



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: Hennepin Power Plant- WAPS

Facility Address: 13498 East 800th Street, Hennepin, IL

Site ID #: 1550105012

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)

Dynegy Midwest Generation, LLC
1500 Eastport Plaza Drive
Collinsville, IL 62234

January 30, 2026

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

Re: Hennepin Power Plant Old West Ash Pond (IEPA ID W1550100002-01-03) 2025 Annual Consolidated Report

Dear Mr. LeCrone:

In accordance with 35 IAC § 845.550, Dynegy Midwest Generation, LLC (DMG) is submitting the annual consolidated report for the Hennepin Power Plant Old West Ash Pond (IEPA ID W1550100002-01-03), as enclosed.

Sincerely,

A handwritten signature in blue ink that reads "Dianna Tickner". The signature is fluid and cursive, with the first name "Dianna" being more prominent than the last name "Tickner".

Dianna Tickner, PE, PMP
Senior Director, Demolition and Decommission

Annual Consolidated Report
Dynegy Midwest Generation, LLC
Hennepin Power Plant
Old West Ash Pond System; IEPA ID: **W1550100002-01, 03**

In accordance with 35 IAC § 845.550, Dynegy Midwest Generation, LLC (DMG) has prepared the annual consolidated report. The report is provided in two 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 Hennepin Power Plant

Prepared for:

Dynegy Midwest Generation, LLC

**Hennepin Power Plant
13498 East 800th Street
Hennepin, IL 61327**

November 2025

Hennepin Power Plant ANNUAL CCR FUGITIVE DUST CONTROL REPORT

CCR Activity	Actions Taken to Control CCR Fugitive Dust
Handling of CCR at the facility	Pneumatically convey dry CCR fly ash and FGD ash to storage silos in an enclosed system.
	CCR to be emplaced in the landfill will be conditioned before emplacement.
	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 vented spouts.
	Load FGD ash transport trucks from the FGD ash silo using a pug mill or vented spouts, as necessary.
	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 emplacement.
	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 in this report. The Hennepin Power Plant ceased to operate and ceased to be a generating unit effective November 1, 2019.

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. The plan was amended to reflect administrative changes and adjustments to site condition controls.

Section 2 Record of Citizen Complaints

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

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

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

Completed by: _____

Name

Plant Environmental Supervisor

Title

This Annual CCR Fugitive Dust Control Report has been prepared for the Hennepin 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 Hennepin 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 will be conditioned before emplacement.
	Water dry CCR material from periodic cleanout / maintenance of CCR handling or CCR dust control systems as it is added into the CCR surface impoundments, as necessary.
	Wet management of CCR bottom 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.
	Apply chemical dust suppressant on areas of exposed CCR in CCR units, as necessary.
	Wet sluice CCR fly ash and CCR bottom ash to CCR surface impoundments.

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	Hennepin Power Station Putnam County, Illinois 62327 9/10/2025
Operator Name / Address	Luminant Generation Company LLC 6555 Sierra Drive, Irving, TX 75039
CCR unit	Old West 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.	Capping and closure of the Old West Ash Pond complete.
(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	Capping and closure of the Old West Ash Pond complete.
(b)(2)(E) The approximate volume of the impounded water and CCR contained in the unit at the time of the inspection.	Approximately 310 acre-feet of capped and closed CCR.
(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))	Pond is closed and capped.

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: 12/19/2025

Site Name: Hennepin Power Station

CCR Unit: Old West Ash Pond

35 IAC § 845.540 (b)(2)(B)

Instrument ID #	Type	Maximum recorded reading since previous annual inspection (ft)
P002	Piezometer	abandoned
P003	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						
CCR	460		465	19		24

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	Hennepin Power Station Putnam County, Illinois 62327 9/10/2025
Operator Name / Address	Luminant Generation Company LLC 6555 Sierra Drive, Irving, TX 75039
CCR unit	Old West Polishing 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.	The Old West Polishing Pond was clean closed in 2020.
(b)(2)(B) The location and type of existing instrumentation and the maximum recorded readings of each instrument since the previous annual inspection	N/A
b)(2)(C) The approximate minimum, maximum, and present depth and elevation of the impounded water and CCR since the previous annual inspection;	N/A
b)(2)(D) The storage capacity of the impounding structure at the time of the inspection	Approximately 60 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 1 acre-feet of storm water only.
(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 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: 12/19/2025

