	CI around mean	0.288	4.0	Standard	No Exceedance
APW14	UA	E008	Lead, total	mg/L	02/22/21 - 01/16/25	17	82	CI around median	0.001	0.0075	Standard	No Exceedance
APW14	UA	E008	Lithium, total	mg/L	02/22/21 - 01/16/25	17	18	CB around linear reg	0.00352	0.04	Standard	No Exceedance
APW14	UA	E008	Mercury, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW14	UA	E008	Molybdenum, total	mg/L	02/22/21 - 01/16/25	16	6	CB around linear reg	-0.000113	0.1	Standard	No Exceedance
APW14	UA	E008	pH (field)	SU	02/22/21 - 01/16/25	17	0	CB around T-S line	6.9/7.1	6.4/9.0	Background/Standard	No Exceedance
APW14	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 01/16/25	16	0	CI around mean	0.496	6.90	Background	No Exceedance
APW14	UA	E008	Selenium, total	mg/L	02/22/21 - 01/16/25	17	94	Most recent sample	0.001	0.05	Standard	No Exceedance
APW14	UA	E008	Sulfate, total	mg/L	02/22/21 - 01/16/25	17	0	CB around linear reg	358	400	Standard	No Exceedance
APW14	UA	E008	Thallium, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW14	UA	E008	Total Dissolved Solids	mg/L	02/22/21 - 01/16/25	17	0	CI around mean	925	1,200	Standard	No Exceedance
APW15	UA	E008	Antimony, total	mg/L	02/23/21 - 01/20/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW15	UA	E008	Arsenic, total	mg/L	02/23/21 - 01/20/25	17	0	CB around linear reg	0.025	0.0590	Background	No Exceedance
APW15	UA	E008	Barium, total	mg/L	02/23/21 - 01/20/25	17	0	CI around mean	0.56	2.0	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
APW15	UA	E008	Beryllium, total	mg/L	02/23/21 - 01/20/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW15	UA	E008	Boron, total	mg/L	02/23/21 - 01/20/25	17	0	CI around mean	0.125	2	Standard	No Exceedance
APW15	UA	E008	Cadmium, total	mg/L	02/23/21 - 01/20/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW15	UA	E008	Chloride, total	mg/L	02/23/21 - 01/20/25	17	0	CI around median	230	200	Standard	Exceedance
APW15	UA	E008	Chromium, total	mg/L	02/23/21 - 01/20/25	17	47	CI around median	0.004	0.1	Standard	No Exceedance
APW15	UA	E008	Cobalt, total	mg/L	02/23/21 - 01/20/25	17	53	CB around T-S line	0.00107	0.006	Standard	No Exceedance
APW15	UA	E008	Fluoride, total	mg/L	02/23/21 - 01/20/25	17	12	CI around geomean	0.455	4.0	Standard	No Exceedance
APW15	UA	E008	Lead, total	mg/L	02/23/21 - 01/20/25	17	35	CI around median	0.001	0.0075	Standard	No Exceedance
APW15	UA	E008	Lithium, total	mg/L	02/23/21 - 01/20/25	17	47	CB around linear reg	0.00133	0.04	Standard	No Exceedance
APW15	UA	E008	Mercury, total	mg/L	02/23/21 - 01/20/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW15	UA	E008	Molybdenum, total	mg/L	02/23/21 - 01/20/25	16	0	CB around linear reg	0.000606	0.1	Standard	No Exceedance
APW15	UA	E008	pH (field)	SU	02/23/21 - 01/20/25	17	0	CI around mean	7.0/7.2	6.4/9.0	Background/Standard	No Exceedance
APW15	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 01/20/25	16	0	CI around mean	1.76	6.90	Background	No Exceedance
APW15	UA	E008	Selenium, total	mg/L	02/23/21 - 01/20/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW15	UA	E008	Sulfate, total	mg/L	02/23/21 - 01/20/25	17	76	CB around T-S line	1	400	Standard	No Exceedance
APW15	UA	E008	Thallium, total	mg/L	02/23/21 - 01/20/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW15	UA	E008	Total Dissolved Solids	mg/L	02/23/21 - 01/20/25	17	0	CI around median	1,000	1,200	Standard	No Exceedance
APW16	UA	E008	Antimony, total	mg/L	02/23/21 - 01/14/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW16	UA	E008	Arsenic, total	mg/L	02/23/21 - 01/14/25	17	0	CB around linear reg	0.0222	0.0590	Background	No Exceedance
APW16	UA	E008	Barium, total	mg/L	02/23/21 - 01/14/25	17	0	CB around linear reg	0.477	2.0	Standard	No Exceedance
APW16	UA	E008	Beryllium, total	mg/L	02/23/21 - 01/14/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW16	UA	E008	Boron, total	mg/L	02/23/21 - 01/14/25	17	0	CI around mean	0.128	2	Standard	No Exceedance
APW16	UA	E008	Cadmium, total	mg/L	02/23/21 - 01/14/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW16	UA	E008	Chloride, total	mg/L	02/23/21 - 01/14/25	17	0	CI around mean	66.2	200	Standard	No Exceedance
APW16	UA	E008	Chromium, total	mg/L	02/23/21 - 01/14/25	17	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
APW16	UA	E008	Cobalt, total	mg/L	02/23/21 - 01/14/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW16	UA	E008	Fluoride, total	mg/L	02/23/21 - 01/14/25	17	0	CI around mean	0.663	4.0	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
APW16	UA	E008	Lead, total	mg/L	02/23/21 - 01/14/25	17	94	Most recent sample	0.001	0.0075	Standard	No Exceedance
APW16	UA	E008	Lithium, total	mg/L	02/23/21 - 01/14/25	17	82	CB around T-S line	-0.00502	0.04	Standard	No Exceedance
APW16	UA	E008	Mercury, total	mg/L	02/23/21 - 01/14/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW16	UA	E008	Molybdenum, total	mg/L	02/23/21 - 01/14/25	16	69	CI around median	0.001	0.1	Standard	No Exceedance
APW16	UA	E008	pH (field)	SU	02/23/21 - 01/14/25	17	0	CI around mean	7.2/7.5	6.4/9.0	Background/Standard	No Exceedance
APW16	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 01/14/25	16	0	CI around geomean	1.55	6.90	Background	No Exceedance
APW16	UA	E008	Selenium, total	mg/L	02/23/21 - 01/14/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
APW16	UA	E008	Sulfate, total	mg/L	02/23/21 - 01/14/25	17	76	CB around T-S line	1	400	Standard	No Exceedance
APW16	UA	E008	Thallium, total	mg/L	02/23/21 - 01/14/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW16	UA	E008	Total Dissolved Solids	mg/L	02/23/21 - 01/14/25	17	0	CI around median	705	1,200	Standard	No Exceedance
APW17	UA	E008	Antimony, total	mg/L	02/23/21 - 01/13/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW17	UA	E008	Arsenic, total	mg/L	02/23/21 - 01/13/25	17	0	CB around linear reg	0.0215	0.0590	Background	No Exceedance
APW17	UA	E008	Barium, total	mg/L	02/23/21 - 01/13/25	17	0	CI around mean	0.561	2.0	Standard	No Exceedance
APW17	UA	E008	Beryllium, total	mg/L	02/23/21 - 01/13/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
APW17	UA	E008	Boron, total	mg/L	02/23/21 - 01/13/25	17	0	CI around geomean	0.0812	2	Standard	No Exceedance
APW17	UA	E008	Cadmium, total	mg/L	02/23/21 - 01/13/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
APW17	UA	E008	Chloride, total	mg/L	02/23/21 - 01/13/25	17	0	CI around median	51	200	Standard	No Exceedance
APW17	UA	E008	Chromium, total	mg/L	02/23/21 - 01/13/25	17	100	All ND - Last	0.0015	0.1	Standard	No Exceedance
APW17	UA	E008	Cobalt, total	mg/L	02/23/21 - 01/13/25	17	100	All ND - Last	0.001	0.006	Standard	No Exceedance
APW17	UA	E008	Fluoride, total	mg/L	02/23/21 - 01/13/25	17	12	CI around mean	0.409	4.0	Standard	No Exceedance
APW17	UA	E008	Lead, total	mg/L	02/23/21 - 01/13/25	17	94	CI around median	0.001	0.0075	Standard	No Exceedance
APW17	UA	E008	Lithium, total	mg/L	02/23/21 - 01/13/25	17	94	CB around T-S line	-0.00507	0.04	Standard	No Exceedance
APW17	UA	E008	Mercury, total	mg/L	02/23/21 - 01/13/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
APW17	UA	E008	Molybdenum, total	mg/L	02/23/21 - 01/13/25	16	0	CI around median	0.0048	0.1	Standard	No Exceedance
APW17	UA	E008	pH (field)	SU	02/23/21 - 01/13/25	17	0	CI around mean	7.2/7.5	6.4/9.0	Background/Standard	No Exceedance
APW17	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 01/13/25	16	0	CI around mean	1.21	6.90	Background	No Exceedance
APW17	UA	E008	Selenium, total	mg/L	02/23/21 - 01/13/25	17	100	All ND - Last	0.001	0.05	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
APW17	UA	E008	Sulfate, total	mg/L	02/23/21 - 01/13/25	17	6	CB around T-S line	62.7	400	Standard	No Exceedance
APW17	UA	E008	Thallium, total	mg/L	02/23/21 - 01/13/25	17	100	All ND - Last	0.002	0.002	Standard	No Exceedance
APW17	UA	E008	Total Dissolved Solids	mg/L	02/23/21 - 01/13/25	17	0	CI around mean	646	1,200	Standard	No Exceedance
APW18	UA	E008	Antimony, total	mg/L	02/23/21 - 01/13/25	17	94	CB around T-S line	-0.0000131	0.006	Standard	No Exceedance
APW18	UA	E008	Arsenic, total	mg/L	02/23/21 - 01/13/25	17	6	CI around mean	0.00179	0.0590	Background	No Exceedance
APW18	UA	E008	Barium, total	mg/L	02/23/21 - 01/13/25	17	0	CI around median	0.34	2.0	Standard	No Exceedance
APW18	UA	E008	Beryllium, total	mg/L	02/23/21 - 01/13/25	17	94	CI around median	0.001	0.004	Standard	No Exceedance
APW18	UA	E008	Boron, total	mg/L	02/23/21 - 01/13/25	17	0	CI around geomean	0.107	2	Standard	No Exceedance
APW18	UA	E008	Cadmium, total	mg/L	02/23/21 - 01/13/25	17	94	CI around median	0.001	0.005	Standard	No Exceedance
APW18	UA	E008	Chloride, total	mg/L	02/23/21 - 01/13/25	17	0	CB around T-S line	-50.8	200	Standard	No Exceedance
APW18	UA	E008	Chromium, total	mg/L	02/23/21 - 01/13/25	17	76	CB around T-S line	-0.00352	0.1	Standard	No Exceedance
APW18	UA	E008	Cobalt, total	mg/L	02/23/21 - 01/13/25	17	82	CB around T-S line	-0.000313	0.006	Standard	No Exceedance
APW18	UA	E008	Fluoride, total	mg/L	02/23/21 - 01/13/25	17	6	CB around linear reg	-3.02	4.0	Standard	No Exceedance
APW18	UA	E008	Lead, total	mg/L	02/23/21 - 01/13/25	17	65	CB around T-S line	-0.00858	0.0075	Standard	No Exceedance
APW18	UA	E008	Lithium, total	mg/L	02/23/21 - 01/13/25	17	59	CB around T-S line	0.000736	0.04	Standard	No Exceedance
APW18	UA	E008	Mercury, total	mg/L	02/23/21 - 01/13/25	17	94	CI around median	0.0002	0.002	Standard	No Exceedance
APW18	UA	E008	Molybdenum, total	mg/L	02/23/21 - 01/13/25	16	0	CB around T-S line	-0.0339	0.1	Standard	No Exceedance
APW18	UA	E008	pH (field)	SU	02/23/21 - 01/13/25	17	0	CI around mean	7.5/7.8	6.4/9.0	Background/Standard	No Exceedance
APW18	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 01/13/25	16	0	CI around mean	1.37	6.90	Background	No Exceedance
APW18	UA	E008	Selenium, total	mg/L	02/23/21 - 01/13/25	17	94	CI around median	0.001	0.05	Standard	No Exceedance
APW18	UA	E008	Sulfate, total	mg/L	02/23/21 - 01/13/25	17	12	CI around median	2.2	400	Standard	No Exceedance
APW18	UA	E008	Thallium, total	mg/L	02/23/21 - 01/13/25	17	88	CB around T-S line	0.001	0.002	Standard	No Exceedance
APW18	UA	E008	Total Dissolved Solids	mg/L	02/23/21 - 01/13/25	17	0	CI around median	520	1,200	Standard	No Exceedance

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Notes:

Compliance Result:

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

Exceedance: The statistical result exceeded the GWPS.

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

Events:

E008 = Quarter 1, 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)

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

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

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

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

TABLE 2.
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NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

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

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

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

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

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

TABLE 2.
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NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

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

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

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

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

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

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

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

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

TABLE 2.
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NEWTON, IL

Notes:

Compliance Result:

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

Exceedance: The statistical result exceeded the GWPS.

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

Events:

E009 = Quarter 2, 2025 sampling event

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

UD = Upper Drift

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

SU = standard units

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

Statistical Calculation = method used to calculate the statistical result:

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

CB around 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)

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
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NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

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

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

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

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

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

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

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

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

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
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NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

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

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
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NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

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

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
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NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

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

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
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NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

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

TABLE 2.
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PRIMARY ASH POND
NEWTON, IL

Notes:

Compliance Result:

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

Exceedance: The statistical result exceeded the GWPS.

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

Events:

E010 = Quarter 3, 2025 sampling event

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

UD = Upper Drift

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

SU = standard units

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

Statistical Calculation = method used to calculate the statistical result:

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

CB around linear reg = Confidence band around linear regression

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

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

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

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

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

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

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

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

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

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

NS⁶ = Sampling pump could not yield a sample.

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

NS⁸ = A sample was not collected.

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

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

GWPS Source:

Background = background concentration

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

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 4, 2025
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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.
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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

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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
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.
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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	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

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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

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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
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

TABLE 2.
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NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
APW11	UA	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

TABLE 2.
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NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
APW12	UD	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

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
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

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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
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

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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
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

ANNUAL GROUNDWATER MONITORING AND
CORRECTIVE ACTION REPORT
PRIMARY ASH POND
NEWTON POWER PLANT
NEWTON, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.





- TOTAL CHLORIDE EXCEEDANCE
- TOTAL SULFATE EXCEEDANCE
- COMPLIANCE WELL WITHOUT EXCEEDANCE
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE

0 400 800
Feet

GWPS EXCEEDANCE MAP
UPPERMOST AQUIFER
QUARTERS 1-4, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
PRIMARY ASH POND
NEWTON POWER PLANT
NEWTON, ILLINOIS

FIGURE 2

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.





- TOTAL LITHIUM EXCEEDANCE
- TOTAL SULFATE EXCEEDANCE
- TOTAL DISSOLVED SOLIDS EXCEEDANCE
- COMPLIANCE WELL WITHOUT EXCEEDANCE
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE

0 400 800 Feet

GWPS EXCEEDANCE MAP
UPPER DRIFT
QUARTERS 1-4, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
PRIMARY ASH POND
NEWTON POWER PLANT
NEWTON, ILLINOIS

FIGURE 3

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



Y:\Mapping\Projects\22\2285\MXD\GW_Contours\Round_2025\Newton\PAW_501\NEW_501_2025.aprx\NEW 501 PAP Pot Surface 20250108

PROJECT: 169000XXXXX | DATED: 4/9/2025 | DESIGNER: GALARNMC



- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- STAFF GAGE, CCR UNIT
- STAFF GAGE, LAKE
- LEACHATE WELL
- GROUNDWATER ELEVATION CONTOUR (5-FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE

NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

0 400 800
Feet

**POTENTIOMETRIC SURFACE MAP
JANUARY 8-9, 2025**

**2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
PRIMARY ASH POND
NEWTON POWER PLANT
NEWTON, ILLINOIS**

FIGURE 4

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



PROJECT: 169000XXXXX | DATED: 6/30/2025 | DESIGNER: GALARNMC
Y:\Mapping\Projects\22\2285\MXD\GW_Contours\Round_2025\Newton\PAW_501\NEW_501_2025.aprx\NEW 501 PAP Pot Surface 20250201



- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- STAFF GAGE, CCR UNIT
- STAFF GAGE, LAKE
- LEACHATE WELL
- GROUNDWATER ELEVATION CONTOUR (5-FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE

NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

0 400 800
Feet

POTENTIOMETRIC SURFACE MAP
FEBRUARY 1, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
PRIMARY ASH POND
NEWTON POWER PLANT
NEWTON, ILLINOIS

FIGURE 5

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



PROJECT: 169000XXXXX | DATED: 6/11/2025 | DESIGNER: GALARNMC
Y:\Mapping\Projects\2212285\MXD\GW_Contours\Round_2025\Newton\PAP_501\NEW_501_2025.aprx\NEW 501 PAP Pot Surface 20250312



- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- STAFF GAGE, CCR UNIT
- STAFF GAGE, LAKE
- LEACHATE WELL
- GROUNDWATER ELEVATION CONTOUR (5-FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE

NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

0 400 800 Feet

POTENTIOMETRIC SURFACE MAP
MARCH 12, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
PRIMARY ASH POND
NEWTON POWER PLANT
NEWTON, ILLINOIS

FIGURE 6

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.





- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- STAFF GAGE, CCR UNIT
- STAFF GAGE, LAKE
- LEACHATE WELL
- GROUNDWATER ELEVATION CONTOUR (5-FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE

NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

0 400 800
Feet

POTENTIOMETRIC SURFACE MAP
APRIL 1, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
PRIMARY ASH POND
NEWTON POWER PLANT
NEWTON, ILLINOIS

FIGURE 7

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



PROJECT: 169000XXXXX | DATED: 9/16/2025 | DESIGNER: GALARNMC
Y:\Mapping\Projects\22\2285\MXD\GW_Contours\Round_2025\Newton\PAP_501\NEW_501_2025.aprx\NEW 501 PAP Pot Surface 20250501



- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- STAFF GAGE, CCR UNIT
- STAFF GAGE, LAKE
- LEACHATE WELL
- GROUNDWATER ELEVATION CONTOUR (5-FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE

NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

0 400 800
Feet

POTENTIOMETRIC SURFACE MAP
MAY 1, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
PRIMARY ASH POND
NEWTON POWER PLANT
NEWTON, ILLINOIS

FIGURE 8

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



Service Layer Credits: World Imagery: Maxar

Y:\Mapping\Projects\22\2285\MXD\GW_Contours\Round_2025\Newton\PAW_501\NEW_501_2025.aprx\NEW 501 PAP Pot Surface 20250601

PROJECT: 169000XXXXX | DATED: 9/2/2025 | DESIGNER: GALARNMC



- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- STAFF GAGE, CCR UNIT
- STAFF GAGE, LAKE
- LEACHATE WELL
- GROUNDWATER ELEVATION CONTOUR (5-FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE

NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

0 400 800
Feet

**POTENTIOMETRIC SURFACE MAP
JUNE 1, 2025**

**2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
PRIMARY ASH POND
NEWTON POWER PLANT
NEWTON, ILLINOIS**

FIGURE 9

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



PROJECT: 169000XXXXX | DATED: 10/20/2025 | DESIGNER: GALARNMC
Y:\Mapping\Projects\2212285\MXD\GW_Contours\Round_2025\Newton\PAW_501\NEW_501_2025.aprx\NEW_501_PAW_Pot Surface 20250701



- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- STAFF GAGE, CCR UNIT
- STAFF GAGE, LAKE
- LEACHATE WELL
- GROUNDWATER ELEVATION CONTOUR (5-FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE

NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

POTENTIOMETRIC SURFACE MAP
JULY 1, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
PRIMARY ASH POND
NEWTON POWER PLANT
NEWTON, ILLINOIS

FIGURE 10

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.





-  COMPLIANCE MONITORING WELL
 BACKGROUND MONITORING WELL
 MONITORING WELL
 STAFF GAGE, CCR UNIT
 STAFF GAGE, LAKE
 LEACHATE WELL
 GROUNDWATER ELEVATION CONTOUR (5-FT CONTOUR INTERVAL, NAVD88)
 INFERRED GROUNDWATER ELEVATION CONTOUR
 GROUNDWATER FLOW DIRECTION
 REGULATED UNIT (SUBJECT UNIT)
 SITE FEATURE

NOTES:
1.ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

A horizontal number line with tick marks at 0, 400, and 800. The word "Feet" is written at the right end of the line.

POTENTIOMETRIC SURFACE MAP AUGUST 6, 2025

**2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
PRIMARY ASH POND
NEWTON POWER PLANT
NEWTON, ILLINOIS**

FIGURE 11

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.





-  COMPLIANCE MONITORING WELL
 BACKGROUND MONITORING WELL
 MONITORING WELL
 STAFF GAGE, CCR UNIT
 STAFF GAGE, LAKE
 LEACHATE WELL
 GROUNDWATER ELEVATION CONTOUR (5-FT CONTOUR INTERVAL, NAVD88)
 INFERRED GROUNDWATER ELEVATION CONTOUR
 GROUNDWATER FLOW DIRECTION
 REGULATED UNIT (SUBJECT UNIT)
 SITE FEATURE

NOTES:
1.ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

A horizontal number line with tick marks at 0, 400, and 800. The word "Feet" is written at the right end of the line.

POTENTIOMETRIC SURFACE MAP SEPTEMBER 6, 2025

**2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
PRIMARY ASH POND
NEWTON POWER PLANT
NEWTON, ILLINOIS**

FIGURE 12

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



PROJECT: 169000XXXXX | DATED: 12/18/2025 | DESIGNER: GALARNMC
Y:\Mapping\Projects\2212285\MXD\GW_Contours\Round_2025\Newton\PAW_501\NEW_501_2025.aprx\NEW_501_PAW_Pot Surface 20251006



- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- STAFF GAGE, CCR UNIT
- STAFF GAGE, LAKE
- LEACHATE WELL
- GROUNDWATER ELEVATION CONTOUR (5-FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE

NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATIONS IN BRACKETS WERE OBTAINED OUTSIDE OF THE 24 HOUR PERIOD FROM INITIATION OF DEPTH TO GROUNDWATER MEASUREMENTS BUT WITHIN THE SAME SAMPLING EVENT.
3. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

0 400 800
Feet

POTENTIOMETRIC SURFACE MAP
OCTOBER 6, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
PRIMARY ASH POND
NEWTON POWER PLANT
NEWTON, ILLINOIS

FIGURE 13

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



PROJECT: 169000XXXXX | DATED: 1/8/2026 | DESIGNER: GALARNMC
Y:\Mapping\Projects\2212285\MXD\GW_Contours\Round_2025\Newton\PAW_501\NEW_501_2025.aprx\NEW 501 PAP Pot Surface 20251116



- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- STAFF GAGE, CCR UNIT
- STAFF GAGE, LAKE
- LEACHATE WELL
- GROUNDWATER ELEVATION CONTOUR (5-FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE

NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

0 400 800
Feet

POTENTIOMETRIC SURFACE MAP NOVEMBER 16, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
PRIMARY ASH POND
NEWTON POWER PLANT
NEWTON, ILLINOIS

FIGURE 14

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



ATTACHMENTS

ATTACHMENT A
GROUNDWATER ELEVATION DATA

ATTACHMENT A
GROUNDWATER ELEVATION DATA
2025 35 I.A.C. § 845 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
APW02	Compliance	UD	01/08/2025	4.22	529.34
APW02	Compliance	UD	02/01/2025	DM7	DM7
APW02	Compliance	UD	03/12/2025	4.18	529.38
APW02	Compliance	UD	04/01/2025	3.70	529.86
APW02	Compliance	UD	05/01/2025	3.74	529.80
APW02	Compliance	UD	06/01/2025	5.54	528.01
APW02	Compliance	UD	07/01/2025	5.42	528.14
APW02	Compliance	UD	08/06/2025	5.57	527.98
APW02	Compliance	UD	09/06/2025	7.49	526.06
APW02	Compliance	UD	10/06/2025	8.71	524.85
APW02	Compliance	UD	11/16/2025	10.76	522.79
APW02	Compliance	UD	12/16/2025	7.26	526.30
APW03	Compliance	UD	01/08/2025	5.99	526.46
APW03	Compliance	UD	02/01/2025	DM7	DM7
APW03	Compliance	UD	03/12/2025	6.48	525.97
APW03	Compliance	UD	04/01/2025	5.39	527.06
APW03	Compliance	UD	05/01/2025	5.44	527.00
APW03	Compliance	UD	06/01/2025	7.95	524.49
APW03	Compliance	UD	07/01/2025	8.91	523.54
APW03	Compliance	UD	08/06/2025	7.90	524.55
APW03	Compliance	UD	09/06/2025	11.43	521.02
APW03	Compliance	UD	10/06/2025	12.01	520.44
APW03	Compliance	UD	11/16/2025	15.04	517.41
APW03	Compliance	UD	12/16/2025	10.82	521.63
APW04	Compliance	UD	01/08/2025	4.92	520.33
APW04	Compliance	UD	02/01/2025	4.66	520.58
APW04	Compliance	UD	03/12/2025	4.99	520.26
APW04	Compliance	UD	04/01/2025	4.45	520.80
APW04	Compliance	UD	05/01/2025	4.19	521.05
APW04	Compliance	UD	06/01/2025	5.19	520.05
APW04	Compliance	UD	07/01/2025	4.68	520.57
APW04	Compliance	UD	08/06/2025	DM7	DM7
APW04	Compliance	UD	09/06/2025	DM7	DM7
APW04	Compliance	UD	10/06/2025	5.81	519.44
APW04	Compliance	UD	11/16/2025	DM7	DM7
APW04	Compliance	UD	12/16/2025	5.28	519.97
APW05	Background	UA	01/08/2025	14.39	529.96
APW05	Background	UA	02/01/2025	DM7	DM7
APW05	Background	UA	03/12/2025	14.04	530.31
APW05	Background	UA	04/01/2025	14.38	529.97
APW05	Background	UA	05/01/2025	14.46	529.87
APW05	Background	UA	06/01/2025	15.13	529.21
APW05	Background	UA	07/01/2025	15.71	528.64
APW05	Background	UA	08/06/2025	16.12	528.22
APW05	Background	UA	09/06/2025	16.00	528.33
APW05	Background	UA	10/06/2025	15.78	528.57

ATTACHMENT A
GROUNDWATER ELEVATION DATA
2025 35 I.A.C. § 845 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
APW05	Background	UA	11/16/2025	15.22	529.12
APW05	Background	UA	12/16/2025	14.97	529.38
APW05S	Compliance	UD	01/08/2025	10.55	533.97
APW05S	Compliance	UD	02/01/2025	10.76	533.75
APW05S	Compliance	UD	03/12/2025	10.35	534.17
APW05S	Compliance	UD	04/01/2025	10.31	534.21
APW05S	Compliance	UD	05/01/2025	9.84	534.67
APW05S	Compliance	UD	06/01/2025	10.65	533.86
APW05S	Compliance	UD	07/01/2025	11.46	533.06
APW05S	Compliance	UD	08/06/2025	10.93	533.58
APW05S	Compliance	UD	09/06/2025	13.86	530.65
APW05S	Compliance	UD	10/06/2025	14.71	529.81
APW05S	Compliance	UD	11/16/2025	13.06	531.45
APW05S	Compliance	UD	12/16/2025	11.66	532.86
APW06	Background	UA	01/08/2025	19.47	526.96
APW06	Background	UA	02/01/2025	19.62	526.80
APW06	Background	UA	03/12/2025	18.93	527.50
APW06	Background	UA	04/01/2025	19.57	526.86
APW06	Background	UA	05/01/2025	18.90	527.52
APW06	Background	UA	06/01/2025	19.17	527.24
APW06	Background	UA	07/01/2025	19.44	526.99
APW06	Background	UA	08/06/2025	20.08	526.33
APW06	Background	UA	09/06/2025	20.27	526.15
APW06	Background	UA	10/06/2025	20.40	526.03
APW06	Background	UA	11/16/2025	DM7	DM7
APW06	Background	UA	12/16/2025	19.99	526.44
APW07	Compliance	UA	01/08/2025	47.28	491.13
APW07	Compliance	UA	02/01/2025	47.00	491.40
APW07	Compliance	UA	03/12/2025	46.50	491.91
APW07	Compliance	UA	04/01/2025	46.67	491.74
APW07	Compliance	UA	05/01/2025	45.72	492.69
APW07	Compliance	UA	06/01/2025	46.25	492.15
APW07	Compliance	UA	07/01/2025	46.61	491.80
APW07	Compliance	UA	08/06/2025	46.45	491.95
APW07	Compliance	UA	09/06/2025	46.84	491.56
APW07	Compliance	UA	10/06/2025	47.34	491.07
APW07	Compliance	UA	11/16/2025	45.56	492.84
APW07	Compliance	UA	12/16/2025	47.51	490.90
APW08	Compliance	UA	01/08/2025	38.17	491.17
APW08	Compliance	UA	02/01/2025	37.66	491.67
APW08	Compliance	UA	03/12/2025	37.25	492.09
APW08	Compliance	UA	04/01/2025	37.50	491.84
APW08	Compliance	UA	05/01/2025	36.86	492.46
APW08	Compliance	UA	06/01/2025	37.29	492.04
APW08	Compliance	UA	07/01/2025	37.49	491.85
APW08	Compliance	UA	08/06/2025	37.56	491.76

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2025 35 I.A.C. § 845 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
APW08	Compliance	UA	09/06/2025	37.92	491.41
APW08	Compliance	UA	10/06/2025	38.35	490.99
APW08	Compliance	UA	11/16/2025	37.13	492.20
APW08	Compliance	UA	12/16/2025	38.51	490.83
APW09	Compliance	UA	01/08/2025	26.91	504.98
APW09	Compliance	UA	02/01/2025	DM7	DM7
APW09	Compliance	UA	03/12/2025	26.71	505.18
APW09	Compliance	UA	04/01/2025	26.26	505.63
APW09	Compliance	UA	05/01/2025	DM7	DM7
APW09	Compliance	UA	06/01/2025	DM7	DM7
APW09	Compliance	UA	07/01/2025	26.55	505.34
APW09	Compliance	UA	08/06/2025	DM7	DM7
APW09	Compliance	UA	09/06/2025	DM7	DM7
APW09	Compliance	UA	10/06/2025	24.93	506.96
APW09	Compliance	UA	11/16/2025	30.87	501.01
APW09	Compliance	UA	12/16/2025	28.51	503.38
APW10	Compliance	UA	01/08/2025	18.21	506.42
APW10	Compliance	UA	02/01/2025	18.01	506.61
APW10	Compliance	UA	03/12/2025	17.87	506.76
APW10	Compliance	UA	04/01/2025	17.63	507.00
APW10	Compliance	UA	05/01/2025	DM7	DM7
APW10	Compliance	UA	06/01/2025	DM7	DM7
APW10	Compliance	UA	07/01/2025	17.95	506.68
APW10	Compliance	UA	08/06/2025	DM7	DM7
APW10	Compliance	UA	09/06/2025	DM7	DM7
APW10	Compliance	UA	10/06/2025	19.52	505.11
APW10	Compliance	UA	11/16/2025	DM7	DM7
APW10	Compliance	UA	12/16/2025	19.70	504.93
APW11	Compliance	UA	01/08/2025	24.79	514.40
APW11	Compliance	UA	02/01/2025	24.56	514.62
APW11	Compliance	UA	03/12/2025	24.40	514.79
APW11	Compliance	UA	04/01/2025	24.33	514.86
APW11	Compliance	UA	05/01/2025	24.21	514.97
APW11	Compliance	UA	06/01/2025	24.54	514.64
APW11	Compliance	UA	07/01/2025	24.84	514.35
APW11	Compliance	UA	08/06/2025	25.14	514.05
APW11	Compliance	UA	09/06/2025	25.52	513.66
APW11	Compliance	UA	10/06/2025	25.70	513.49
APW11	Compliance	UA	11/16/2025	26.00	513.18
APW11	Compliance	UA	12/16/2025	25.79	513.40
APW12	Compliance	UD	01/08/2025	14.80	532.14
APW12	Compliance	UD	02/01/2025	14.87	532.06
APW12	Compliance	UD	03/12/2025	14.45	532.49
APW12	Compliance	UD	04/01/2025	14.29	532.65
APW12	Compliance	UD	05/01/2025	13.87	533.06
APW12	Compliance	UD	06/01/2025	14.85	532.08

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NEWTON, IL

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
APW12	Compliance	UD	07/01/2025	15.27	531.67
APW12	Compliance	UD	08/06/2025	15.46	531.47
APW12	Compliance	UD	09/06/2025	16.68	530.25
APW12	Compliance	UD	10/06/2025	17.05	529.89
APW12	Compliance	UD	11/16/2025	DM7	DM7
APW12	Compliance	UD	12/16/2025	16.66	530.28
APW13	Compliance	UA	01/08/2025	33.05	505.43
APW13	Compliance	UA	02/01/2025	DM7	DM7
APW13	Compliance	UA	03/12/2025	32.35	506.13
APW13	Compliance	UA	04/01/2025	32.32	506.16
APW13	Compliance	UA	05/01/2025	31.80	506.67
APW13	Compliance	UA	06/01/2025	32.33	506.15
APW13	Compliance	UA	07/01/2025	32.66	505.82
APW13	Compliance	UA	08/06/2025	32.50	505.98
APW13	Compliance	UA	09/06/2025	33.34	505.13
APW13	Compliance	UA	10/06/2025	33.97	504.51
APW13	Compliance	UA	11/16/2025	34.28	504.20
APW13	Compliance	UA	12/16/2025	34.18	504.30
APW14	Compliance	UA	01/08/2025	21.43	505.48
APW14	Compliance	UA	02/01/2025	21.23	505.67
APW14	Compliance	UA	03/12/2025	21.09	505.82
APW14	Compliance	UA	04/01/2025	20.81	506.10
APW14	Compliance	UA	05/01/2025	20.57	506.33
APW14	Compliance	UA	06/01/2025	21.08	505.81
APW14	Compliance	UA	07/01/2025	21.18	505.73
APW14	Compliance	UA	08/06/2025	21.14	505.76
APW14	Compliance	UA	09/06/2025	22.09	504.81
APW14	Compliance	UA	10/06/2025	22.65	504.26
APW14	Compliance	UA	11/16/2025	21.79	505.11
APW14	Compliance	UA	12/16/2025	22.85	504.06
APW15	Compliance	UA	01/08/2025	21.56	503.77
APW15	Compliance	UA	02/01/2025	DM7	DM7
APW15	Compliance	UA	03/12/2025	21.07	504.26
APW15	Compliance	UA	04/01/2025	21.35	503.98
APW15	Compliance	UA	05/01/2025	20.96	504.36
APW15	Compliance	UA	06/01/2025	21.05	504.27
APW15	Compliance	UA	07/01/2025	21.18	504.15
APW15	Compliance	UA	08/06/2025	21.16	504.16
APW15	Compliance	UA	09/06/2025	21.07	504.25
APW15	Compliance	UA	10/06/2025	21.41	503.92
APW15	Compliance	UA	11/16/2025	20.97	504.35
APW15	Compliance	UA	12/16/2025	21.26	504.07
APW16	Compliance	UA	01/08/2025	40.72	491.16
APW16	Compliance	UA	02/01/2025	DM7	DM7
APW16	Compliance	UA	03/12/2025	40.00	491.88
APW16	Compliance	UA	04/01/2025	40.09	491.79

ATTACHMENT A
GROUNDWATER ELEVATION DATA
2025 35 I.A.C. § 845 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
APW16	Compliance	UA	05/01/2025	39.63	492.24
APW16	Compliance	UA	06/01/2025	39.95	491.92
APW16	Compliance	UA	07/01/2025	40.12	491.76
APW16	Compliance	UA	08/06/2025	40.32	491.55
APW16	Compliance	UA	09/06/2025	40.62	491.25
APW16	Compliance	UA	10/06/2025	40.95	490.93
APW16	Compliance	UA	11/16/2025	41.49	490.38
APW16	Compliance	UA	12/16/2025	41.11	490.77
APW17	Compliance	UA	01/08/2025	41.79	491.13
APW17	Compliance	UA	02/01/2025	DM ⁷	DM ⁷
APW17	Compliance	UA	03/12/2025	41.00	491.92
APW17	Compliance	UA	04/01/2025	41.17	491.75
APW17	Compliance	UA	05/01/2025	DM ⁷	DM ⁷
APW17	Compliance	UA	06/01/2025	DM ⁷	DM ⁷
APW17	Compliance	UA	07/01/2025	41.15	491.77
APW17	Compliance	UA	08/06/2025	DM ⁷	DM ⁷
APW17	Compliance	UA	09/06/2025	DM ⁷	DM ⁷
APW17	Compliance	UA	10/06/2025	41.86	491.06
APW17	Compliance	UA	11/16/2025	43.68	489.23
APW17	Compliance	UA	12/16/2025	42.10	490.82
APW18	Compliance	UA	01/08/2025	52.35	491.33
APW18	Compliance	UA	02/01/2025	52.08	491.59
APW18	Compliance	UA	03/12/2025	51.38	492.30
APW18	Compliance	UA	04/01/2025	51.71	491.97
APW18	Compliance	UA	05/01/2025	51.24	492.43
APW18	Compliance	UA	06/01/2025	51.51	492.16
APW18	Compliance	UA	07/01/2025	51.69	491.99
APW18	Compliance	UA	08/06/2025	51.91	491.76
APW18	Compliance	UA	09/06/2025	52.10	491.57
APW18	Compliance	UA	10/06/2025	52.41	491.27
APW18	Compliance	UA	11/16/2025	51.41	492.26
APW18	Compliance	UA	12/16/2025	52.59	491.09
XSG01	Water Level	CCR	01/08/2025	6.10	534.29
XSG01	Water Level	CCR	02/24/2025	NA	[534.08]
XSG01	Water Level	CCR	03/12/2025	8.28	532.11
XSG01	Water Level	CCR	04/01/2025	11.18	529.21
XSG01	Water Level	CCR	05/01/2025	NA	525.21
XSG01	Water Level	CCR	06/01/2025	NA	520.36
XSG01	Water Level	CCR	07/01/2025	DM ²	DM ²
XSG01	Water Level	CCR	08/14/2025	NA	[518.55]
XSG01	Water Level	CCR	09/05/2025	NA	523.05
XSG01	Water Level	CCR	10/06/2025	13.17	527.22
XSG01	Water Level	CCR	11/15/2025	NA	528.19
XSG01	Water Level	CCR	12/16/2025	12.00	528.39
SG02	Water Level	SW	01/08/2025	5.01	501.00
SG02	Water Level	SW	02/01/2025	NA	505.04

ATTACHMENT A
GROUNDWATER ELEVATION DATA
2025 35 I.A.C. § 845 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
SG02	Water Level	SW	03/12/2025	2.25	503.76
SG02	Water Level	SW	04/01/2025	1.79	504.22
SG02	Water Level	SW	05/01/2025	NA	524.91
SG02	Water Level	SW	06/02/2025	NA	[520.06]
SG02	Water Level	SW	07/01/2025	1.76	504.25
SG02	Water Level	SW	08/06/2025	NA	504.98
SG02	Water Level	SW	09/06/2025	NA	503.91
SG02	Water Level	SW	10/06/2025	4.61	501.40
SG02	Water Level	SW	11/16/2025	NA	504.46
SG02	Water Level	SW	12/16/2025	NA	502.87