Site Name: Hennepin Power Station

CCR Unit: Old West Polishing Pond

35 IAC § 845.540 (b)(2)(B)		
Instrument ID #	Type	Maximum recorded reading since previous annual inspection (ft)
None		

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		446.5			2	
CCR	0		0	0		0

Section 3

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

Prepared for
Dynegy Midwest Generation, LLC

Date
January 31, 2026

Project No.
1940112376-008

**2025 35 I.A.C. § 845 ANNUAL
GROUNDWATER MONITORING AND
CORRECTIVE ACTION REPORT
WEST ASH POND SYSTEM
HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS**

**IEPA ID NO. W1550100002-01 AND
W1550100002-03**

2025 35 I.A.C. § 845 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT HENNEPIN POWER PLANT WEST ASH POND SYSTEM

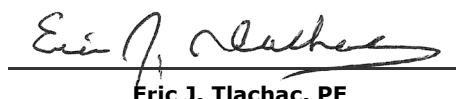
Project name **Hennepin Power Plant West Ash Pond System**
Project no. **1940112376-008**
Recipient **Dynegy Midwest Generation, LLC**
Document type **Annual Groundwater Monitoring and Corrective Action Report**
Version **FINAL**
Date **January 31, 2026**
Prepared by **Jeff R. Kampman**
Checked by **Lauren D. Cook**
Approved by **Eric J. Tlachac, PE**
Description **Annual Report Required by 35 I.A.C. § 845**

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Jeff R. Kampman
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Senior Project Manager

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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

FIGURES

Figure 1	Monitoring Well Location Map
Figure 2	GWPS Exceedance Map Uppermost Aquifer, Quarter 1 – Quarter 3, 2025
Figure 3	Potentiometric Surface Map, January 13, 2025
Figure 4	Potentiometric Surface Map, February 7, 2025
Figure 5	Potentiometric Surface Map, March 7, 2025
Figure 6	Potentiometric Surface Map, April 7, 2025
Figure 7	Potentiometric Surface Map, May 14, 2025
Figure 8	Potentiometric Surface Map, June 14, 2025
Figure 9	Potentiometric Surface Map, July 14, 2025
Figure 10	Potentiometric Surface Map, August 27, 2025
Figure 11	Potentiometric Surface Map, September 27, 2025
Figure 12	Potentiometric Surface Map, October 27, 2025
Figure 13	Potentiometric Surface Map, November 17, 2025
Figure 14	Potentiometric Surface Map, December 17, 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

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
DMG	Dynegy Midwest Generation, LLC
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
HPP	Hennepin Power Plant
ID	identification
IEPA	Illinois Environmental Protection Agency
NID	National Inventory of Dams
No.	number
Ramboll	Ramboll Americas Engineering Solutions, Inc.
SI	surface impoundment
SSI	statistically significant increase
WAPS	West Ash Pond System

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 West Ash Pond System (WAPS) located at Hennepin Power Plant (HPP) near Hennepin, Illinois. The WAPS is recognized by coal combustion residuals (CCR) unit identification (ID) number (No.) 804, Illinois Environmental Protection Agency (IEPA) ID No. W1550100002-01 and W1550100002-03, and National Inventory of Dams (NID) No. IL50698.

The WAPS was closed in accordance with the Closure and Post Closure Care Plan submitted to the IEPA in January 2018. The IEPA approved the Closure and Post-Closure Care Plan on June 19, 2018. Closure construction began in August of 2019 and was completed in November of 2020.