Notes:
BMP = below measuring point
Bracketing [] indicates that the measurement was obtained outside of the episodic depth to groundwater measurements time frame.
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.
NA = not available/not applicable
NAVD88 = North American Vertical Datum of 1988
Monitored Unit Abbreviations:
CCR = coal combustion residuals
SW = surface water
UA = uppermost aquifer
UD = upper drift

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ATTACHMENT B
COMPARISON TO BACKGROUND

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 1, 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	E008	Antimony, total	mg/L	02/17/21 - 01/14/25	17	94	CB around T-S line	0.000109	0.003
APW02	UD	E008	Arsenic, total	mg/L	02/17/21 - 01/14/25	17	82	CI around median	0.001	0.0590
APW02	UD	E008	Barium, total	mg/L	02/17/21 - 01/14/25	17	0	CI around geomean	0.00929	0.300
APW02	UD	E008	Beryllium, total	mg/L	02/17/21 - 01/14/25	17	100	All ND - Last	0.001	0.001
APW02	UD	E008	Boron, total	mg/L	02/17/21 - 01/14/25	17	0	CI around geomean	0.0947	0.260
APW02	UD	E008	Cadmium, total	mg/L	02/17/21 - 01/14/25	17	100	All ND - Last	0.001	0.001
APW02	UD	E008	Chloride, total	mg/L	02/17/21 - 01/14/25	17	0	CI around mean	93.9	52.0
APW02	UD	E008	Chromium, total	mg/L	02/17/21 - 01/14/25	17	82	CB around T-S line	0.000539	0.0110
APW02	UD	E008	Cobalt, total	mg/L	02/17/21 - 01/14/25	17	88	CB around T-S line	0.000626	0.00430
APW02	UD	E008	Fluoride, total	mg/L	02/17/21 - 01/14/25	17	71	CI around median	0.22	0.633
APW02	UD	E008	Lead, total	mg/L	02/17/21 - 01/14/25	17	94	CI around median	0.001	0.00740
APW02	UD	E008	Lithium, total	mg/L	02/17/21 - 01/14/25	17	0	CI around geomean	0.0953	0.0300
APW02	UD	E008	Mercury, total	mg/L	02/17/21 - 01/14/25	17	100	All ND - Last	0.0002	0.0002
APW02	UD	E008	Molybdenum, total	mg/L	02/17/21 - 01/14/25	16	50	CB around linear reg	0.00155	0.0180
APW02	UD	E008	pH (field)	SU	02/17/21 - 01/14/25	23	0	CI around median	6.6/6.8	6.4/7.8
APW02	UD	E008	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 01/14/25	16	0	CI around mean	0.319	6.90
APW02	UD	E008	Selenium, total	mg/L	02/17/21 - 01/14/25	17	100	All ND - Last	0.001	0.001
APW02	UD	E008	Sulfate, total	mg/L	02/17/21 - 01/14/25	17	0	CI around median	2,900	35.8
APW02	UD	E008	Thallium, total	mg/L	02/17/21 - 01/14/25	17	100	All ND - Last	0.002	0.001
APW02	UD	E008	Total Dissolved Solids	mg/L	02/17/21 - 01/14/25	23	0	CI around median	4,800	628
APW03	UD	E008	Antimony, total	mg/L	02/18/21 - 01/16/25	17	94	CB around T-S line	0.000122	0.003
APW03	UD	E008	Arsenic, total	mg/L	02/18/21 - 01/16/25	17	100	All ND - Last	0.001	0.0590
APW03	UD	E008	Barium, total	mg/L	02/18/21 - 01/16/25	17	0	CB around linear reg	0.092	0.300
APW03	UD	E008	Beryllium, total	mg/L	02/18/21 - 01/16/25	17	100	All ND - Last	0.001	0.001
APW03	UD	E008	Boron, total	mg/L	02/18/21 - 01/16/25	17	0	CI around geomean	0.395	0.260
APW03	UD	E008	Cadmium, total	mg/L	02/18/21 - 01/16/25	17	100	All ND - Last	0.001	0.001
APW03	UD	E008	Chloride, total	mg/L	02/18/21 - 01/16/25	17	0	CI around mean	7.85	52.0

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APW03	UD	E008	Chromium, total	mg/L	02/18/21 - 01/16/25	17	76	CB around T-S line	0.000674	0.0110
APW03	UD	E008	Cobalt, total	mg/L	02/18/21 - 01/16/25	17	100	All ND - Last	0.001	0.00430
APW03	UD	E008	Fluoride, total	mg/L	02/18/21 - 01/16/25	17	65	CI around median	0.24	0.633
APW03	UD	E008	Lead, total	mg/L	02/18/21 - 01/16/25	17	94	CI around median	0.001	0.00740
APW03	UD	E008	Lithium, total	mg/L	02/18/21 - 01/16/25	17	24	CB around linear reg	0.00388	0.0300
APW03	UD	E008	Mercury, total	mg/L	02/18/21 - 01/16/25	17	94	CI around median	0.0002	0.0002
APW03	UD	E008	Molybdenum, total	mg/L	02/18/21 - 01/16/25	16	44	CI around mean	0.00114	0.0180
APW03	UD	E008	pH (field)	SU	02/18/21 - 01/16/25	23	0	CI around mean	6.8/7.1	6.4/7.8
APW03	UD	E008	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 01/16/25	16	0	CI around geomean	0.223	6.90
APW03	UD	E008	Selenium, total	mg/L	02/18/21 - 01/16/25	17	100	All ND - Last	0.001	0.001
APW03	UD	E008	Sulfate, total	mg/L	02/18/21 - 01/16/25	17	0	CB around linear reg	79.7	35.8
APW03	UD	E008	Thallium, total	mg/L	02/18/21 - 01/16/25	17	100	All ND - Last	0.002	0.001
APW03	UD	E008	Total Dissolved Solids	mg/L	02/18/21 - 01/16/25	23	0	CI around mean	622	628
APW04	UD	E008	Antimony, total	mg/L	02/18/21 - 01/15/25	17	94	CB around T-S line	0.0000786	0.003
APW04	UD	E008	Arsenic, total	mg/L	02/18/21 - 01/15/25	17	59	CI around median	0.001	0.0590
APW04	UD	E008	Barium, total	mg/L	02/18/21 - 01/15/25	17	0	CI around mean	0.0186	0.300
APW04	UD	E008	Beryllium, total	mg/L	02/18/21 - 01/15/25	17	100	All ND - Last	0.001	0.001
APW04	UD	E008	Boron, total	mg/L	02/18/21 - 01/15/25	17	6	CI around median	0.024	0.260
APW04	UD	E008	Cadmium, total	mg/L	02/18/21 - 01/15/25	17	94	CI around median	0.001	0.001
APW04	UD	E008	Chloride, total	mg/L	02/18/21 - 01/15/25	17	0	CI around mean	31.2	52.0
APW04	UD	E008	Chromium, total	mg/L	02/18/21 - 01/15/25	17	76	CB around T-S line	0.00147	0.0110
APW04	UD	E008	Cobalt, total	mg/L	02/18/21 - 01/15/25	17	94	CB around T-S line	0.00051	0.00430
APW04	UD	E008	Fluoride, total	mg/L	02/18/21 - 01/15/25	17	71	CI around median	0.2	0.633
APW04	UD	E008	Lead, total	mg/L	02/18/21 - 01/15/25	17	76	CI around median	0.001	0.00740
APW04	UD	E008	Lithium, total	mg/L	02/18/21 - 01/15/25	17	18	CI around median	0.021	0.0300
APW04	UD	E008	Mercury, total	mg/L	02/18/21 - 01/15/25	17	94	CI around median	0.0002	0.0002
APW04	UD	E008	Molybdenum, total	mg/L	02/18/21 - 01/15/25	16	88	CB around T-S line	0.001	0.0180

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APW04	UD	E008	pH (field)	SU	02/18/21 - 01/15/25	23	0	CI around median	6.7/6.9	6.4/7.8
APW04	UD	E008	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 01/15/25	16	0	CI around mean	0.241	6.90
APW04	UD	E008	Selenium, total	mg/L	02/18/21 - 01/15/25	17	100	All ND - Last	0.001	0.001
APW04	UD	E008	Sulfate, total	mg/L	02/18/21 - 01/15/25	17	0	CB around T-S line	566	35.8
APW04	UD	E008	Thallium, total	mg/L	02/18/21 - 01/15/25	17	100	All ND - Last	0.002	0.001
APW04	UD	E008	Total Dissolved Solids	mg/L	02/18/21 - 01/15/25	23	0	CI around median	1,700	628
APW05S	UD	E008	Antimony, total	mg/L	02/17/21 - 01/15/25	16	100	All ND - Last	0.001	0.003
APW05S	UD	E008	Arsenic, total	mg/L	02/17/21 - 01/15/25	16	50	CI around median	0.001	0.0590
APW05S	UD	E008	Barium, total	mg/L	02/17/21 - 01/15/25	16	0	CB around T-S line	0.0183	0.300
APW05S	UD	E008	Beryllium, total	mg/L	02/17/21 - 01/15/25	16	100	All ND - Last	0.001	0.001
APW05S	UD	E008	Boron, total	mg/L	02/17/21 - 01/15/25	16	0	CI around median	0.039	0.260
APW05S	UD	E008	Cadmium, total	mg/L	02/17/21 - 01/15/25	16	94	CI around median	0.001	0.001
APW05S	UD	E008	Chloride, total	mg/L	02/17/21 - 01/15/25	16	0	CB around T-S line	-8.16	52.0
APW05S	UD	E008	Chromium, total	mg/L	02/17/21 - 01/15/25	16	81	CB around T-S line	0.000245	0.0110
APW05S	UD	E008	Cobalt, total	mg/L	02/17/21 - 01/15/25	16	44	CB around T-S line	-0.00107	0.00430
APW05S	UD	E008	Fluoride, total	mg/L	02/17/21 - 01/15/25	16	12	CI around mean	0.332	0.633
APW05S	UD	E008	Lead, total	mg/L	02/17/21 - 01/15/25	16	94	CI around median	0.001	0.00740
APW05S	UD	E008	Lithium, total	mg/L	02/17/21 - 01/15/25	16	0	CI around median	0.0366	0.0300
APW05S	UD	E008	Mercury, total	mg/L	02/17/21 - 01/15/25	16	100	All ND - Last	0.0002	0.0002
APW05S	UD	E008	Molybdenum, total	mg/L	02/17/21 - 01/15/25	15	40	CI around median	0.0013	0.0180
APW05S	UD	E008	pH (field)	SU	02/17/21 - 01/15/25	16	0	CI around mean	6.6/6.9	6.4/7.8
APW05S	UD	E008	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 01/15/25	15	0	CI around geomean	0.249	6.90
APW05S	UD	E008	Selenium, total	mg/L	02/17/21 - 01/15/25	16	100	All ND - Last	0.001	0.001
APW05S	UD	E008	Sulfate, total	mg/L	02/17/21 - 01/15/25	16	0	CI around median	1,700	35.8
APW05S	UD	E008	Thallium, total	mg/L	02/17/21 - 01/15/25	16	100	All ND - Last	0.002	0.001
APW05S	UD	E008	Total Dissolved Solids	mg/L	02/17/21 - 01/15/25	16	0	CI around mean	3,330	628
APW07	UA	E008	Antimony, total	mg/L	12/15/15 - 01/20/25	18	100	All ND - Last	0.001	0.003

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APW07	UA	E008	Arsenic, total	mg/L	12/15/15 - 01/20/25	19	0	CB around linear reg	0.011	0.0590
APW07	UA	E008	Barium, total	mg/L	12/15/15 - 01/20/25	19	0	CB around T-S line	0.45	0.300
APW07	UA	E008	Beryllium, total	mg/L	12/15/15 - 01/20/25	18	100	All ND - Last	0.001	0.001
APW07	UA	E008	Boron, total	mg/L	12/15/15 - 01/20/25	29	0	CI around median	0.0769	0.260
APW07	UA	E008	Cadmium, total	mg/L	12/15/15 - 01/20/25	18	100	All ND - Last	0.001	0.001
APW07	UA	E008	Chloride, total	mg/L	12/15/15 - 01/20/25	32	0	CB around T-S line	55.2	52.0
APW07	UA	E008	Chromium, total	mg/L	12/15/15 - 01/20/25	19	53	CI around median	0.0031	0.0110
APW07	UA	E008	Cobalt, total	mg/L	12/15/15 - 01/20/25	18	78	CI around median	0.001	0.00430
APW07	UA	E008	Fluoride, total	mg/L	12/15/15 - 01/20/25	29	10	CI around mean	0.36	0.633
APW07	UA	E008	Lead, total	mg/L	12/15/15 - 01/20/25	19	63	CI around median	0.001	0.00740
APW07	UA	E008	Lithium, total	mg/L	12/15/15 - 01/20/25	19	68	CI around median	0.0042	0.0300
APW07	UA	E008	Mercury, total	mg/L	12/15/15 - 01/20/25	19	100	All ND - Last	0.0002	0.0002
APW07	UA	E008	Molybdenum, total	mg/L	12/15/15 - 01/20/25	18	0	CI around mean	0.00299	0.0180
APW07	UA	E008	pH (field)	SU	12/15/15 - 01/20/25	31	0	CI around mean	7.2/7.3	6.4/7.8
APW07	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 01/20/25	19	0	CI around mean	1.46	6.90
APW07	UA	E008	Selenium, total	mg/L	12/15/15 - 01/20/25	19	100	All ND - Last	0.001	0.001
APW07	UA	E008	Sulfate, total	mg/L	12/15/15 - 01/20/25	30	13	CB around T-S line	13.9	35.8
APW07	UA	E008	Thallium, total	mg/L	12/15/15 - 01/20/25	18	100	All ND - Last	0.002	0.001
APW07	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 01/20/25	29	0	CB around T-S line	556	628
APW08	UA	E008	Antimony, total	mg/L	12/15/15 - 01/14/25	18	100	All ND - Last	0.001	0.003
APW08	UA	E008	Arsenic, total	mg/L	12/15/15 - 01/14/25	19	0	CB around linear reg	0.0213	0.0590
APW08	UA	E008	Barium, total	mg/L	12/15/15 - 01/14/25	19	0	CB around T-S line	0.455	0.300
APW08	UA	E008	Beryllium, total	mg/L	12/15/15 - 01/14/25	18	100	All ND - Last	0.001	0.001
APW08	UA	E008	Boron, total	mg/L	12/15/15 - 01/14/25	29	0	CI around median	0.083	0.260
APW08	UA	E008	Cadmium, total	mg/L	12/15/15 - 01/14/25	18	100	All ND - Last	0.001	0.001
APW08	UA	E008	Chloride, total	mg/L	12/15/15 - 01/14/25	31	0	CI around mean	55	52.0
APW08	UA	E008	Chromium, total	mg/L	12/15/15 - 01/14/25	19	53	CI around median	0.0037	0.0110

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APW08	UA	E008	Cobalt, total	mg/L	12/15/15 - 01/14/25	18	67	CI around median	0.001	0.00430
APW08	UA	E008	Fluoride, total	mg/L	12/15/15 - 01/14/25	29	14	CI around median	0.393	0.633
APW08	UA	E008	Lead, total	mg/L	12/15/15 - 01/14/25	19	58	CI around median	0.001	0.00740
APW08	UA	E008	Lithium, total	mg/L	12/15/15 - 01/14/25	19	58	CI around median	0.0035	0.0300
APW08	UA	E008	Mercury, total	mg/L	12/15/15 - 01/14/25	19	100	All ND - Last	0.0002	0.0002
APW08	UA	E008	Molybdenum, total	mg/L	12/15/15 - 01/14/25	18	0	CI around mean	0.00473	0.0180
APW08	UA	E008	pH (field)	SU	12/15/15 - 01/14/25	32	0	CI around mean	7.2/7.4	6.4/7.8
APW08	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 01/14/25	19	0	CI around geomean	0.924	6.90
APW08	UA	E008	Selenium, total	mg/L	12/15/15 - 01/14/25	19	95	CI around median	0.001	0.001
APW08	UA	E008	Sulfate, total	mg/L	12/15/15 - 01/14/25	31	0	CB around linear reg	50.3	35.8
APW08	UA	E008	Thallium, total	mg/L	12/15/15 - 01/14/25	18	100	All ND - Last	0.002	0.001
APW08	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 01/14/25	29	0	CB around linear reg	609	628
APW09	UA	E008	Antimony, total	mg/L	12/15/15 - 01/16/25	18	94	CB around T-S line	0.000658	0.003
APW09	UA	E008	Arsenic, total	mg/L	12/15/15 - 01/16/25	19	0	CB around linear reg	0.0248	0.0590
APW09	UA	E008	Barium, total	mg/L	12/15/15 - 01/16/25	19	0	CI around mean	0.34	0.300
APW09	UA	E008	Beryllium, total	mg/L	12/15/15 - 01/16/25	18	100	All ND - Last	0.001	0.001
APW09	UA	E008	Boron, total	mg/L	12/15/15 - 01/16/25	29	0	CB around linear reg	0.098	0.260
APW09	UA	E008	Cadmium, total	mg/L	12/15/15 - 01/16/25	18	100	All ND - Last	0.001	0.001
APW09	UA	E008	Chloride, total	mg/L	12/15/15 - 01/16/25	31	0	CB around T-S line	127	52.0
APW09	UA	E008	Chromium, total	mg/L	12/15/15 - 01/16/25	19	63	CI around median	0.0018	0.0110
APW09	UA	E008	Cobalt, total	mg/L	12/15/15 - 01/16/25	18	89	CB around T-S line	0.000819	0.00430
APW09	UA	E008	Fluoride, total	mg/L	12/15/15 - 01/16/25	30	10	CB around linear reg	0.264	0.633
APW09	UA	E008	Lead, total	mg/L	12/15/15 - 01/16/25	19	58	CI around median	0.001	0.00740
APW09	UA	E008	Lithium, total	mg/L	12/15/15 - 01/16/25	19	63	CI around median	0.0088	0.0300
APW09	UA	E008	Mercury, total	mg/L	12/15/15 - 01/16/25	19	90	CI around median	0.0002	0.0002
APW09	UA	E008	Molybdenum, total	mg/L	12/15/15 - 01/16/25	18	0	CB around linear reg	-0.00209	0.0180
APW09	UA	E008	pH (field)	SU	12/15/15 - 01/16/25	31	0	CI around median	7.4/7.5	6.4/7.8

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APW09	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 01/16/25	19	0	CI around geomean	0.995	6.90
APW09	UA	E008	Selenium, total	mg/L	12/15/15 - 01/16/25	19	95	CI around median	0.001	0.001
APW09	UA	E008	Sulfate, total	mg/L	12/15/15 - 01/16/25	31	13	CI around geomean	5.81	35.8
APW09	UA	E008	Thallium, total	mg/L	12/15/15 - 01/16/25	18	100	All ND - Last	0.002	0.001
APW09	UA	E008	Total Dissolved Solids	mg/L	12/15/15 - 01/16/25	30	0	CB around T-S line	797	628
APW10	UA	E008	Antimony, total	mg/L	12/16/15 - 01/15/25	20	95	CB around T-S line	0.000645	0.003
APW10	UA	E008	Arsenic, total	mg/L	12/16/15 - 01/15/25	21	5	CI around mean	0.0064	0.0590
APW10	UA	E008	Barium, total	mg/L	12/16/15 - 01/15/25	21	0	CI around mean	0.0289	0.300
APW10	UA	E008	Beryllium, total	mg/L	12/16/15 - 01/15/25	20	100	All ND - Last	0.001	0.001
APW10	UA	E008	Boron, total	mg/L	12/16/15 - 01/15/25	31	0	CI around median	0.0702	0.260
APW10	UA	E008	Cadmium, total	mg/L	12/16/15 - 01/15/25	20	100	All ND - Last	0.001	0.001
APW10	UA	E008	Chloride, total	mg/L	12/16/15 - 01/15/25	32	0	CB around linear reg	40.6	52.0
APW10	UA	E008	Chromium, total	mg/L	12/16/15 - 01/15/25	21	81	CB around T-S line	0.00188	0.0110
APW10	UA	E008	Cobalt, total	mg/L	12/16/15 - 01/15/25	20	90	CB around T-S line	0.000838	0.00430
APW10	UA	E008	Fluoride, total	mg/L	12/16/15 - 01/15/25	31	23	CI around mean	0.262	0.633
APW10	UA	E008	Lead, total	mg/L	12/16/15 - 01/15/25	21	86	CI around median	0.001	0.00740
APW10	UA	E008	Lithium, total	mg/L	12/16/15 - 01/15/25	21	5	CI around mean	0.0202	0.0300
APW10	UA	E008	Mercury, total	mg/L	12/16/15 - 01/15/25	21	100	All ND - Last	0.0002	0.0002
APW10	UA	E008	Molybdenum, total	mg/L	12/16/15 - 01/15/25	20	5	CB around T-S line	0.00407	0.0180
APW10	UA	E008	pH (field)	SU	12/16/15 - 01/15/25	34	0	CI around mean	7.1/7.2	6.4/7.8
APW10	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/16/15 - 01/15/25	21	0	CI around geomean	0.389	6.90
APW10	UA	E008	Selenium, total	mg/L	12/16/15 - 01/15/25	21	100	All ND - Last	0.001	0.001
APW10	UA	E008	Sulfate, total	mg/L	12/16/15 - 01/15/25	33	0	CI around median	410	35.8
APW10	UA	E008	Thallium, total	mg/L	12/16/15 - 01/15/25	20	100	All ND - Last	0.002	0.001
APW10	UA	E008	Total Dissolved Solids	mg/L	12/16/15 - 01/15/25	33	0	CB around T-S line	1,040	628
APW11	UA	E008	Antimony, total	mg/L	02/18/21 - 01/13/25	17	100	All ND - Last	0.001	0.003
APW11	UA	E008	Arsenic, total	mg/L	02/18/21 - 01/13/25	17	0	CI around mean	0.0026	0.0590

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APW11	UA	E008	Barium, total	mg/L	02/18/21 - 01/13/25	17	0	CB around T-S line	-0.122	0.300
APW11	UA	E008	Beryllium, total	mg/L	02/18/21 - 01/13/25	17	100	All ND - Last	0.001	0.001
APW11	UA	E008	Boron, total	mg/L	02/18/21 - 01/13/25	17	0	CI around median	0.0628	0.260
APW11	UA	E008	Cadmium, total	mg/L	02/18/21 - 01/13/25	17	100	All ND - Last	0.001	0.001
APW11	UA	E008	Chloride, total	mg/L	02/18/21 - 01/13/25	17	0	CB around T-S line	16.4	52.0
APW11	UA	E008	Chromium, total	mg/L	02/18/21 - 01/13/25	17	65	CB around T-S line	-0.00238	0.0110
APW11	UA	E008	Cobalt, total	mg/L	02/18/21 - 01/13/25	17	71	CB around T-S line	0.000148	0.00430
APW11	UA	E008	Fluoride, total	mg/L	02/18/21 - 01/13/25	17	41	CB around T-S line	0.266	0.633
APW11	UA	E008	Lead, total	mg/L	02/18/21 - 01/13/25	17	59	CI around median	0.001	0.00740
APW11	UA	E008	Lithium, total	mg/L	02/18/21 - 01/13/25	17	6	CI around mean	0.02	0.0300
APW11	UA	E008	Mercury, total	mg/L	02/18/21 - 01/13/25	17	82	CI around median	0.0002	0.0002
APW11	UA	E008	Molybdenum, total	mg/L	02/18/21 - 01/13/25	16	0	CB around T-S line	-0.00634	0.0180
APW11	UA	E008	pH (field)	SU	02/18/21 - 01/13/25	17	0	CI around median	7.0/7.3	6.4/7.8
APW11	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 01/13/25	16	0	CI around geomean	0.647	6.90
APW11	UA	E008	Selenium, total	mg/L	02/18/21 - 01/13/25	17	82	CI around median	0.001	0.001
APW11	UA	E008	Sulfate, total	mg/L	02/18/21 - 01/13/25	17	0	CI around median	270	35.8
APW11	UA	E008	Thallium, total	mg/L	02/18/21 - 01/13/25	17	94	CB around T-S line	0.001	0.001
APW11	UA	E008	Total Dissolved Solids	mg/L	02/18/21 - 01/13/25	17	0	CI around mean	809	628
APW12	UD	E008	Antimony, total	mg/L	02/17/21 - 01/13/25	17	100	All ND - Last	0.001	0.003
APW12	UD	E008	Arsenic, total	mg/L	02/17/21 - 01/13/25	17	41	CB around linear reg	0.000417	0.0590
APW12	UD	E008	Barium, total	mg/L	02/17/21 - 01/13/25	17	0	CB around linear reg	0.023	0.300
APW12	UD	E008	Beryllium, total	mg/L	02/17/21 - 01/13/25	17	100	All ND - Last	0.001	0.001
APW12	UD	E008	Boron, total	mg/L	02/17/21 - 01/13/25	17	0	CB around linear reg	0.756	0.260
APW12	UD	E008	Cadmium, total	mg/L	02/17/21 - 01/13/25	17	100	All ND - Last	0.001	0.001
APW12	UD	E008	Chloride, total	mg/L	02/17/21 - 01/13/25	17	0	CI around mean	23.7	52.0
APW12	UD	E008	Chromium, total	mg/L	02/17/21 - 01/13/25	17	100	All ND - Last	0.0015	0.0110
APW12	UD	E008	Cobalt, total	mg/L	02/17/21 - 01/13/25	17	29	CB around linear reg	-0.00156	0.00430

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APW12	UD	E008	Fluoride, total	mg/L	02/17/21 - 01/13/25	17	71	CI around median	0.18	0.633
APW12	UD	E008	Lead, total	mg/L	02/17/21 - 01/13/25	17	94	CI around median	0.001	0.00740
APW12	UD	E008	Lithium, total	mg/L	02/17/21 - 01/13/25	17	0	CI around mean	0.0281	0.0300
APW12	UD	E008	Mercury, total	mg/L	02/17/21 - 01/13/25	17	94	CI around median	0.0002	0.0002
APW12	UD	E008	Molybdenum, total	mg/L	02/17/21 - 01/13/25	16	69	CI around median	0.001	0.0180
APW12	UD	E008	pH (field)	SU	02/17/21 - 01/13/25	17	0	CI around median	6.3/6.5	6.4/7.8
APW12	UD	E008	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 01/13/25	16	0	CI around mean	0.304	6.90
APW12	UD	E008	Selenium, total	mg/L	02/17/21 - 01/13/25	17	100	All ND - Last	0.001	0.001
APW12	UD	E008	Sulfate, total	mg/L	02/17/21 - 01/13/25	17	0	CB around T-S line	407	35.8
APW12	UD	E008	Thallium, total	mg/L	02/17/21 - 01/13/25	17	100	All ND - Last	0.002	0.001
APW12	UD	E008	Total Dissolved Solids	mg/L	02/17/21 - 01/13/25	17	0	CB around linear reg	1,710	628
APW13	UA	E008	Antimony, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.001	0.003
APW13	UA	E008	Arsenic, total	mg/L	02/22/21 - 01/16/25	17	0	CI around mean	0.00379	0.0590
APW13	UA	E008	Barium, total	mg/L	02/22/21 - 01/16/25	17	0	CI around median	0.0505	0.300
APW13	UA	E008	Beryllium, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.001	0.001
APW13	UA	E008	Boron, total	mg/L	02/22/21 - 01/16/25	17	0	CI around mean	0.108	0.260
APW13	UA	E008	Cadmium, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.001	0.001
APW13	UA	E008	Chloride, total	mg/L	02/22/21 - 01/16/25	17	0	CI around mean	48.6	52.0
APW13	UA	E008	Chromium, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.0015	0.0110
APW13	UA	E008	Cobalt, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.001	0.00430
APW13	UA	E008	Fluoride, total	mg/L	02/22/21 - 01/16/25	17	18	CI around mean	0.362	0.633
APW13	UA	E008	Lead, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.001	0.00740
APW13	UA	E008	Lithium, total	mg/L	02/22/21 - 01/16/25	17	0	CI around mean	0.0263	0.0300
APW13	UA	E008	Mercury, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.0002	0.0002
APW13	UA	E008	Molybdenum, total	mg/L	02/22/21 - 01/16/25	16	0	CB around linear reg	0.00273	0.0180
APW13	UA	E008	pH (field)	SU	02/22/21 - 01/16/25	17	0	CI around mean	7.0/7.3	6.4/7.8
APW13	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 01/16/25	16	0	CI around mean	0.409	6.90

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APW13	UA	E008	Selenium, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.001	0.001
APW13	UA	E008	Sulfate, total	mg/L	02/22/21 - 01/16/25	17	0	CB around linear reg	250	35.8
APW13	UA	E008	Thallium, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.002	0.001
APW13	UA	E008	Total Dissolved Solids	mg/L	02/22/21 - 01/16/25	17	0	CB around linear reg	877	628
APW14	UA	E008	Antimony, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.001	0.003
APW14	UA	E008	Arsenic, total	mg/L	02/22/21 - 01/16/25	17	6	CI around mean	0.00529	0.0590
APW14	UA	E008	Barium, total	mg/L	02/22/21 - 01/16/25	17	6	CB around linear reg	0.0139	0.300
APW14	UA	E008	Beryllium, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.001	0.001
APW14	UA	E008	Boron, total	mg/L	02/22/21 - 01/16/25	17	6	CB around T-S line	0.0183	0.260
APW14	UA	E008	Cadmium, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.001	0.001
APW14	UA	E008	Chloride, total	mg/L	02/22/21 - 01/16/25	17	0	CB around linear reg	31.9	52.0
APW14	UA	E008	Chromium, total	mg/L	02/22/21 - 01/16/25	17	88	CB around T-S line	0.0000732	0.0110
APW14	UA	E008	Cobalt, total	mg/L	02/22/21 - 01/16/25	17	94	CB around T-S line	0.000472	0.00430
APW14	UA	E008	Fluoride, total	mg/L	02/22/21 - 01/16/25	17	29	CI around mean	0.288	0.633
APW14	UA	E008	Lead, total	mg/L	02/22/21 - 01/16/25	17	82	CI around median	0.001	0.00740
APW14	UA	E008	Lithium, total	mg/L	02/22/21 - 01/16/25	17	18	CB around linear reg	0.00352	0.0300
APW14	UA	E008	Mercury, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.0002	0.0002
APW14	UA	E008	Molybdenum, total	mg/L	02/22/21 - 01/16/25	16	6	CB around linear reg	-0.000113	0.0180
APW14	UA	E008	pH (field)	SU	02/22/21 - 01/16/25	17	0	CB around T-S line	6.9/7.1	6.4/7.8
APW14	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 01/16/25	16	0	CI around mean	0.496	6.90
APW14	UA	E008	Selenium, total	mg/L	02/22/21 - 01/16/25	17	94	Most recent sample	0.001	0.001
APW14	UA	E008	Sulfate, total	mg/L	02/22/21 - 01/16/25	17	0	CB around linear reg	358	35.8
APW14	UA	E008	Thallium, total	mg/L	02/22/21 - 01/16/25	17	100	All ND - Last	0.002	0.001
APW14	UA	E008	Total Dissolved Solids	mg/L	02/22/21 - 01/16/25	17	0	CI around mean	925	628
APW15	UA	E008	Antimony, total	mg/L	02/23/21 - 01/20/25	17	100	All ND - Last	0.001	0.003
APW15	UA	E008	Arsenic, total	mg/L	02/23/21 - 01/20/25	17	0	CB around linear reg	0.025	0.0590
APW15	UA	E008	Barium, total	mg/L	02/23/21 - 01/20/25	17	0	CI around mean	0.56	0.300

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APW15	UA	E008	Beryllium, total	mg/L	02/23/21 - 01/20/25	17	100	All ND - Last	0.001	0.001
APW15	UA	E008	Boron, total	mg/L	02/23/21 - 01/20/25	17	0	CI around mean	0.125	0.260
APW15	UA	E008	Cadmium, total	mg/L	02/23/21 - 01/20/25	17	100	All ND - Last	0.001	0.001
APW15	UA	E008	Chloride, total	mg/L	02/23/21 - 01/20/25	17	0	CI around median	230	52.0
APW15	UA	E008	Chromium, total	mg/L	02/23/21 - 01/20/25	17	47	CI around median	0.004	0.0110
APW15	UA	E008	Cobalt, total	mg/L	02/23/21 - 01/20/25	17	53	CB around T-S line	0.00107	0.00430
APW15	UA	E008	Fluoride, total	mg/L	02/23/21 - 01/20/25	17	12	CI around geomean	0.455	0.633
APW15	UA	E008	Lead, total	mg/L	02/23/21 - 01/20/25	17	35	CI around median	0.001	0.00740
APW15	UA	E008	Lithium, total	mg/L	02/23/21 - 01/20/25	17	47	CB around linear reg	0.00133	0.0300
APW15	UA	E008	Mercury, total	mg/L	02/23/21 - 01/20/25	17	100	All ND - Last	0.0002	0.0002
APW15	UA	E008	Molybdenum, total	mg/L	02/23/21 - 01/20/25	16	0	CB around linear reg	0.000606	0.0180
APW15	UA	E008	pH (field)	SU	02/23/21 - 01/20/25	17	0	CI around mean	7.0/7.2	6.4/7.8
APW15	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 01/20/25	16	0	CI around mean	1.76	6.90
APW15	UA	E008	Selenium, total	mg/L	02/23/21 - 01/20/25	17	100	All ND - Last	0.001	0.001
APW15	UA	E008	Sulfate, total	mg/L	02/23/21 - 01/20/25	17	76	CB around T-S line	1	35.8
APW15	UA	E008	Thallium, total	mg/L	02/23/21 - 01/20/25	17	100	All ND - Last	0.002	0.001
APW15	UA	E008	Total Dissolved Solids	mg/L	02/23/21 - 01/20/25	17	0	CI around median	1,000	628
APW16	UA	E008	Antimony, total	mg/L	02/23/21 - 01/14/25	17	100	All ND - Last	0.001	0.003
APW16	UA	E008	Arsenic, total	mg/L	02/23/21 - 01/14/25	17	0	CB around linear reg	0.0222	0.0590
APW16	UA	E008	Barium, total	mg/L	02/23/21 - 01/14/25	17	0	CB around linear reg	0.477	0.300
APW16	UA	E008	Beryllium, total	mg/L	02/23/21 - 01/14/25	17	100	All ND - Last	0.001	0.001
APW16	UA	E008	Boron, total	mg/L	02/23/21 - 01/14/25	17	0	CI around mean	0.128	0.260
APW16	UA	E008	Cadmium, total	mg/L	02/23/21 - 01/14/25	17	100	All ND - Last	0.001	0.001
APW16	UA	E008	Chloride, total	mg/L	02/23/21 - 01/14/25	17	0	CI around mean	66.2	52.0
APW16	UA	E008	Chromium, total	mg/L	02/23/21 - 01/14/25	17	100	All ND - Last	0.0015	0.0110
APW16	UA	E008	Cobalt, total	mg/L	02/23/21 - 01/14/25	17	100	All ND - Last	0.001	0.00430
APW16	UA	E008	Fluoride, total	mg/L	02/23/21 - 01/14/25	17	0	CI around mean	0.663	0.633

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APW16	UA	E008	Lead, total	mg/L	02/23/21 - 01/14/25	17	94	Most recent sample	0.001	0.00740
APW16	UA	E008	Lithium, total	mg/L	02/23/21 - 01/14/25	17	82	CB around T-S line	-0.00502	0.0300
APW16	UA	E008	Mercury, total	mg/L	02/23/21 - 01/14/25	17	100	All ND - Last	0.0002	0.0002
APW16	UA	E008	Molybdenum, total	mg/L	02/23/21 - 01/14/25	16	69	CI around median	0.001	0.0180
APW16	UA	E008	pH (field)	SU	02/23/21 - 01/14/25	17	0	CI around mean	7.2/7.5	6.4/7.8
APW16	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 01/14/25	16	0	CI around geomean	1.55	6.90
APW16	UA	E008	Selenium, total	mg/L	02/23/21 - 01/14/25	17	100	All ND - Last	0.001	0.001
APW16	UA	E008	Sulfate, total	mg/L	02/23/21 - 01/14/25	17	76	CB around T-S line	1	35.8
APW16	UA	E008	Thallium, total	mg/L	02/23/21 - 01/14/25	17	100	All ND - Last	0.002	0.001
APW16	UA	E008	Total Dissolved Solids	mg/L	02/23/21 - 01/14/25	17	0	CI around median	705	628
APW17	UA	E008	Antimony, total	mg/L	02/23/21 - 01/13/25	17	100	All ND - Last	0.001	0.003
APW17	UA	E008	Arsenic, total	mg/L	02/23/21 - 01/13/25	17	0	CB around linear reg	0.0215	0.0590
APW17	UA	E008	Barium, total	mg/L	02/23/21 - 01/13/25	17	0	CI around mean	0.561	0.300
APW17	UA	E008	Beryllium, total	mg/L	02/23/21 - 01/13/25	17	100	All ND - Last	0.001	0.001
APW17	UA	E008	Boron, total	mg/L	02/23/21 - 01/13/25	17	0	CI around geomean	0.0812	0.260
APW17	UA	E008	Cadmium, total	mg/L	02/23/21 - 01/13/25	17	100	All ND - Last	0.001	0.001
APW17	UA	E008	Chloride, total	mg/L	02/23/21 - 01/13/25	17	0	CI around median	51	52.0
APW17	UA	E008	Chromium, total	mg/L	02/23/21 - 01/13/25	17	100	All ND - Last	0.0015	0.0110
APW17	UA	E008	Cobalt, total	mg/L	02/23/21 - 01/13/25	17	100	All ND - Last	0.001	0.00430
APW17	UA	E008	Fluoride, total	mg/L	02/23/21 - 01/13/25	17	12	CI around mean	0.409	0.633
APW17	UA	E008	Lead, total	mg/L	02/23/21 - 01/13/25	17	94	CI around median	0.001	0.00740
APW17	UA	E008	Lithium, total	mg/L	02/23/21 - 01/13/25	17	94	CB around T-S line	-0.00507	0.0300
APW17	UA	E008	Mercury, total	mg/L	02/23/21 - 01/13/25	17	100	All ND - Last	0.0002	0.0002
APW17	UA	E008	Molybdenum, total	mg/L	02/23/21 - 01/13/25	16	0	CI around median	0.0048	0.0180
APW17	UA	E008	pH (field)	SU	02/23/21 - 01/13/25	17	0	CI around mean	7.2/7.5	6.4/7.8
APW17	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 01/13/25	16	0	CI around mean	1.21	6.90
APW17	UA	E008	Selenium, total	mg/L	02/23/21 - 01/13/25	17	100	All ND - Last	0.001	0.001

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APW17	UA	E008	Sulfate, total	mg/L	02/23/21 - 01/13/25	17	6	CB around T-S line	62.7	35.8
APW17	UA	E008	Thallium, total	mg/L	02/23/21 - 01/13/25	17	100	All ND - Last	0.002	0.001
APW17	UA	E008	Total Dissolved Solids	mg/L	02/23/21 - 01/13/25	17	0	CI around mean	646	628
APW18	UA	E008	Antimony, total	mg/L	02/23/21 - 01/13/25	17	94	CB around T-S line	-0.0000131	0.003
APW18	UA	E008	Arsenic, total	mg/L	02/23/21 - 01/13/25	17	6	CI around mean	0.00179	0.0590
APW18	UA	E008	Barium, total	mg/L	02/23/21 - 01/13/25	17	0	CI around median	0.34	0.300
APW18	UA	E008	Beryllium, total	mg/L	02/23/21 - 01/13/25	17	94	CI around median	0.001	0.001
APW18	UA	E008	Boron, total	mg/L	02/23/21 - 01/13/25	17	0	CI around geomean	0.107	0.260
APW18	UA	E008	Cadmium, total	mg/L	02/23/21 - 01/13/25	17	94	CI around median	0.001	0.001
APW18	UA	E008	Chloride, total	mg/L	02/23/21 - 01/13/25	17	0	CB around T-S line	-50.8	52.0
APW18	UA	E008	Chromium, total	mg/L	02/23/21 - 01/13/25	17	76	CB around T-S line	-0.00352	0.0110
APW18	UA	E008	Cobalt, total	mg/L	02/23/21 - 01/13/25	17	82	CB around T-S line	-0.000313	0.00430
APW18	UA	E008	Fluoride, total	mg/L	02/23/21 - 01/13/25	17	6	CB around linear reg	-3.02	0.633
APW18	UA	E008	Lead, total	mg/L	02/23/21 - 01/13/25	17	65	CB around T-S line	-0.00858	0.00740
APW18	UA	E008	Lithium, total	mg/L	02/23/21 - 01/13/25	17	59	CB around T-S line	0.000736	0.0300
APW18	UA	E008	Mercury, total	mg/L	02/23/21 - 01/13/25	17	94	CI around median	0.0002	0.0002
APW18	UA	E008	Molybdenum, total	mg/L	02/23/21 - 01/13/25	16	0	CB around T-S line	-0.0339	0.0180
APW18	UA	E008	pH (field)	SU	02/23/21 - 01/13/25	17	0	CI around mean	7.5/7.8	6.4/7.8
APW18	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 01/13/25	16	0	CI around mean	1.37	6.90
APW18	UA	E008	Selenium, total	mg/L	02/23/21 - 01/13/25	17	94	CI around median	0.001	0.001
APW18	UA	E008	Sulfate, total	mg/L	02/23/21 - 01/13/25	17	12	CI around median	2.2	35.8
APW18	UA	E008	Thallium, total	mg/L	02/23/21 - 01/13/25	17	88	CB around T-S line	0.001	0.001
APW18	UA	E008	Total Dissolved Solids	mg/L	02/23/21 - 01/13/25	17	0	CI around median	520	628

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Notes:

Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value

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

Events:

E008 = Quarter 1, 2025 sampling event

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

UD = Upper Drift

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

SU = standard units

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

Statistical Calculation = method used to calculate the statistical result:

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

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

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

CB around linear reg = Confidence band around linear regression

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

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

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

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

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

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

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

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

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

NS⁶ = Sampling pump could not yield a sample.