As required by 35 I.A.C. § 845, an operating permit application for the WAPS was submitted by Dynegy Midwest Generation, LLC (DMG) 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. DMG entered into a compliance commitment agreement (CCA) with the IEPA on December 28, 2022. As specified in the CCA, 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 WAPS commenced in the second quarter of 2023. All available groundwater monitoring data collected in 2025 is summarized in **Table 1** (field parameters and analytical results) and **Attachment A** (groundwater elevation data). After the WAPS 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 following quarterly groundwater sampling in 2025 (Ramboll, 2025b; Ramboll, 2025c; Ramboll, 2025d):

- Arsenic in 21R and 51
- Boron in 22, 23, 27, and 35
- Lithium in 22
- Sulfate in 23 and 35
- Total Dissolved Solids in 35

An alternative source demonstration (ASD) was not completed for the GWPS exceedances listed above, and an assessment of corrective measures (CMA) was initiated on December 10, 2023 in accordance with 35 I.A.C. § 845.650(d)(3). A CMA extension request was submitted to the IEPA on December 11, 2023 and approved on December 12, 2023. The CMA extension request was

¹ Throughout this document, "exceedance" or "exceedances" is intended to refer only to potential exceedances of proposed applicable background statistics 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 DMG's operating permit application for the HPP WAPS. That operating permit application remains under review by the IEPA and, therefore, DMG has not identified any actual exceedances.

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 May 8, 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 April 8, 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 May 6, 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 March 5, 2025 and September 5, 2025 (Ramboll, 2025f; Ramboll, 2025g) to align with the schedule for similar reports required by Title 40 of the Code of Federal Regulations (40 C.F.R.) § 257.97(a).

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 DMG, to provide the information required by 35 I.A.C. § 845.610(e) for the WAPS located at HPP near Hennepin, Illinois. The owner or operator of a CCR surface impoundment (SI) must prepare and submit to the 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**).
- 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 3 through 14**).
- 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 HPP WAPS for calendar year 2025.

2. MONITORING AND CORRECTIVE ACTION PROGRAM STATUS

The WAPS was closed in accordance with the Closure and Post Closure Care Plan submitted to the IEPA in January 2018. The IEPA approved the Closure and Post-Closure Care Plan on June 19, 2018. Closure construction began in August of 2019 and was completed in November of 2020.

An operating permit application for the WAPS was submitted by DMG 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. DMG entered into a CCA with the IEPA on December 28, 2022. As specified in the CCA, quarterly groundwater monitoring in accordance with the proposed GMP (Ramboll, 2021; Ramboll 2025a) and sampling methodologies provided in the operating permit application for the WAPS commenced in the second quarter of 2023. After the WAPS has been issued an approved operating permit, groundwater monitoring shall be conducted in accordance with that operating permit. As specified in the CCA, groundwater sampling requirements that apply to the CCR SI under other existing permit programs will become void upon issuance of an approved operating permit pursuant to 35 I.A.C § 845. In addition, and in accordance with the CCA, groundwater monitoring performed under Section 1.5 of the approved Closure and Post-Closure Care Plan ceased in 2023 with commencement of quarterly groundwater monitoring under 35 I.A.C § 845.

As noted in the **Executive Summary** and **Section 3.2**, GWPS exceedances were determined for the WAPS in 2025. An ASD was not completed for the GWPS exceedances; they will be addressed in accordance with 35 I.A.C. § 845.660. The CMA was initiated on December 10, 2023. A CMA extension request was submitted to the IEPA on December 11, 2023 and approved on December 12, 2023. The CMA extension request was 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 May 8, 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 completed in accordance with 35 I.A.C. § 845.660. An associated public meeting was held on April 8, 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 May 6, 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 was submitted to the IEPA on March 5, 2025 and September 5, 2025 (Ramboll, 2025f; Ramboll, 2025g) to align with the schedule for similar reports required by 40 C.F.R. § 257.97(a).

3. KEY ACTIONS COMPLETED IN 2025

The proposed 35 I.A.C. § 845 monitoring system is presented in **Figure 1**. No wells were installed or decommissioned 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 3 through 14**.

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 proposed GMP (Ramboll, 2021; 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 the 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 previously provided in the quarterly Groundwater Monitoring Data and Detected Exceedances Reports for Quarters 1 through 3² (Ramboll, 2025b; Ramboll, 2025c; Ramboll, 2025d) and Quarter 4 will be provided within 60 days of receipt of the analytical data from the laboratory; therefore, these reports are not attached to this annual report to avoid reproduction of lengthy data transmittals that have been previously provided in hardcopy.

² GWPS exceedances determined after January 31, 2026 will be reported in the Quarter 4, 2025 Groundwater Monitoring Data and Detected Exceedances Report.