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

NS⁸ = A sample was not collected.

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

For pH, the values presented are the lower / upper limits of the background determination

ATTACHMENT B.
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NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW02	UD	E009	Antimony, total	mg/L	02/17/21 - 04/01/25	18	94	CB around T-S line	0.0000749	0.003
APW02	UD	E009	Arsenic, total	mg/L	02/17/21 - 04/01/25	18	83	CI around median	0.001	0.0590
APW02	UD	E009	Barium, total	mg/L	02/17/21 - 04/01/25	18	0	CI around geomean	0.0092	0.300
APW02	UD	E009	Beryllium, total	mg/L	02/17/21 - 04/01/25	18	100	All ND - Last	0.001	0.001
APW02	UD	E009	Boron, total	mg/L	02/17/21 - 04/01/25	18	0	CI around geomean	0.0931	0.260
APW02	UD	E009	Cadmium, total	mg/L	02/17/21 - 04/01/25	18	100	All ND - Last	0.001	0.001
APW02	UD	E009	Chloride, total	mg/L	02/17/21 - 04/01/25	18	0	CB around linear reg	70.3	52.0
APW02	UD	E009	Chromium, total	mg/L	02/17/21 - 04/01/25	18	83	CB around T-S line	0.000506	0.0110
APW02	UD	E009	Cobalt, total	mg/L	02/17/21 - 04/01/25	18	89	CB around T-S line	0.000608	0.00430
APW02	UD	E009	Fluoride, total	mg/L	02/17/21 - 04/01/25	18	72	CI around median	0.23	0.633
APW02	UD	E009	Lead, total	mg/L	02/17/21 - 04/01/25	18	94	CI around median	0.001	0.00740
APW02	UD	E009	Lithium, total	mg/L	02/17/21 - 04/01/25	18	0	CI around geomean	0.0943	0.0300
APW02	UD	E009	Mercury, total	mg/L	02/17/21 - 04/01/25	18	100	All ND - Last	0.0002	0.0002
APW02	UD	E009	Molybdenum, total	mg/L	02/17/21 - 04/01/25	17	47	CB around linear reg	0.00152	0.0180
APW02	UD	E009	pH (field)	SU	02/17/21 - 04/01/25	24	0	CI around median	6.6/6.8	6.4/7.8
APW02	UD	E009	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 04/01/25	17	0	CI around mean	0.319	6.90
APW02	UD	E009	Selenium, total	mg/L	02/17/21 - 04/01/25	18	100	All ND - Last	0.001	0.001
APW02	UD	E009	Sulfate, total	mg/L	02/17/21 - 04/01/25	18	0	CI around median	2,900	35.8
APW02	UD	E009	Thallium, total	mg/L	02/17/21 - 04/01/25	18	100	All ND - Last	0.002	0.001
APW02	UD	E009	Total Dissolved Solids	mg/L	02/17/21 - 04/01/25	24	0	CI around median	4,800	628
APW03	UD	E009	Antimony, total	mg/L	02/18/21 - 04/02/25	18	94	CB around T-S line	0.0000401	0.003
APW03	UD	E009	Arsenic, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.0590
APW03	UD	E009	Barium, total	mg/L	02/18/21 - 04/02/25	18	0	CB around linear reg	0.0969	0.300
APW03	UD	E009	Beryllium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW03	UD	E009	Boron, total	mg/L	02/18/21 - 04/02/25	18	0	CI around geomean	0.399	0.260
APW03	UD	E009	Cadmium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW03	UD	E009	Chloride, total	mg/L	02/18/21 - 04/02/25	18	0	CI around mean	7.88	52.0

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW03	UD	E009	Chromium, total	mg/L	02/18/21 - 04/02/25	18	78	CB around T-S line	0.000534	0.0110
APW03	UD	E009	Cobalt, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.00430
APW03	UD	E009	Fluoride, total	mg/L	02/18/21 - 04/02/25	18	67	CI around median	0.25	0.633
APW03	UD	E009	Lead, total	mg/L	02/18/21 - 04/02/25	18	94	CI around median	0.001	0.00740
APW03	UD	E009	Lithium, total	mg/L	02/18/21 - 04/02/25	18	22	CB around linear reg	0.004	0.0300
APW03	UD	E009	Mercury, total	mg/L	02/18/21 - 04/02/25	18	94	CI around median	0.0002	0.0002
APW03	UD	E009	Molybdenum, total	mg/L	02/18/21 - 04/02/25	17	47	CI around mean	0.00114	0.0180
APW03	UD	E009	pH (field)	SU	02/18/21 - 04/02/25	24	0	CI around mean	6.8/7.1	6.4/7.8
APW03	UD	E009	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 04/02/25	17	0	CI around geomean	0.231	6.90
APW03	UD	E009	Selenium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW03	UD	E009	Sulfate, total	mg/L	02/18/21 - 04/02/25	18	0	CB around linear reg	79.1	35.8
APW03	UD	E009	Thallium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.002	0.001
APW03	UD	E009	Total Dissolved Solids	mg/L	02/18/21 - 04/02/25	24	0	CI around mean	622	628
APW04	UD	E009	Antimony, total	mg/L	02/18/21 - 04/02/25	18	94	CB around T-S line	0.0000498	0.003
APW04	UD	E009	Arsenic, total	mg/L	02/18/21 - 04/02/25	18	61	CI around median	0.001	0.0590
APW04	UD	E009	Barium, total	mg/L	02/18/21 - 04/02/25	18	0	CI around mean	0.0183	0.300
APW04	UD	E009	Beryllium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW04	UD	E009	Boron, total	mg/L	02/18/21 - 04/02/25	18	6	CI around median	0.025	0.260
APW04	UD	E009	Cadmium, total	mg/L	02/18/21 - 04/02/25	18	94	CI around median	0.001	0.001
APW04	UD	E009	Chloride, total	mg/L	02/18/21 - 04/02/25	18	0	CI around mean	31.4	52.0
APW04	UD	E009	Chromium, total	mg/L	02/18/21 - 04/02/25	18	78	CB around T-S line	0.000765	0.0110
APW04	UD	E009	Cobalt, total	mg/L	02/18/21 - 04/02/25	18	94	CB around T-S line	0.000493	0.00430
APW04	UD	E009	Fluoride, total	mg/L	02/18/21 - 04/02/25	18	72	CI around median	0.25	0.633
APW04	UD	E009	Lead, total	mg/L	02/18/21 - 04/02/25	18	78	CI around median	0.001	0.00740
APW04	UD	E009	Lithium, total	mg/L	02/18/21 - 04/02/25	18	17	CI around median	0.021	0.0300
APW04	UD	E009	Mercury, total	mg/L	02/18/21 - 04/02/25	18	94	CI around median	0.0002	0.0002
APW04	UD	E009	Molybdenum, total	mg/L	02/18/21 - 04/02/25	17	82	CB around T-S line	0.001	0.0180

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW04	UD	E009	pH (field)	SU	02/18/21 - 04/02/25	24	0	CI around median	6.7/6.9	6.4/7.8
APW04	UD	E009	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 04/02/25	17	0	CI around mean	0.265	6.90
APW04	UD	E009	Selenium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW04	UD	E009	Sulfate, total	mg/L	02/18/21 - 04/02/25	18	0	CB around T-S line	657	35.8
APW04	UD	E009	Thallium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.002	0.001
APW04	UD	E009	Total Dissolved Solids	mg/L	02/18/21 - 04/02/25	24	0	CI around median	1,700	628
APW05S	UD	E009	Antimony, total	mg/L	02/17/21 - 04/01/25	17	100	All ND - Last	0.001	0.003
APW05S	UD	E009	Arsenic, total	mg/L	02/17/21 - 04/01/25	17	53	CI around median	0.001	0.0590
APW05S	UD	E009	Barium, total	mg/L	02/17/21 - 04/01/25	17	0	CB around T-S line	0.0179	0.300
APW05S	UD	E009	Beryllium, total	mg/L	02/17/21 - 04/01/25	17	100	All ND - Last	0.001	0.001
APW05S	UD	E009	Boron, total	mg/L	02/17/21 - 04/01/25	17	0	CI around median	0.039	0.260
APW05S	UD	E009	Cadmium, total	mg/L	02/17/21 - 04/01/25	17	94	CI around median	0.001	0.001
APW05S	UD	E009	Chloride, total	mg/L	02/17/21 - 04/01/25	17	0	CB around T-S line	37.1	52.0
APW05S	UD	E009	Chromium, total	mg/L	02/17/21 - 04/01/25	17	82	CB around T-S line	0.00032	0.0110
APW05S	UD	E009	Cobalt, total	mg/L	02/17/21 - 04/01/25	17	47	CB around T-S line	-0.00139	0.00430
APW05S	UD	E009	Fluoride, total	mg/L	02/17/21 - 04/01/25	17	18	CB around T-S line	0.362	0.633
APW05S	UD	E009	Lead, total	mg/L	02/17/21 - 04/01/25	17	94	CI around median	0.001	0.00740
APW05S	UD	E009	Lithium, total	mg/L	02/17/21 - 04/01/25	17	0	CI around median	0.0366	0.0300
APW05S	UD	E009	Mercury, total	mg/L	02/17/21 - 04/01/25	17	100	All ND - Last	0.0002	0.0002
APW05S	UD	E009	Molybdenum, total	mg/L	02/17/21 - 04/01/25	16	38	CI around median	0.0013	0.0180
APW05S	UD	E009	pH (field)	SU	02/17/21 - 04/01/25	17	0	CI around mean	6.6/6.9	6.4/7.8
APW05S	UD	E009	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 04/01/25	16	0	CI around geomean	0.26	6.90
APW05S	UD	E009	Selenium, total	mg/L	02/17/21 - 04/01/25	17	100	All ND - Last	0.001	0.001
APW05S	UD	E009	Sulfate, total	mg/L	02/17/21 - 04/01/25	17	0	CI around median	1,700	35.8
APW05S	UD	E009	Thallium, total	mg/L	02/17/21 - 04/01/25	17	100	All ND - Last	0.002	0.001
APW05S	UD	E009	Total Dissolved Solids	mg/L	02/17/21 - 04/01/25	17	0	CI around mean	3,350	628
APW07	UA	E009	Antimony, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.003

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW07	UA	E009	Arsenic, total	mg/L	12/15/15 - 04/02/25	20	0	CB around linear reg	0.0122	0.0590
APW07	UA	E009	Barium, total	mg/L	12/15/15 - 04/02/25	20	0	CB around T-S line	0.456	0.300
APW07	UA	E009	Beryllium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.001
APW07	UA	E009	Boron, total	mg/L	12/15/15 - 04/02/25	30	0	CI around median	0.0769	0.260
APW07	UA	E009	Cadmium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.001
APW07	UA	E009	Chloride, total	mg/L	12/15/15 - 04/02/25	33	0	CB around T-S line	55.4	52.0
APW07	UA	E009	Chromium, total	mg/L	12/15/15 - 04/02/25	20	50	CI around median	0.0031	0.0110
APW07	UA	E009	Cobalt, total	mg/L	12/15/15 - 04/02/25	19	74	CI around median	0.001	0.00430
APW07	UA	E009	Fluoride, total	mg/L	12/15/15 - 04/02/25	30	13	CI around mean	0.355	0.633
APW07	UA	E009	Lead, total	mg/L	12/15/15 - 04/02/25	20	60	CI around median	0.001	0.00740
APW07	UA	E009	Lithium, total	mg/L	12/15/15 - 04/02/25	20	65	CI around median	0.0042	0.0300
APW07	UA	E009	Mercury, total	mg/L	12/15/15 - 04/02/25	20	100	All ND - Last	0.0002	0.0002
APW07	UA	E009	Molybdenum, total	mg/L	12/15/15 - 04/02/25	19	0	CI around mean	0.00313	0.0180
APW07	UA	E009	pH (field)	SU	12/15/15 - 04/02/25	32	0	CI around mean	7.2/7.3	6.4/7.8
APW07	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 04/02/25	20	0	CI around mean	1.49	6.90
APW07	UA	E009	Selenium, total	mg/L	12/15/15 - 04/02/25	20	100	All ND - Last	0.001	0.001
APW07	UA	E009	Sulfate, total	mg/L	12/15/15 - 04/02/25	31	13	CB around T-S line	13	35.8
APW07	UA	E009	Thallium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.002	0.001
APW07	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 04/02/25	30	0	CB around T-S line	563	628
APW08	UA	E009	Antimony, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.003
APW08	UA	E009	Arsenic, total	mg/L	12/15/15 - 04/02/25	20	0	CB around linear reg	0.0218	0.0590
APW08	UA	E009	Barium, total	mg/L	12/15/15 - 04/02/25	20	0	CB around T-S line	0.463	0.300
APW08	UA	E009	Beryllium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.001
APW08	UA	E009	Boron, total	mg/L	12/15/15 - 04/02/25	30	0	CI around median	0.083	0.260
APW08	UA	E009	Cadmium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.001
APW08	UA	E009	Chloride, total	mg/L	12/15/15 - 04/02/25	32	0	CI around mean	55	52.0
APW08	UA	E009	Chromium, total	mg/L	12/15/15 - 04/02/25	20	50	CI around geomean	0.00215	0.0110

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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	Background
APW08	UA	E009	Cobalt, total	mg/L	12/15/15 - 04/02/25	19	68	CI around median	0.001	0.00430
APW08	UA	E009	Fluoride, total	mg/L	12/15/15 - 04/02/25	30	17	CI around mean	0.377	0.633
APW08	UA	E009	Lead, total	mg/L	12/15/15 - 04/02/25	20	60	CI around median	0.001	0.00740
APW08	UA	E009	Lithium, total	mg/L	12/15/15 - 04/02/25	20	55	CI around median	0.0034	0.0300
APW08	UA	E009	Mercury, total	mg/L	12/15/15 - 04/02/25	20	100	All ND - Last	0.0002	0.0002
APW08	UA	E009	Molybdenum, total	mg/L	12/15/15 - 04/02/25	19	0	CI around mean	0.00469	0.0180
APW08	UA	E009	pH (field)	SU	12/15/15 - 04/02/25	33	0	CI around mean	7.2/7.4	6.4/7.8
APW08	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 04/02/25	20	0	CI around geomean	0.952	6.90
APW08	UA	E009	Selenium, total	mg/L	12/15/15 - 04/02/25	20	95	CI around median	0.001	0.001
APW08	UA	E009	Sulfate, total	mg/L	12/15/15 - 04/02/25	32	0	CB around linear reg	50.2	35.8
APW08	UA	E009	Thallium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.002	0.001
APW08	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 04/02/25	30	0	CB around linear reg	614	628
APW09	UA	E009	Antimony, total	mg/L	12/15/15 - 04/02/25	19	95	CB around T-S line	0.000591	0.003
APW09	UA	E009	Arsenic, total	mg/L	12/15/15 - 04/02/25	20	0	CB around linear reg	0.0259	0.0590
APW09	UA	E009	Barium, total	mg/L	12/15/15 - 04/02/25	20	0	CB around linear reg	0.401	0.300
APW09	UA	E009	Beryllium, total	mg/L	12/15/15 - 04/02/25	19	95	Most recent sample	0.001	0.001
APW09	UA	E009	Boron, total	mg/L	12/15/15 - 04/02/25	30	0	CB around linear reg	0.1	0.260
APW09	UA	E009	Cadmium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.001	0.001
APW09	UA	E009	Chloride, total	mg/L	12/15/15 - 04/02/25	32	0	CB around T-S line	129	52.0
APW09	UA	E009	Chromium, total	mg/L	12/15/15 - 04/02/25	20	60	CI around median	0.0018	0.0110
APW09	UA	E009	Cobalt, total	mg/L	12/15/15 - 04/02/25	19	84	CI around median	0.001	0.00430
APW09	UA	E009	Fluoride, total	mg/L	12/15/15 - 04/02/25	31	13	CB around linear reg	0.248	0.633
APW09	UA	E009	Lead, total	mg/L	12/15/15 - 04/02/25	20	55	CI around median	0.001	0.00740
APW09	UA	E009	Lithium, total	mg/L	12/15/15 - 04/02/25	20	60	CI around median	0.0088	0.0300
APW09	UA	E009	Mercury, total	mg/L	12/15/15 - 04/02/25	20	90	CI around median	0.0002	0.0002
APW09	UA	E009	Molybdenum, total	mg/L	12/15/15 - 04/02/25	19	0	CB around linear reg	-0.00154	0.0180
APW09	UA	E009	pH (field)	SU	12/15/15 - 04/02/25	32	0	CI around median	7.4/7.5	6.4/7.8