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 14 – 17, 2025	February 12, 2025	April 13, 2025	NA
E009	April 8 – 9, 2025	May 19, 2025	July 18, 2025	NA
E010	July 15 – 18, 2025	August 15, 2025	October 14, 2025	NA
E011	October 28 – November 5, 2025	December 16, 2025	TBD ⁴	TBD

Notes:

ASD: Alternative Source Demonstration

NA: not applicable

TBD: to be determined in 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: 32 and 34

³ The following compliance wells were sampled for each event: 21R, 22, 22D, 23, 27, 35, 49, 50, and 51

⁴ GWPS exceedances determined after January 31, 2026 will be reported in the Quarter 4, 2025 Groundwater Monitoring Data and Detected Exceedances Report.

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 **Table 2** (Compliance Result) and **Figure 2**:

- Arsenic in 21R and 51
- Boron in 22, 23, 27, and 35
- Lithium in 22
- Sulfate in 23 and 35
- Total Dissolved Solids in 35

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 proposed GMP (Ramboll, 2021; Ramboll, 2025a) and all data were accepted. After the WAPS 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 WAPS. After the WAPS 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 2026 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.

Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2021. *Addendum to the Groundwater Monitoring Plan*. Hennepin Power Plant, West Ash Pond System, Hennepin, Illinois. Dynegy Midwest Generation, LLC. October 25, 2021.

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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, West Ash Pond System, Hennepin Power Plant, Hennepin, Illinois. October 14, 2025. <https://www.luminant.com/documents/ccr/il-ccr/Hennepin/2025/2025->

[Hen%20WAPS%202025%203rd%20qtr%2035%20IAC%20845%20GW%20report-Hennepin-West%20Ash%20Pond-W1550100002%E2%80%90001-](https://www.luminant.com/documents/ccr/il-ccr/Hennepin/2025/2025-Hennepin-West%20Ash%20Pond-W1550100002%E2%80%90001-03.pdf)