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PRIMARY ASH POND
NEWTON, IL

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APW09	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 04/02/25	20	0	CI around geomean	1.01	6.90
APW09	UA	E009	Selenium, total	mg/L	12/15/15 - 04/02/25	20	95	CI around median	0.001	0.001
APW09	UA	E009	Sulfate, total	mg/L	12/15/15 - 04/02/25	32	12	CI around geomean	5.97	35.8
APW09	UA	E009	Thallium, total	mg/L	12/15/15 - 04/02/25	19	100	All ND - Last	0.002	0.001
APW09	UA	E009	Total Dissolved Solids	mg/L	12/15/15 - 04/02/25	31	0	CB around T-S line	797	628
APW10	UA	E009	Antimony, total	mg/L	12/16/15 - 04/02/25	21	95	CB around T-S line	0.000586	0.003
APW10	UA	E009	Arsenic, total	mg/L	12/16/15 - 04/02/25	22	4	CI around mean	0.00652	0.0590
APW10	UA	E009	Barium, total	mg/L	12/16/15 - 04/02/25	22	0	CI around mean	0.0288	0.300
APW10	UA	E009	Beryllium, total	mg/L	12/16/15 - 04/02/25	21	100	All ND - Last	0.001	0.001
APW10	UA	E009	Boron, total	mg/L	12/16/15 - 04/02/25	32	0	CI around median	0.0702	0.260
APW10	UA	E009	Cadmium, total	mg/L	12/16/15 - 04/02/25	21	100	All ND - Last	0.001	0.001
APW10	UA	E009	Chloride, total	mg/L	12/16/15 - 04/02/25	33	0	CB around linear reg	40.7	52.0
APW10	UA	E009	Chromium, total	mg/L	12/16/15 - 04/02/25	22	82	CB around T-S line	0.00171	0.0110
APW10	UA	E009	Cobalt, total	mg/L	12/16/15 - 04/02/25	21	90	CB around T-S line	0.000797	0.00430
APW10	UA	E009	Fluoride, total	mg/L	12/16/15 - 04/02/25	32	25	CI around mean	0.263	0.633
APW10	UA	E009	Lead, total	mg/L	12/16/15 - 04/02/25	22	86	CI around median	0.001	0.00740
APW10	UA	E009	Lithium, total	mg/L	12/16/15 - 04/02/25	22	4	CI around mean	0.0202	0.0300
APW10	UA	E009	Mercury, total	mg/L	12/16/15 - 04/02/25	22	100	All ND - Last	0.0002	0.0002
APW10	UA	E009	Molybdenum, total	mg/L	12/16/15 - 04/02/25	21	5	CB around T-S line	0.00431	0.0180
APW10	UA	E009	pH (field)	SU	12/16/15 - 04/02/25	35	0	CI around mean	7.1/7.2	6.4/7.8
APW10	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/16/15 - 04/02/25	22	0	CI around geomean	0.4	6.90
APW10	UA	E009	Selenium, total	mg/L	12/16/15 - 04/02/25	22	100	All ND - Last	0.001	0.001
APW10	UA	E009	Sulfate, total	mg/L	12/16/15 - 04/02/25	34	0	CI around median	410	35.8
APW10	UA	E009	Thallium, total	mg/L	12/16/15 - 04/02/25	21	100	All ND - Last	0.002	0.001
APW10	UA	E009	Total Dissolved Solids	mg/L	12/16/15 - 04/02/25	34	0	CB around T-S line	1,040	628
APW11	UA	E009	Antimony, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.003
APW11	UA	E009	Arsenic, total	mg/L	02/18/21 - 04/02/25	18	0	CI around mean	0.0027	0.0590

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APW11	UA	E009	Barium, total	mg/L	02/18/21 - 04/02/25	18	0	CB around T-S line	-0.122	0.300
APW11	UA	E009	Beryllium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW11	UA	E009	Boron, total	mg/L	02/18/21 - 04/02/25	18	0	CI around median	0.063	0.260
APW11	UA	E009	Cadmium, total	mg/L	02/18/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW11	UA	E009	Chloride, total	mg/L	02/18/21 - 04/02/25	18	0	CB around T-S line	16.2	52.0
APW11	UA	E009	Chromium, total	mg/L	02/18/21 - 04/02/25	18	67	CB around T-S line	-0.00252	0.0110
APW11	UA	E009	Cobalt, total	mg/L	02/18/21 - 04/02/25	18	72	CB around T-S line	0.000294	0.00430
APW11	UA	E009	Fluoride, total	mg/L	02/18/21 - 04/02/25	18	44	CB around T-S line	0.309	0.633
APW11	UA	E009	Lead, total	mg/L	02/18/21 - 04/02/25	18	61	CI around median	0.001	0.00740
APW11	UA	E009	Lithium, total	mg/L	02/18/21 - 04/02/25	18	6	CI around mean	0.02	0.0300
APW11	UA	E009	Mercury, total	mg/L	02/18/21 - 04/02/25	18	83	CI around median	0.0002	0.0002
APW11	UA	E009	Molybdenum, total	mg/L	02/18/21 - 04/02/25	17	0	CB around T-S line	-0.00687	0.0180
APW11	UA	E009	pH (field)	SU	02/18/21 - 04/02/25	18	0	CI around median	7.0/7.2	6.4/7.8
APW11	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 04/02/25	17	0	CI around geomean	0.659	6.90
APW11	UA	E009	Selenium, total	mg/L	02/18/21 - 04/02/25	18	83	CI around median	0.001	0.001
APW11	UA	E009	Sulfate, total	mg/L	02/18/21 - 04/02/25	18	0	CI around median	270	35.8
APW11	UA	E009	Thallium, total	mg/L	02/18/21 - 04/02/25	18	94	CB around T-S line	0.001	0.001
APW11	UA	E009	Total Dissolved Solids	mg/L	02/18/21 - 04/02/25	18	0	CI around mean	812	628
APW12	UD	E009	Antimony, total	mg/L	02/17/21 - 04/02/25	18	100	All ND - Last	0.001	0.003
APW12	UD	E009	Arsenic, total	mg/L	02/17/21 - 04/02/25	18	44	CB around linear reg	0.000422	0.0590
APW12	UD	E009	Barium, total	mg/L	02/17/21 - 04/02/25	18	0	CB around linear reg	0.0232	0.300
APW12	UD	E009	Beryllium, total	mg/L	02/17/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW12	UD	E009	Boron, total	mg/L	02/17/21 - 04/02/25	18	0	CB around linear reg	0.794	0.260
APW12	UD	E009	Cadmium, total	mg/L	02/17/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW12	UD	E009	Chloride, total	mg/L	02/17/21 - 04/02/25	18	0	CI around mean	23.9	52.0
APW12	UD	E009	Chromium, total	mg/L	02/17/21 - 04/02/25	18	100	All ND - Last	0.0015	0.0110
APW12	UD	E009	Cobalt, total	mg/L	02/17/21 - 04/02/25	18	28	CB around linear reg	-0.00153	0.00430

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APW12	UD	E009	Fluoride, total	mg/L	02/17/21 - 04/02/25	18	72	CI around median	0.22	0.633
APW12	UD	E009	Lead, total	mg/L	02/17/21 - 04/02/25	18	94	CI around median	0.001	0.00740
APW12	UD	E009	Lithium, total	mg/L	02/17/21 - 04/02/25	18	0	CI around geomean	0.0279	0.0300
APW12	UD	E009	Mercury, total	mg/L	02/17/21 - 04/02/25	18	94	CI around median	0.0002	0.0002
APW12	UD	E009	Molybdenum, total	mg/L	02/17/21 - 04/02/25	17	65	CI around median	0.001	0.0180
APW12	UD	E009	pH (field)	SU	02/17/21 - 04/02/25	18	0	CI around median	6.3/6.5	6.4/7.8
APW12	UD	E009	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 04/02/25	17	0	CI around mean	0.335	6.90
APW12	UD	E009	Selenium, total	mg/L	02/17/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW12	UD	E009	Sulfate, total	mg/L	02/17/21 - 04/02/25	18	0	CB around T-S line	639	35.8
APW12	UD	E009	Thallium, total	mg/L	02/17/21 - 04/02/25	18	100	All ND - Last	0.002	0.001
APW12	UD	E009	Total Dissolved Solids	mg/L	02/17/21 - 04/02/25	18	0	CB around linear reg	1,760	628
APW13	UA	E009	Antimony, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.003
APW13	UA	E009	Arsenic, total	mg/L	02/22/21 - 04/02/25	18	0	CI around mean	0.00389	0.0590
APW13	UA	E009	Barium, total	mg/L	02/22/21 - 04/02/25	18	0	CI around median	0.051	0.300
APW13	UA	E009	Beryllium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW13	UA	E009	Boron, total	mg/L	02/22/21 - 04/02/25	18	0	CI around mean	0.11	0.260
APW13	UA	E009	Cadmium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW13	UA	E009	Chloride, total	mg/L	02/22/21 - 04/02/25	18	0	CI around geomean	48.8	52.0
APW13	UA	E009	Chromium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.0015	0.0110
APW13	UA	E009	Cobalt, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.00430
APW13	UA	E009	Fluoride, total	mg/L	02/22/21 - 04/02/25	18	22	CI around mean	0.363	0.633
APW13	UA	E009	Lead, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.00740
APW13	UA	E009	Lithium, total	mg/L	02/22/21 - 04/02/25	18	0	CI around mean	0.0264	0.0300
APW13	UA	E009	Mercury, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.0002	0.0002
APW13	UA	E009	Molybdenum, total	mg/L	02/22/21 - 04/02/25	17	0	CB around linear reg	0.00314	0.0180
APW13	UA	E009	pH (field)	SU	02/22/21 - 04/02/25	18	0	CI around mean	7.0/7.3	6.4/7.8
APW13	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 04/02/25	17	0	CI around mean	0.391	6.90

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APW13	UA	E009	Selenium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW13	UA	E009	Sulfate, total	mg/L	02/22/21 - 04/02/25	18	0	CB around linear reg	253	35.8
APW13	UA	E009	Thallium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.002	0.001
APW13	UA	E009	Total Dissolved Solids	mg/L	02/22/21 - 04/02/25	18	0	CB around linear reg	888	628
APW14	UA	E009	Antimony, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.003
APW14	UA	E009	Arsenic, total	mg/L	02/22/21 - 04/02/25	18	6	CI around mean	0.00541	0.0590
APW14	UA	E009	Barium, total	mg/L	02/22/21 - 04/02/25	18	6	CB around linear reg	0.0173	0.300
APW14	UA	E009	Beryllium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW14	UA	E009	Boron, total	mg/L	02/22/21 - 04/02/25	18	6	CI around median	0.0888	0.260
APW14	UA	E009	Cadmium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW14	UA	E009	Chloride, total	mg/L	02/22/21 - 04/02/25	18	0	CB around linear reg	32.4	52.0
APW14	UA	E009	Chromium, total	mg/L	02/22/21 - 04/02/25	18	89	CB around T-S line	-0.000118	0.0110
APW14	UA	E009	Cobalt, total	mg/L	02/22/21 - 04/02/25	18	94	CB around T-S line	0.000443	0.00430
APW14	UA	E009	Fluoride, total	mg/L	02/22/21 - 04/02/25	18	33	CI around mean	0.29	0.633
APW14	UA	E009	Lead, total	mg/L	02/22/21 - 04/02/25	18	83	CI around median	0.001	0.00740
APW14	UA	E009	Lithium, total	mg/L	02/22/21 - 04/02/25	18	17	CB around linear reg	0.00462	0.0300
APW14	UA	E009	Mercury, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.0002	0.0002
APW14	UA	E009	Molybdenum, total	mg/L	02/22/21 - 04/02/25	17	6	CB around linear reg	0.000232	0.0180
APW14	UA	E009	pH (field)	SU	02/22/21 - 04/02/25	18	0	CB around T-S line	6.9/7.1	6.4/7.8
APW14	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 04/02/25	17	0	CI around mean	0.507	6.90
APW14	UA	E009	Selenium, total	mg/L	02/22/21 - 04/02/25	18	94	Most recent sample	0.001	0.001
APW14	UA	E009	Sulfate, total	mg/L	02/22/21 - 04/02/25	18	0	CB around linear reg	361	35.8
APW14	UA	E009	Thallium, total	mg/L	02/22/21 - 04/02/25	18	100	All ND - Last	0.002	0.001
APW14	UA	E009	Total Dissolved Solids	mg/L	02/22/21 - 04/02/25	18	0	CI around mean	931	628
APW15	UA	E009	Antimony, total	mg/L	02/23/21 - 04/02/25	18	100	All ND - Last	0.001	0.003
APW15	UA	E009	Arsenic, total	mg/L	02/23/21 - 04/02/25	18	0	CB around linear reg	0.0269	0.0590
APW15	UA	E009	Barium, total	mg/L	02/23/21 - 04/02/25	18	0	CI around mean	0.563	0.300

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APW15	UA	E009	Beryllium, total	mg/L	02/23/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW15	UA	E009	Boron, total	mg/L	02/23/21 - 04/02/25	18	0	CI around mean	0.126	0.260
APW15	UA	E009	Cadmium, total	mg/L	02/23/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW15	UA	E009	Chloride, total	mg/L	02/23/21 - 04/02/25	18	0	CI around median	230	52.0
APW15	UA	E009	Chromium, total	mg/L	02/23/21 - 04/02/25	18	44	CI around geomean	0.00278	0.0110
APW15	UA	E009	Cobalt, total	mg/L	02/23/21 - 04/02/25	18	50	CB around linear reg	0.00105	0.00430
APW15	UA	E009	Fluoride, total	mg/L	02/23/21 - 04/02/25	18	17	CI around median	0.48	0.633
APW15	UA	E009	Lead, total	mg/L	02/23/21 - 04/02/25	18	33	CI around median	0.001	0.00740
APW15	UA	E009	Lithium, total	mg/L	02/23/21 - 04/02/25	18	44	CB around linear reg	0.00126	0.0300
APW15	UA	E009	Mercury, total	mg/L	02/23/21 - 04/02/25	18	100	All ND - Last	0.0002	0.0002
APW15	UA	E009	Molybdenum, total	mg/L	02/23/21 - 04/02/25	17	0	CB around linear reg	0.0007	0.0180
APW15	UA	E009	pH (field)	SU	02/23/21 - 04/02/25	18	0	CI around mean	7.0/7.2	6.4/7.8
APW15	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 04/02/25	17	0	CI around mean	1.83	6.90
APW15	UA	E009	Selenium, total	mg/L	02/23/21 - 04/02/25	18	100	All ND - Last	0.001	0.001
APW15	UA	E009	Sulfate, total	mg/L	02/23/21 - 04/02/25	18	72	CB around T-S line	1	35.8
APW15	UA	E009	Thallium, total	mg/L	02/23/21 - 04/02/25	18	100	All ND - Last	0.002	0.001
APW15	UA	E009	Total Dissolved Solids	mg/L	02/23/21 - 04/02/25	18	0	CI around median	1,000	628
APW16	UA	E009	Antimony, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.003
APW16	UA	E009	Arsenic, total	mg/L	02/23/21 - 04/01/25	18	0	CB around linear reg	0.0233	0.0590
APW16	UA	E009	Barium, total	mg/L	02/23/21 - 04/01/25	18	0	CI around mean	0.552	0.300
APW16	UA	E009	Beryllium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.001
APW16	UA	E009	Boron, total	mg/L	02/23/21 - 04/01/25	18	0	CI around mean	0.129	0.260
APW16	UA	E009	Cadmium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.001
APW16	UA	E009	Chloride, total	mg/L	02/23/21 - 04/01/25	18	0	CI around mean	66.3	52.0
APW16	UA	E009	Chromium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.0015	0.0110
APW16	UA	E009	Cobalt, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.00430
APW16	UA	E009	Fluoride, total	mg/L	02/23/21 - 04/01/25	18	0	CI around mean	0.668	0.633

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APW16	UA	E009	Lead, total	mg/L	02/23/21 - 04/01/25	18	94	Most recent sample	0.001	0.00740
APW16	UA	E009	Lithium, total	mg/L	02/23/21 - 04/01/25	18	78	CB around T-S line	-0.00541	0.0300
APW16	UA	E009	Mercury, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.0002	0.0002
APW16	UA	E009	Molybdenum, total	mg/L	02/23/21 - 04/01/25	17	71	CI around median	0.001	0.0180
APW16	UA	E009	pH (field)	SU	02/23/21 - 04/01/25	18	0	CI around mean	7.3/7.5	6.4/7.8
APW16	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 04/01/25	17	0	CI around geomean	1.58	6.90
APW16	UA	E009	Selenium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.001
APW16	UA	E009	Sulfate, total	mg/L	02/23/21 - 04/01/25	18	78	CB around T-S line	1	35.8
APW16	UA	E009	Thallium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.002	0.001
APW16	UA	E009	Total Dissolved Solids	mg/L	02/23/21 - 04/01/25	18	0	CI around median	720	628
APW17	UA	E009	Antimony, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.003
APW17	UA	E009	Arsenic, total	mg/L	02/23/21 - 04/01/25	18	0	CB around linear reg	0.019	0.0590
APW17	UA	E009	Barium, total	mg/L	02/23/21 - 04/01/25	18	0	CI around mean	0.557	0.300
APW17	UA	E009	Beryllium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.001
APW17	UA	E009	Boron, total	mg/L	02/23/21 - 04/01/25	18	0	CI around geomean	0.0815	0.260
APW17	UA	E009	Cadmium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.001
APW17	UA	E009	Chloride, total	mg/L	02/23/21 - 04/01/25	18	0	CI around median	52.2	52.0
APW17	UA	E009	Chromium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.0015	0.0110
APW17	UA	E009	Cobalt, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.00430
APW17	UA	E009	Fluoride, total	mg/L	02/23/21 - 04/01/25	18	11	CI around mean	0.415	0.633
APW17	UA	E009	Lead, total	mg/L	02/23/21 - 04/01/25	18	94	CI around median	0.001	0.00740
APW17	UA	E009	Lithium, total	mg/L	02/23/21 - 04/01/25	18	89	CB around T-S line	-0.00544	0.0300
APW17	UA	E009	Mercury, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.0002	0.0002
APW17	UA	E009	Molybdenum, total	mg/L	02/23/21 - 04/01/25	17	0	CI around median	0.0048	0.0180
APW17	UA	E009	pH (field)	SU	02/23/21 - 04/01/25	18	0	CI around mean	7.2/7.5	6.4/7.8
APW17	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 04/01/25	17	0	CI around mean	1.24	6.90
APW17	UA	E009	Selenium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.001	0.001

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NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW17	UA	E009	Sulfate, total	mg/L	02/23/21 - 04/01/25	18	6	CB around T-S line	64.6	35.8
APW17	UA	E009	Thallium, total	mg/L	02/23/21 - 04/01/25	18	100	All ND - Last	0.002	0.001
APW17	UA	E009	Total Dissolved Solids	mg/L	02/23/21 - 04/01/25	18	0	CB around linear reg	674	628
APW18	UA	E009	Antimony, total	mg/L	02/23/21 - 04/01/25	18	94	CB around T-S line	-0.0000292	0.003
APW18	UA	E009	Arsenic, total	mg/L	02/23/21 - 04/01/25	18	6	CI around mean	0.00178	0.0590
APW18	UA	E009	Barium, total	mg/L	02/23/21 - 04/01/25	18	0	CI around median	0.34	0.300
APW18	UA	E009	Beryllium, total	mg/L	02/23/21 - 04/01/25	18	94	CI around median	0.001	0.001
APW18	UA	E009	Boron, total	mg/L	02/23/21 - 04/01/25	18	0	CI around geomean	0.108	0.260
APW18	UA	E009	Cadmium, total	mg/L	02/23/21 - 04/01/25	18	94	CI around median	0.001	0.001
APW18	UA	E009	Chloride, total	mg/L	02/23/21 - 04/01/25	18	0	CB around T-S line	-26.5	52.0
APW18	UA	E009	Chromium, total	mg/L	02/23/21 - 04/01/25	18	78	CB around T-S line	-0.00315	0.0110
APW18	UA	E009	Cobalt, total	mg/L	02/23/21 - 04/01/25	18	83	CB around T-S line	-0.000449	0.00430
APW18	UA	E009	Fluoride, total	mg/L	02/23/21 - 04/01/25	18	6	CB around linear reg	-2.84	0.633
APW18	UA	E009	Lead, total	mg/L	02/23/21 - 04/01/25	18	67	CB around T-S line	-0.00549	0.00740
APW18	UA	E009	Lithium, total	mg/L	02/23/21 - 04/01/25	18	56	CB around T-S line	0.000549	0.0300
APW18	UA	E009	Mercury, total	mg/L	02/23/21 - 04/01/25	18	94	CI around median	0.0002	0.0002
APW18	UA	E009	Molybdenum, total	mg/L	02/23/21 - 04/01/25	17	0	CB around T-S line	-0.0295	0.0180
APW18	UA	E009	pH (field)	SU	02/23/21 - 04/01/25	18	0	CI around mean	7.5/7.8	6.4/7.8
APW18	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 04/01/25	17	0	CI around mean	1.39	6.90
APW18	UA	E009	Selenium, total	mg/L	02/23/21 - 04/01/25	18	94	CI around median	0.001	0.001
APW18	UA	E009	Sulfate, total	mg/L	02/23/21 - 04/01/25	18	11	CI around median	4.8	35.8
APW18	UA	E009	Thallium, total	mg/L	02/23/21 - 04/01/25	18	89	CB around T-S line	0.001	0.001
APW18	UA	E009	Total Dissolved Solids	mg/L	02/23/21 - 04/01/25	18	0	CI around median	535	628

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
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PRIMARY ASH POND
NEWTON, IL

Notes:

Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value

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

Events:

E009 = Quarter 2, 2025 sampling event

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

UD = Upper Drift

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

SU = standard units

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

Statistical Calculation = method used to calculate the statistical result:

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

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

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

CB around linear reg = Confidence band around linear regression

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

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

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

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

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

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

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

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

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

NS⁶ = Sampling pump could not yield a sample.