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TABLES

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
32	Background	E008	01/15/2025	Antimony, total	0.0013 U	mg/L
32	Background	E008	01/15/2025	Arsenic, total	0.00023 U	mg/L
32	Background	E008	01/15/2025	Barium, total	0.0510	mg/L
32	Background	E008	01/15/2025	Beryllium, total	0.00053 U	mg/L
32	Background	E008	01/15/2025	Boron, total	0.170 J+	mg/L
32	Background	E008	01/15/2025	Cadmium, total	0.00033 J	mg/L
32	Background	E008	01/15/2025	Calcium, total	130	mg/L
32	Background	E008	01/15/2025	Chloride, total	120	mg/L
32	Background	E008	01/15/2025	Chromium, total	0.0011 U	mg/L
32	Background	E008	01/15/2025	Cobalt, total	0.00083 J	mg/L
32	Background	E008	01/15/2025	Dissolved Oxygen	1.32	mg/L
32	Background	E008	01/15/2025	Fluoride, total	0.130	mg/L
32	Background	E008	01/15/2025	Lead, total	0.00019 U	mg/L
32	Background	E008	01/15/2025	Lithium, total	0.0048 J	mg/L
32	Background	E008	01/15/2025	Mercury, total	0.000076 U	mg/L
32	Background	E008	01/15/2025	Molybdenum, total	0.0025 U	mg/L
32	Background	E008	01/15/2025	Oxidation Reduction Potential	86.1	mV
32	Background	E008	01/15/2025	pH (field)	7.2	SU
32	Background	E008	01/15/2025	Radium 226 + Radium 228, total	1.06	pCi/L
32	Background	E008	01/15/2025	Selenium, total	0.00098 U	mg/L
32	Background	E008	01/15/2025	Specific Conductance @ 25C (field)	2,192	micromhos/cm
32	Background	E008	01/15/2025	Sulfate, total	140	mg/L
32	Background	E008	01/15/2025	Temperature	9.90	degrees C
32	Background	E008	01/15/2025	Thallium, total	0.00057 U	mg/L
32	Background	E008	01/15/2025	Total Dissolved Solids	770	mg/L
32	Background	E008	01/15/2025	Turbidity, field	36.1	NTU
34	Background	E008	01/15/2025	Antimony, total	0.0013 U	mg/L
34	Background	E008	01/15/2025	Arsenic, total	0.00046 J	mg/L
34	Background	E008	01/15/2025	Barium, total	0.110	mg/L
34	Background	E008	01/15/2025	Beryllium, total	0.00053 U	mg/L
34	Background	E008	01/15/2025	Boron, total	0.130 J+	mg/L
34	Background	E008	01/15/2025	Cadmium, total	0.00017 U	mg/L
34	Background	E008	01/15/2025	Calcium, total	160	mg/L
34	Background	E008	01/15/2025	Chloride, total	70.0	mg/L
34	Background	E008	01/15/2025	Chromium, total	0.0011 U	mg/L
34	Background	E008	01/15/2025	Cobalt, total	0.0004 U	mg/L
34	Background	E008	01/15/2025	Dissolved Oxygen	2.92	mg/L
34	Background	E008	01/15/2025	Fluoride, total	0.170	mg/L
34	Background	E008	01/15/2025	Lead, total	0.000810	mg/L
34	Background	E008	01/15/2025	Lithium, total	0.0150	mg/L
34	Background	E008	01/15/2025	Mercury, total	0.000076 U	mg/L
34	Background	E008	01/15/2025	Molybdenum, total	0.0025 U	mg/L
34	Background	E008	01/15/2025	Oxidation Reduction Potential	-75.4	mV
34	Background	E008	01/15/2025	pH (field)	7.2	SU
34	Background	E008	01/15/2025	Radium 226 + Radium 228, total	1.22	pCi/L
34	Background	E008	01/15/2025	Selenium, total	0.00098 U	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
34	Background	E008	01/15/2025	Specific Conductance @ 25C (field)	2,225	micromhos/cm
34	Background	E008	01/15/2025	Sulfate, total	52.0	mg/L
34	Background	E008	01/15/2025	Temperature	10.9	degrees C
34	Background	E008	01/15/2025	Thallium, total	0.00057 U	mg/L
34	Background	E008	01/15/2025	Total Dissolved Solids	740	mg/L
34	Background	E008	01/15/2025	Turbidity, field	17.9	NTU
21R	Compliance	E008	01/16/2025	Antimony, total	0.0013 U	mg/L
21R	Compliance	E008	01/16/2025	Arsenic, total	0.0210	mg/L
21R	Compliance	E008	01/16/2025	Barium, total	0.280	mg/L
21R	Compliance	E008	01/16/2025	Beryllium, total	0.00053 U	mg/L
21R	Compliance	E008	01/16/2025	Boron, total	2.00	mg/L
21R	Compliance	E008	01/16/2025	Cadmium, total	0.00017 U	mg/L
21R	Compliance	E008	01/16/2025	Calcium, total	120	mg/L
21R	Compliance	E008	01/16/2025	Chloride, total	94.0	mg/L
21R	Compliance	E008	01/16/2025	Chromium, total	0.0011 U	mg/L
21R	Compliance	E008	01/16/2025	Cobalt, total	0.0004 U	mg/L
21R	Compliance	E008	01/16/2025	Dissolved Oxygen	0.110	mg/L
21R	Compliance	E008	01/16/2025	Fluoride, total	0.160	mg/L
21R	Compliance	E008	01/16/2025	Lead, total	0.00019 U	mg/L
21R	Compliance	E008	01/16/2025	Lithium, total	0.0230	mg/L
21R	Compliance	E008	01/16/2025	Mercury, total	0.000076 U	mg/L
21R	Compliance	E008	01/16/2025	Molybdenum, total	0.00850	mg/L
21R	Compliance	E008	01/16/2025	Oxidation Reduction Potential	-22.2	mV
21R	Compliance	E008	01/16/2025	pH (field)	7.7	SU
21R	Compliance	E008	01/16/2025	Radium 226 + Radium 228, total	1.01	pCi/L
21R	Compliance	E008	01/16/2025	Selenium, total	0.00098 U	mg/L
21R	Compliance	E008	01/16/2025	Specific Conductance @ 25C (field)	1,162	micromhos/cm
21R	Compliance	E008	01/16/2025	Sulfate, total	79.0	mg/L
21R	Compliance	E008	01/16/2025	Temperature	12.1	degrees C
21R	Compliance	E008	01/16/2025	Thallium, total	0.00057 U	mg/L
21R	Compliance	E008	01/16/2025	Total Dissolved Solids	660	mg/L
21R	Compliance	E008	01/16/2025	Turbidity, field	112	NTU
22	Compliance	E008	01/15/2025	Antimony, total	0.0013 U	mg/L
22	Compliance	E008	01/15/2025	Arsenic, total	0.00078 J	mg/L
22	Compliance	E008	01/15/2025	Barium, total	0.0600	mg/L
22	Compliance	E008	01/15/2025	Beryllium, total	0.00053 U	mg/L
22	Compliance	E008	01/15/2025	Boron, total	3.40	mg/L
22	Compliance	E008	01/15/2025	Cadmium, total	0.00510	mg/L
22	Compliance	E008	01/15/2025	Calcium, total	94.0	mg/L
22	Compliance	E008	01/15/2025	Chloride, total	97.0	mg/L
22	Compliance	E008	01/15/2025	Chromium, total	0.0011 U	mg/L
22	Compliance	E008	01/15/2025	Cobalt, total	0.00200	mg/L
22	Compliance	E008	01/15/2025	Dissolved Oxygen	0.810	mg/L
22	Compliance	E008	01/15/2025	Fluoride, total	0.160	mg/L
22	Compliance	E008	01/15/2025	Lead, total	0.00046 J	mg/L
22	Compliance	E008	01/15/2025	Lithium, total	0.0540	mg/L