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

NS⁸ = A sample was not collected.

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

For pH, the values presented are the lower / upper limits of the background determination

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 3, 2025
845 QUARTERLY REPORT
NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW02	UD	E010	Antimony, total	mg/L	02/17/21 - 07/07/25	19	95	CB around T-S line	-0.0000557	0.003
APW02	UD	E010	Arsenic, total	mg/L	02/17/21 - 07/07/25	19	79	CI around median	0.001	0.0590
APW02	UD	E010	Barium, total	mg/L	02/17/21 - 07/07/25	19	0	CI around geomean	0.00941	0.300
APW02	UD	E010	Beryllium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW02	UD	E010	Boron, total	mg/L	02/17/21 - 07/07/25	19	0	CI around geomean	0.0948	0.260
APW02	UD	E010	Cadmium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW02	UD	E010	Chloride, total	mg/L	02/17/21 - 07/07/25	19	0	CI around mean	94.1	52.0
APW02	UD	E010	Chromium, total	mg/L	02/17/21 - 07/07/25	19	79	CB around T-S line	0.000281	0.0110
APW02	UD	E010	Cobalt, total	mg/L	02/17/21 - 07/07/25	19	84	CB around T-S line	0.000542	0.00430
APW02	UD	E010	Fluoride, total	mg/L	02/17/21 - 07/07/25	19	74	CI around median	0.23	0.633
APW02	UD	E010	Lead, total	mg/L	02/17/21 - 07/07/25	19	90	CI around median	0.001	0.00740
APW02	UD	E010	Lithium, total	mg/L	02/17/21 - 07/07/25	19	0	CI around median	0.098	0.0300
APW02	UD	E010	Mercury, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.0002	0.0002
APW02	UD	E010	Molybdenum, total	mg/L	02/17/21 - 07/07/25	18	56	CB around T-S line	0.00107	0.0180
APW02	UD	E010	pH (field)	SU	02/17/21 - 07/07/25	25	0	CI around mean	6.6/6.8	6.4/7.8
APW02	UD	E010	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 07/07/25	18	0	CI around mean	0.358	6.90
APW02	UD	E010	Selenium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW02	UD	E010	Sulfate, total	mg/L	02/17/21 - 07/07/25	19	0	CI around median	2,900	35.8
APW02	UD	E010	Thallium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.002	0.001
APW02	UD	E010	Total Dissolved Solids	mg/L	02/17/21 - 07/07/25	25	0	CI around median	4,800	628
APW03	UD	E010	Antimony, total	mg/L	02/18/21 - 07/07/25	19	95	CB around T-S line	-0.0000911	0.003
APW03	UD	E010	Arsenic, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.0590
APW03	UD	E010	Barium, total	mg/L	02/18/21 - 07/07/25	19	0	CB around linear reg	0.095	0.300
APW03	UD	E010	Beryllium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW03	UD	E010	Boron, total	mg/L	02/18/21 - 07/07/25	19	0	CI around geomean	0.4	0.260
APW03	UD	E010	Cadmium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW03	UD	E010	Chloride, total	mg/L	02/18/21 - 07/07/25	19	0	CI around mean	7.91	52.0

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 3, 2025
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NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW03	UD	E010	Chromium, total	mg/L	02/18/21 - 07/07/25	19	79	CB around T-S line	0.000396	0.0110
APW03	UD	E010	Cobalt, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.00430
APW03	UD	E010	Fluoride, total	mg/L	02/18/21 - 07/07/25	19	68	CI around median	0.25	0.633
APW03	UD	E010	Lead, total	mg/L	02/18/21 - 07/07/25	19	95	CI around median	0.001	0.00740
APW03	UD	E010	Lithium, total	mg/L	02/18/21 - 07/07/25	19	21	CB around linear reg	0.00348	0.0300
APW03	UD	E010	Mercury, total	mg/L	02/18/21 - 07/07/25	19	95	CI around median	0.0002	0.0002
APW03	UD	E010	Molybdenum, total	mg/L	02/18/21 - 07/07/25	18	50	CI around mean	0.00114	0.0180
APW03	UD	E010	pH (field)	SU	02/18/21 - 07/07/25	25	0	CI around mean	6.8/7.1	6.4/7.8
APW03	UD	E010	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 07/07/25	18	0	CI around geomean	0.233	6.90
APW03	UD	E010	Selenium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW03	UD	E010	Sulfate, total	mg/L	02/18/21 - 07/07/25	19	0	CB around linear reg	78.6	35.8
APW03	UD	E010	Thallium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.002	0.001
APW03	UD	E010	Total Dissolved Solids	mg/L	02/18/21 - 07/07/25	25	0	CI around mean	624	628
APW04	UD	E010	Antimony, total	mg/L	02/18/21 - 07/07/25	19	95	CB around T-S line	-0.0000785	0.003
APW04	UD	E010	Arsenic, total	mg/L	02/18/21 - 07/07/25	19	63	CI around median	0.001	0.0590
APW04	UD	E010	Barium, total	mg/L	02/18/21 - 07/07/25	19	0	CI around mean	0.0178	0.300
APW04	UD	E010	Beryllium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW04	UD	E010	Boron, total	mg/L	02/18/21 - 07/07/25	19	10	CI around median	0.024	0.260
APW04	UD	E010	Cadmium, total	mg/L	02/18/21 - 07/07/25	19	95	CI around median	0.001	0.001
APW04	UD	E010	Chloride, total	mg/L	02/18/21 - 07/07/25	19	0	CI around mean	31.5	52.0
APW04	UD	E010	Chromium, total	mg/L	02/18/21 - 07/07/25	19	79	CB around T-S line	0.000512	0.0110
APW04	UD	E010	Cobalt, total	mg/L	02/18/21 - 07/07/25	19	95	CB around T-S line	0.000444	0.00430
APW04	UD	E010	Fluoride, total	mg/L	02/18/21 - 07/07/25	19	74	CI around median	0.25	0.633
APW04	UD	E010	Lead, total	mg/L	02/18/21 - 07/07/25	19	79	CI around median	0.001	0.00740
APW04	UD	E010	Lithium, total	mg/L	02/18/21 - 07/07/25	19	16	CI around median	0.0202	0.0300
APW04	UD	E010	Mercury, total	mg/L	02/18/21 - 07/07/25	19	95	CI around median	0.0002	0.0002
APW04	UD	E010	Molybdenum, total	mg/L	02/18/21 - 07/07/25	18	89	CB around T-S line	0.001	0.0180

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 3, 2025
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NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW04	UD	E010	pH (field)	SU	02/18/21 - 07/07/25	25	0	CI around median	6.7/6.9	6.4/7.8
APW04	UD	E010	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 07/07/25	18	0	CI around mean	0.298	6.90
APW04	UD	E010	Selenium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW04	UD	E010	Sulfate, total	mg/L	02/18/21 - 07/07/25	19	0	CI around median	815	35.8
APW04	UD	E010	Thallium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.002	0.001
APW04	UD	E010	Total Dissolved Solids	mg/L	02/18/21 - 07/07/25	25	0	CI around median	1,700	628
APW05S	UD	E010	Antimony, total	mg/L	02/17/21 - 07/07/25	18	100	All ND - Last	0.001	0.003
APW05S	UD	E010	Arsenic, total	mg/L	02/17/21 - 07/07/25	18	56	CI around median	0.001	0.0590
APW05S	UD	E010	Barium, total	mg/L	02/17/21 - 07/07/25	18	0	CB around T-S line	0.018	0.300
APW05S	UD	E010	Beryllium, total	mg/L	02/17/21 - 07/07/25	18	100	All ND - Last	0.001	0.001
APW05S	UD	E010	Boron, total	mg/L	02/17/21 - 07/07/25	18	0	CI around median	0.04	0.260
APW05S	UD	E010	Cadmium, total	mg/L	02/17/21 - 07/07/25	18	94	CI around median	0.001	0.001
APW05S	UD	E010	Chloride, total	mg/L	02/17/21 - 07/07/25	18	0	CB around T-S line	49	52.0
APW05S	UD	E010	Chromium, total	mg/L	02/17/21 - 07/07/25	18	83	CB around T-S line	0.000206	0.0110
APW05S	UD	E010	Cobalt, total	mg/L	02/17/21 - 07/07/25	18	50	CB around T-S line	-0.00113	0.00430
APW05S	UD	E010	Fluoride, total	mg/L	02/17/21 - 07/07/25	18	22	CB around T-S line	0.373	0.633
APW05S	UD	E010	Lead, total	mg/L	02/17/21 - 07/07/25	18	94	CI around median	0.001	0.00740
APW05S	UD	E010	Lithium, total	mg/L	02/17/21 - 07/07/25	18	0	CI around median	0.037	0.0300
APW05S	UD	E010	Mercury, total	mg/L	02/17/21 - 07/07/25	18	100	All ND - Last	0.0002	0.0002
APW05S	UD	E010	Molybdenum, total	mg/L	02/17/21 - 07/07/25	17	47	CI around median	0.0013	0.0180
APW05S	UD	E010	pH (field)	SU	02/17/21 - 07/07/25	18	0	CI around mean	6.6/6.9	6.4/7.8
APW05S	UD	E010	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 07/07/25	17	0	CI around geomean	0.277	6.90
APW05S	UD	E010	Selenium, total	mg/L	02/17/21 - 07/07/25	18	100	All ND - Last	0.001	0.001
APW05S	UD	E010	Sulfate, total	mg/L	02/17/21 - 07/07/25	18	0	CI around median	1,790	35.8
APW05S	UD	E010	Thallium, total	mg/L	02/17/21 - 07/07/25	18	100	All ND - Last	0.002	0.001
APW05S	UD	E010	Total Dissolved Solids	mg/L	02/17/21 - 07/07/25	18	0	CI around mean	3,370	628
APW07	UA	E010	Antimony, total	mg/L	12/15/15 - 07/09/25	20	100	All ND - Last	0.001	0.003

ATTACHMENT B.
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NEWTON POWER PLANT
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NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW07	UA	E010	Arsenic, total	mg/L	12/15/15 - 07/09/25	21	0	CB around linear reg	0.012	0.0590
APW07	UA	E010	Barium, total	mg/L	12/15/15 - 07/09/25	21	0	CB around T-S line	0.452	0.300
APW07	UA	E010	Beryllium, total	mg/L	12/15/15 - 07/09/25	20	100	All ND - Last	0.001	0.001
APW07	UA	E010	Boron, total	mg/L	12/15/15 - 07/09/25	31	0	CB around T-S line	0.0833	0.260
APW07	UA	E010	Cadmium, total	mg/L	12/15/15 - 07/09/25	20	100	All ND - Last	0.001	0.001
APW07	UA	E010	Chloride, total	mg/L	12/15/15 - 07/09/25	34	0	CB around T-S line	55.5	52.0
APW07	UA	E010	Chromium, total	mg/L	12/15/15 - 07/09/25	21	48	CI around median	0.0031	0.0110
APW07	UA	E010	Cobalt, total	mg/L	12/15/15 - 07/09/25	20	75	CI around median	0.001	0.00430
APW07	UA	E010	Fluoride, total	mg/L	12/15/15 - 07/09/25	31	16	CI around mean	0.375	0.633
APW07	UA	E010	Lead, total	mg/L	12/15/15 - 07/09/25	21	62	CI around median	0.001	0.00740
APW07	UA	E010	Lithium, total	mg/L	12/15/15 - 07/09/25	21	62	CI around median	0.0042	0.0300
APW07	UA	E010	Mercury, total	mg/L	12/15/15 - 07/09/25	21	100	All ND - Last	0.0002	0.0002
APW07	UA	E010	Molybdenum, total	mg/L	12/15/15 - 07/09/25	20	0	CI around mean	0.00306	0.0180
APW07	UA	E010	pH (field)	SU	12/15/15 - 07/09/25	33	0	CI around mean	7.1/7.3	6.4/7.8
APW07	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 07/09/25	21	0	CI around mean	1.5	6.90
APW07	UA	E010	Selenium, total	mg/L	12/15/15 - 07/09/25	21	100	All ND - Last	0.001	0.001
APW07	UA	E010	Sulfate, total	mg/L	12/15/15 - 07/09/25	32	12	CB around T-S line	13.8	35.8
APW07	UA	E010	Thallium, total	mg/L	12/15/15 - 07/09/25	20	100	All ND - Last	0.002	0.001
APW07	UA	E010	Total Dissolved Solids	mg/L	12/15/15 - 07/09/25	31	0	CB around T-S line	563	628
APW08	UA	E010	Antimony, total	mg/L	12/15/15 - 07/07/25	20	100	All ND - Last	0.001	0.003
APW08	UA	E010	Arsenic, total	mg/L	12/15/15 - 07/07/25	21	0	CB around linear reg	0.0203	0.0590
APW08	UA	E010	Barium, total	mg/L	12/15/15 - 07/07/25	21	0	CB around T-S line	0.45	0.300
APW08	UA	E010	Beryllium, total	mg/L	12/15/15 - 07/07/25	20	100	All ND - Last	0.001	0.001
APW08	UA	E010	Boron, total	mg/L	12/15/15 - 07/07/25	31	0	CI around median	0.0838	0.260
APW08	UA	E010	Cadmium, total	mg/L	12/15/15 - 07/07/25	20	100	All ND - Last	0.001	0.001
APW08	UA	E010	Chloride, total	mg/L	12/15/15 - 07/07/25	33	0	CI around mean	55	52.0
APW08	UA	E010	Chromium, total	mg/L	12/15/15 - 07/07/25	21	52	CI around median	0.0034	0.0110

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 3, 2025
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NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW08	UA	E010	Cobalt, total	mg/L	12/15/15 - 07/07/25	20	70	CI around median	0.001	0.00430
APW08	UA	E010	Fluoride, total	mg/L	12/15/15 - 07/07/25	31	19	CI around mean	0.377	0.633
APW08	UA	E010	Lead, total	mg/L	12/15/15 - 07/07/25	21	62	CI around median	0.001	0.00740
APW08	UA	E010	Lithium, total	mg/L	12/15/15 - 07/07/25	21	57	CI around median	0.0034	0.0300
APW08	UA	E010	Mercury, total	mg/L	12/15/15 - 07/07/25	21	100	All ND - Last	0.0002	0.0002
APW08	UA	E010	Molybdenum, total	mg/L	12/15/15 - 07/07/25	20	0	CI around mean	0.00465	0.0180
APW08	UA	E010	pH (field)	SU	12/15/15 - 07/07/25	34	0	CI around mean	7.2/7.3	6.4/7.8
APW08	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 07/07/25	21	0	CI around geomean	0.957	6.90
APW08	UA	E010	Selenium, total	mg/L	12/15/15 - 07/07/25	21	95	CI around median	0.001	0.001
APW08	UA	E010	Sulfate, total	mg/L	12/15/15 - 07/07/25	33	0	CB around linear reg	51.2	35.8
APW08	UA	E010	Thallium, total	mg/L	12/15/15 - 07/07/25	20	100	All ND - Last	0.002	0.001
APW08	UA	E010	Total Dissolved Solids	mg/L	12/15/15 - 07/07/25	31	0	CB around linear reg	624	628
APW09	UA	E010	Antimony, total	mg/L	12/15/15 - 07/07/25	20	95	CB around T-S line	0.000541	0.003
APW09	UA	E010	Arsenic, total	mg/L	12/15/15 - 07/07/25	21	0	CB around T-S line	0.0155	0.0590
APW09	UA	E010	Barium, total	mg/L	12/15/15 - 07/07/25	21	0	CI around mean	0.347	0.300
APW09	UA	E010	Beryllium, total	mg/L	12/15/15 - 07/07/25	20	95	Most recent sample	0.001	0.001
APW09	UA	E010	Boron, total	mg/L	12/15/15 - 07/07/25	31	0	CB around linear reg	0.101	0.260
APW09	UA	E010	Cadmium, total	mg/L	12/15/15 - 07/07/25	20	100	All ND - Last	0.001	0.001
APW09	UA	E010	Chloride, total	mg/L	12/15/15 - 07/07/25	33	0	CB around T-S line	130	52.0
APW09	UA	E010	Chromium, total	mg/L	12/15/15 - 07/07/25	21	62	CI around median	0.0018	0.0110
APW09	UA	E010	Cobalt, total	mg/L	12/15/15 - 07/07/25	20	85	CI around median	0.001	0.00430
APW09	UA	E010	Fluoride, total	mg/L	12/15/15 - 07/07/25	32	16	CI around mean	0.433	0.633
APW09	UA	E010	Lead, total	mg/L	12/15/15 - 07/07/25	21	57	CI around median	0.001	0.00740
APW09	UA	E010	Lithium, total	mg/L	12/15/15 - 07/07/25	21	57	CI around median	0.0088	0.0300
APW09	UA	E010	Mercury, total	mg/L	12/15/15 - 07/07/25	21	90	CI around median	0.0002	0.0002
APW09	UA	E010	Molybdenum, total	mg/L	12/15/15 - 07/07/25	20	0	CB around linear reg	-0.00151	0.0180
APW09	UA	E010	pH (field)	SU	12/15/15 - 07/07/25	33	0	CI around median	7.4/7.5	6.4/7.8

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APW09	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/15/15 - 07/07/25	21	0	CI around geomean	0.972	6.90
APW09	UA	E010	Selenium, total	mg/L	12/15/15 - 07/07/25	21	95	CI around median	0.001	0.001
APW09	UA	E010	Sulfate, total	mg/L	12/15/15 - 07/07/25	33	15	CI around geomean	4.2	35.8
APW09	UA	E010	Thallium, total	mg/L	12/15/15 - 07/07/25	20	100	All ND - Last	0.002	0.001
APW09	UA	E010	Total Dissolved Solids	mg/L	12/15/15 - 07/07/25	32	0	CB around T-S line	814	628
APW10	UA	E010	Antimony, total	mg/L	12/16/15 - 07/07/25	22	96	CB around T-S line	0.000541	0.003
APW10	UA	E010	Arsenic, total	mg/L	12/16/15 - 07/07/25	23	4	CI around mean	0.00662	0.0590
APW10	UA	E010	Barium, total	mg/L	12/16/15 - 07/07/25	23	0	CI around mean	0.029	0.300
APW10	UA	E010	Beryllium, total	mg/L	12/16/15 - 07/07/25	22	100	All ND - Last	0.001	0.001
APW10	UA	E010	Boron, total	mg/L	12/16/15 - 07/07/25	33	0	CI around median	0.0702	0.260
APW10	UA	E010	Cadmium, total	mg/L	12/16/15 - 07/07/25	22	100	All ND - Last	0.001	0.001
APW10	UA	E010	Chloride, total	mg/L	12/16/15 - 07/07/25	34	0	CB around linear reg	40.7	52.0
APW10	UA	E010	Chromium, total	mg/L	12/16/15 - 07/07/25	23	78	CB around T-S line	0.00162	0.0110
APW10	UA	E010	Cobalt, total	mg/L	12/16/15 - 07/07/25	22	91	CB around T-S line	0.000784	0.00430
APW10	UA	E010	Fluoride, total	mg/L	12/16/15 - 07/07/25	33	27	CI around mean	0.264	0.633
APW10	UA	E010	Lead, total	mg/L	12/16/15 - 07/07/25	23	87	CI around median	0.001	0.00740
APW10	UA	E010	Lithium, total	mg/L	12/16/15 - 07/07/25	23	4	CI around mean	0.0203	0.0300
APW10	UA	E010	Mercury, total	mg/L	12/16/15 - 07/07/25	23	100	All ND - Last	0.0002	0.0002
APW10	UA	E010	Molybdenum, total	mg/L	12/16/15 - 07/07/25	22	4	CB around T-S line	0.00454	0.0180
APW10	UA	E010	pH (field)	SU	12/16/15 - 07/07/25	36	0	CI around mean	7.1/7.2	6.4/7.8
APW10	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/16/15 - 07/07/25	23	0	CI around geomean	0.417	6.90
APW10	UA	E010	Selenium, total	mg/L	12/16/15 - 07/07/25	23	100	All ND - Last	0.001	0.001
APW10	UA	E010	Sulfate, total	mg/L	12/16/15 - 07/07/25	35	0	CI around median	410	35.8
APW10	UA	E010	Thallium, total	mg/L	12/16/15 - 07/07/25	22	100	All ND - Last	0.002	0.001
APW10	UA	E010	Total Dissolved Solids	mg/L	12/16/15 - 07/07/25	35	0	CB around T-S line	1,040	628
APW11	UA	E010	Antimony, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.003
APW11	UA	E010	Arsenic, total	mg/L	02/18/21 - 07/07/25	19	0	CI around geomean	0.0026	0.0590

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APW11	UA	E010	Barium, total	mg/L	02/18/21 - 07/07/25	19	0	CB around T-S line	-0.068	0.300
APW11	UA	E010	Beryllium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW11	UA	E010	Boron, total	mg/L	02/18/21 - 07/07/25	19	0	CI around median	0.0628	0.260
APW11	UA	E010	Cadmium, total	mg/L	02/18/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW11	UA	E010	Chloride, total	mg/L	02/18/21 - 07/07/25	19	0	CB around T-S line	15.7	52.0
APW11	UA	E010	Chromium, total	mg/L	02/18/21 - 07/07/25	19	68	CB around T-S line	-0.00116	0.0110
APW11	UA	E010	Cobalt, total	mg/L	02/18/21 - 07/07/25	19	74	CB around T-S line	0.000236	0.00430
APW11	UA	E010	Fluoride, total	mg/L	02/18/21 - 07/07/25	19	47	CB around T-S line	0.348	0.633
APW11	UA	E010	Lead, total	mg/L	02/18/21 - 07/07/25	19	63	CI around median	0.001	0.00740
APW11	UA	E010	Lithium, total	mg/L	02/18/21 - 07/07/25	19	5	CI around mean	0.02	0.0300
APW11	UA	E010	Mercury, total	mg/L	02/18/21 - 07/07/25	19	84	CI around median	0.0002	0.0002
APW11	UA	E010	Molybdenum, total	mg/L	02/18/21 - 07/07/25	18	0	CB around T-S line	-0.00707	0.0180
APW11	UA	E010	pH (field)	SU	02/18/21 - 07/07/25	19	0	CI around median	7.0/7.2	6.4/7.8
APW11	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/18/21 - 07/07/25	18	0	CI around geomean	0.676	6.90
APW11	UA	E010	Selenium, total	mg/L	02/18/21 - 07/07/25	19	84	CI around median	0.001	0.001
APW11	UA	E010	Sulfate, total	mg/L	02/18/21 - 07/07/25	19	0	CI around median	270	35.8
APW11	UA	E010	Thallium, total	mg/L	02/18/21 - 07/07/25	19	95	CB around T-S line	0.001	0.001
APW11	UA	E010	Total Dissolved Solids	mg/L	02/18/21 - 07/07/25	19	0	CI around mean	816	628
APW12	UD	E010	Antimony, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.003
APW12	UD	E010	Arsenic, total	mg/L	02/17/21 - 07/07/25	19	47	CB around linear reg	0.000411	0.0590
APW12	UD	E010	Barium, total	mg/L	02/17/21 - 07/07/25	19	0	CB around linear reg	0.0224	0.300
APW12	UD	E010	Beryllium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW12	UD	E010	Boron, total	mg/L	02/17/21 - 07/07/25	19	0	CB around linear reg	0.808	0.260
APW12	UD	E010	Cadmium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW12	UD	E010	Chloride, total	mg/L	02/17/21 - 07/07/25	19	0	CI around mean	24	52.0
APW12	UD	E010	Chromium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.0015	0.0110
APW12	UD	E010	Cobalt, total	mg/L	02/17/21 - 07/07/25	19	32	CB around linear reg	-0.00157	0.00430

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APW12	UD	E010	Fluoride, total	mg/L	02/17/21 - 07/07/25	19	74	CI around median	0.22	0.633
APW12	UD	E010	Lead, total	mg/L	02/17/21 - 07/07/25	19	95	CI around median	0.001	0.00740
APW12	UD	E010	Lithium, total	mg/L	02/17/21 - 07/07/25	19	0	CI around geomean	0.028	0.0300
APW12	UD	E010	Mercury, total	mg/L	02/17/21 - 07/07/25	19	95	CI around median	0.0002	0.0002
APW12	UD	E010	Molybdenum, total	mg/L	02/17/21 - 07/07/25	18	72	CI around median	0.0012	0.0180
APW12	UD	E010	pH (field)	SU	02/17/21 - 07/07/25	19	0	CI around median	6.3/6.5	6.4/7.8
APW12	UD	E010	Radium 226 + Radium 228, total	pCi/L	02/17/21 - 07/07/25	18	0	CI around mean	0.368	6.90
APW12	UD	E010	Selenium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW12	UD	E010	Sulfate, total	mg/L	02/17/21 - 07/07/25	19	0	CB around T-S line	480	35.8
APW12	UD	E010	Thallium, total	mg/L	02/17/21 - 07/07/25	19	100	All ND - Last	0.002	0.001
APW12	UD	E010	Total Dissolved Solids	mg/L	02/17/21 - 07/07/25	19	0	CB around linear reg	1,810	628
APW13	UA	E010	Antimony, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.003
APW13	UA	E010	Arsenic, total	mg/L	02/22/21 - 07/07/25	19	0	CI around mean	0.00392	0.0590
APW13	UA	E010	Barium, total	mg/L	02/22/21 - 07/07/25	19	0	CI around median	0.051	0.300
APW13	UA	E010	Beryllium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW13	UA	E010	Boron, total	mg/L	02/22/21 - 07/07/25	19	0	CI around mean	0.11	0.260
APW13	UA	E010	Cadmium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW13	UA	E010	Chloride, total	mg/L	02/22/21 - 07/07/25	19	0	CI around geomean	48.9	52.0
APW13	UA	E010	Chromium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.0015	0.0110
APW13	UA	E010	Cobalt, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.00430
APW13	UA	E010	Fluoride, total	mg/L	02/22/21 - 07/07/25	19	26	CB around linear reg	0.404	0.633
APW13	UA	E010	Lead, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.00740
APW13	UA	E010	Lithium, total	mg/L	02/22/21 - 07/07/25	19	0	CB around linear reg	0.014	0.0300
APW13	UA	E010	Mercury, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.0002	0.0002
APW13	UA	E010	Molybdenum, total	mg/L	02/22/21 - 07/07/25	18	0	CB around linear reg	0.00312	0.0180
APW13	UA	E010	pH (field)	SU	02/22/21 - 07/07/25	19	0	CI around median	7.1/7.3	6.4/7.8
APW13	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 07/07/25	18	0	CI around mean	0.424	6.90

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APW13	UA	E010	Selenium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW13	UA	E010	Sulfate, total	mg/L	02/22/21 - 07/07/25	19	0	CB around linear reg	255	35.8
APW13	UA	E010	Thallium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.002	0.001
APW13	UA	E010	Total Dissolved Solids	mg/L	02/22/21 - 07/07/25	19	0	CB around linear reg	907	628
APW14	UA	E010	Antimony, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.003
APW14	UA	E010	Arsenic, total	mg/L	02/22/21 - 07/07/25	19	5	CI around mean	0.00546	0.0590
APW14	UA	E010	Barium, total	mg/L	02/22/21 - 07/07/25	19	5	CB around linear reg	0.0169	0.300
APW14	UA	E010	Beryllium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW14	UA	E010	Boron, total	mg/L	02/22/21 - 07/07/25	19	5	CI around median	0.0888	0.260
APW14	UA	E010	Cadmium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW14	UA	E010	Chloride, total	mg/L	02/22/21 - 07/07/25	19	0	CB around linear reg	30.9	52.0
APW14	UA	E010	Chromium, total	mg/L	02/22/21 - 07/07/25	19	90	CB around T-S line	-0.000179	0.0110
APW14	UA	E010	Cobalt, total	mg/L	02/22/21 - 07/07/25	19	95	CB around T-S line	0.000388	0.00430
APW14	UA	E010	Fluoride, total	mg/L	02/22/21 - 07/07/25	19	37	CI around mean	0.291	0.633
APW14	UA	E010	Lead, total	mg/L	02/22/21 - 07/07/25	19	84	CI around median	0.001	0.00740
APW14	UA	E010	Lithium, total	mg/L	02/22/21 - 07/07/25	19	16	CB around linear reg	0.00457	0.0300
APW14	UA	E010	Mercury, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.0002	0.0002
APW14	UA	E010	Molybdenum, total	mg/L	02/22/21 - 07/07/25	18	6	CB around T-S line	-0.0135	0.0180
APW14	UA	E010	pH (field)	SU	02/22/21 - 07/07/25	19	0	CB around T-S line	6.8/7.1	6.4/7.8
APW14	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/22/21 - 07/07/25	18	0	CI around mean	0.503	6.90
APW14	UA	E010	Selenium, total	mg/L	02/22/21 - 07/07/25	19	95	Most recent sample	0.001	0.001
APW14	UA	E010	Sulfate, total	mg/L	02/22/21 - 07/07/25	19	0	CI around mean	325	35.8
APW14	UA	E010	Thallium, total	mg/L	02/22/21 - 07/07/25	19	100	All ND - Last	0.002	0.001
APW14	UA	E010	Total Dissolved Solids	mg/L	02/22/21 - 07/07/25	19	0	CB around linear reg	971	628
APW15	UA	E010	Antimony, total	mg/L	02/23/21 - 07/07/25	19	95	CB around T-S line	-0.000106	0.003
APW15	UA	E010	Arsenic, total	mg/L	02/23/21 - 07/07/25	19	0	CB around linear reg	0.0273	0.0590
APW15	UA	E010	Barium, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	0.563	0.300

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APW15	UA	E010	Beryllium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW15	UA	E010	Boron, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	0.126	0.260
APW15	UA	E010	Cadmium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW15	UA	E010	Chloride, total	mg/L	02/23/21 - 07/07/25	19	0	CI around median	230	52.0
APW15	UA	E010	Chromium, total	mg/L	02/23/21 - 07/07/25	19	42	CI around geomean	0.00295	0.0110
APW15	UA	E010	Cobalt, total	mg/L	02/23/21 - 07/07/25	19	53	CB around T-S line	0.000988	0.00430
APW15	UA	E010	Fluoride, total	mg/L	02/23/21 - 07/07/25	19	21	CI around median	0.48	0.633
APW15	UA	E010	Lead, total	mg/L	02/23/21 - 07/07/25	19	37	CI around median	0.001	0.00740
APW15	UA	E010	Lithium, total	mg/L	02/23/21 - 07/07/25	19	42	CB around linear reg	0.000604	0.0300
APW15	UA	E010	Mercury, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.0002	0.0002
APW15	UA	E010	Molybdenum, total	mg/L	02/23/21 - 07/07/25	18	0	CB around linear reg	0.000484	0.0180
APW15	UA	E010	pH (field)	SU	02/23/21 - 07/07/25	19	0	CI around mean	7.0/7.2	6.4/7.8
APW15	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 07/07/25	18	0	CI around mean	1.84	6.90
APW15	UA	E010	Selenium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW15	UA	E010	Sulfate, total	mg/L	02/23/21 - 07/07/25	19	79	CB around T-S line	1	35.8
APW15	UA	E010	Thallium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.002	0.001
APW15	UA	E010	Total Dissolved Solids	mg/L	02/23/21 - 07/07/25	19	0	CI around median	1,000	628
APW16	UA	E010	Antimony, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.003
APW16	UA	E010	Arsenic, total	mg/L	02/23/21 - 07/07/25	19	0	CB around linear reg	0.0237	0.0590
APW16	UA	E010	Barium, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	0.554	0.300
APW16	UA	E010	Beryllium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW16	UA	E010	Boron, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	0.13	0.260
APW16	UA	E010	Cadmium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW16	UA	E010	Chloride, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	66.4	52.0
APW16	UA	E010	Chromium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.0015	0.0110
APW16	UA	E010	Cobalt, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.00430
APW16	UA	E010	Fluoride, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	0.674	0.633

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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	Background
APW16	UA	E010	Lead, total	mg/L	02/23/21 - 07/07/25	19	95	Most recent sample	0.001	0.00740
APW16	UA	E010	Lithium, total	mg/L	02/23/21 - 07/07/25	19	79	CB around T-S line	-0.00612	0.0300
APW16	UA	E010	Mercury, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.0002	0.0002
APW16	UA	E010	Molybdenum, total	mg/L	02/23/21 - 07/07/25	18	72	CI around median	0.0012	0.0180
APW16	UA	E010	pH (field)	SU	02/23/21 - 07/07/25	19	0	CI around mean	7.2/7.5	6.4/7.8
APW16	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 07/07/25	18	0	CI around geomean	1.6	6.90
APW16	UA	E010	Selenium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW16	UA	E010	Sulfate, total	mg/L	02/23/21 - 07/07/25	19	79	CB around T-S line	1	35.8
APW16	UA	E010	Thallium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.002	0.001
APW16	UA	E010	Total Dissolved Solids	mg/L	02/23/21 - 07/07/25	19	0	CI around median	720	628
APW17	UA	E010	Antimony, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.003
APW17	UA	E010	Arsenic, total	mg/L	02/23/21 - 07/07/25	19	0	CB around linear reg	0.0197	0.0590
APW17	UA	E010	Barium, total	mg/L	02/23/21 - 07/07/25	19	0	CI around mean	0.556	0.300
APW17	UA	E010	Beryllium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW17	UA	E010	Boron, total	mg/L	02/23/21 - 07/07/25	19	0	CI around geomean	0.0816	0.260
APW17	UA	E010	Cadmium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.001
APW17	UA	E010	Chloride, total	mg/L	02/23/21 - 07/07/25	19	0	CI around median	52	52.0
APW17	UA	E010	Chromium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.0015	0.0110
APW17	UA	E010	Cobalt, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.00430
APW17	UA	E010	Fluoride, total	mg/L	02/23/21 - 07/07/25	19	10	CI around mean	0.425	0.633
APW17	UA	E010	Lead, total	mg/L	02/23/21 - 07/07/25	19	95	CI around median	0.001	0.00740
APW17	UA	E010	Lithium, total	mg/L	02/23/21 - 07/07/25	19	90	CB around T-S line	-0.00607	0.0300
APW17	UA	E010	Mercury, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.0002	0.0002
APW17	UA	E010	Molybdenum, total	mg/L	02/23/21 - 07/07/25	18	0	CI around median	0.0049	0.0180
APW17	UA	E010	pH (field)	SU	02/23/21 - 07/07/25	19	0	CI around mean	7.2/7.5	6.4/7.8
APW17	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 07/07/25	18	0	CI around mean	1.29	6.90
APW17	UA	E010	Selenium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.001	0.001

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 3, 2025
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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
APW17	UA	E010	Sulfate, total	mg/L	02/23/21 - 07/07/25	19	5	CB around T-S line	65.4	35.8
APW17	UA	E010	Thallium, total	mg/L	02/23/21 - 07/07/25	19	100	All ND - Last	0.002	0.001
APW17	UA	E010	Total Dissolved Solids	mg/L	02/23/21 - 07/07/25	19	0	CB around linear reg	683	628
APW18	UA	E010	Antimony, total	mg/L	02/23/21 - 07/07/25	19	95	CB around T-S line	-0.000284	0.003
APW18	UA	E010	Arsenic, total	mg/L	02/23/21 - 07/07/25	19	5	CI around mean	0.00178	0.0590
APW18	UA	E010	Barium, total	mg/L	02/23/21 - 07/07/25	19	0	CB around linear reg	0.342	0.300
APW18	UA	E010	Beryllium, total	mg/L	02/23/21 - 07/07/25	19	95	CI around median	0.001	0.001
APW18	UA	E010	Boron, total	mg/L	02/23/21 - 07/07/25	19	0	CI around median	0.11	0.260
APW18	UA	E010	Cadmium, total	mg/L	02/23/21 - 07/07/25	19	95	CI around median	0.001	0.001
APW18	UA	E010	Chloride, total	mg/L	02/23/21 - 07/07/25	19	0	CB around T-S line	-12	52.0
APW18	UA	E010	Chromium, total	mg/L	02/23/21 - 07/07/25	19	74	CB around T-S line	-0.00157	0.0110
APW18	UA	E010	Cobalt, total	mg/L	02/23/21 - 07/07/25	19	84	CB around T-S line	-0.00035	0.00430
APW18	UA	E010	Fluoride, total	mg/L	02/23/21 - 07/07/25	19	5	CI around median	0.54	0.633
APW18	UA	E010	Lead, total	mg/L	02/23/21 - 07/07/25	19	68	CB around T-S line	-0.00471	0.00740
APW18	UA	E010	Lithium, total	mg/L	02/23/21 - 07/07/25	19	53	CB around T-S line	-0.000637	0.0300
APW18	UA	E010	Mercury, total	mg/L	02/23/21 - 07/07/25	19	95	CI around median	0.0002	0.0002
APW18	UA	E010	Molybdenum, total	mg/L	02/23/21 - 07/07/25	18	0	CB around T-S line	-0.0277	0.0180
APW18	UA	E010	pH (field)	SU	02/23/21 - 07/07/25	19	0	CI around mean	7.5/7.7	6.4/7.8
APW18	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/23/21 - 07/07/25	18	0	CI around mean	1.41	6.90
APW18	UA	E010	Selenium, total	mg/L	02/23/21 - 07/07/25	19	95	CI around median	0.001	0.001
APW18	UA	E010	Sulfate, total	mg/L	02/23/21 - 07/07/25	19	10	CI around median	4.8	35.8
APW18	UA	E010	Thallium, total	mg/L	02/23/21 - 07/07/25	19	90	CB around T-S line	0.001	0.001
APW18	UA	E010	Total Dissolved Solids	mg/L	02/23/21 - 07/07/25	19	0	CI around median	535	628

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Notes:

Lower Confidence Limit (LCL) or Upper Confidence Limit (UCL) exceeded the statistical background value

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

Events:

E010 = Quarter 3, 2025 sampling event

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

UD = Upper Drift

mg/L = milligrams per liter

ND = non-detect

pCi/L = picocuries per liter

SU = standard units

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

Statistical Calculation = method used to calculate the statistical result:

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

CB around linear reg = Confidence band around linear regression

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

CI around geomean = Confidence interval around the geometric mean

CI around mean = Confidence interval around the mean

CI around median = Confidence interval around the median

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

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

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

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

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

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

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

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

NS⁶ = Sampling pump could not yield a sample.

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

NS⁸ = A sample was not collected.

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

For pH, the values presented are the lower / upper limits of the background determination

ATTACHMENT B.
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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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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
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

ATTACHMENT B.
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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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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

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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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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

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NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW15	UA	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

ATTACHMENT B.
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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	Background
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

ATTACHMENT B.
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NEWTON POWER PLANT
PRIMARY ASH POND
NEWTON, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
APW17	UA	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 B.
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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