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845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
22	Compliance	E008	01/15/2025	Mercury, total	0.000076 U	mg/L
22	Compliance	E008	01/15/2025	Molybdenum, total	0.0710	mg/L
22	Compliance	E008	01/15/2025	Oxidation Reduction Potential	49.1	mV
22	Compliance	E008	01/15/2025	pH (field)	7.7	SU
22	Compliance	E008	01/15/2025	Radium 226 + Radium 228, total	0.938	pCi/L
22	Compliance	E008	01/15/2025	Selenium, total	0.0150	mg/L
22	Compliance	E008	01/15/2025	Specific Conductance @ 25C (field)	1,970	micromhos/cm
22	Compliance	E008	01/15/2025	Sulfate, total	130	mg/L
22	Compliance	E008	01/15/2025	Temperature	14.5	degrees C
22	Compliance	E008	01/15/2025	Thallium, total	0.00057 U	mg/L
22	Compliance	E008	01/15/2025	Total Dissolved Solids	620	mg/L
22	Compliance	E008	01/15/2025	Turbidity, field	3.84	NTU
22D	Compliance	E008	01/15/2025	Antimony, total	0.0013 U	mg/L
22D	Compliance	E008	01/15/2025	Arsenic, total	0.00094 J	mg/L
22D	Compliance	E008	01/15/2025	Barium, total	0.0690	mg/L
22D	Compliance	E008	01/15/2025	Beryllium, total	0.00053 U	mg/L
22D	Compliance	E008	01/15/2025	Boron, total	1.40	mg/L
22D	Compliance	E008	01/15/2025	Cadmium, total	0.00017 U	mg/L
22D	Compliance	E008	01/15/2025	Calcium, total	120	mg/L
22D	Compliance	E008	01/15/2025	Chloride, total	100	mg/L
22D	Compliance	E008	01/15/2025	Chromium, total	0.0011 U	mg/L
22D	Compliance	E008	01/15/2025	Cobalt, total	0.0004 U	mg/L
22D	Compliance	E008	01/15/2025	Dissolved Oxygen	0.990	mg/L
22D	Compliance	E008	01/15/2025	Fluoride, total	0.120	mg/L
22D	Compliance	E008	01/15/2025	Lead, total	0.00019 U	mg/L
22D	Compliance	E008	01/15/2025	Lithium, total	0.0170	mg/L
22D	Compliance	E008	01/15/2025	Mercury, total	0.000076 U	mg/L
22D	Compliance	E008	01/15/2025	Molybdenum, total	0.00630	mg/L
22D	Compliance	E008	01/15/2025	Oxidation Reduction Potential	-115	mV
22D	Compliance	E008	01/15/2025	pH (field)	7.4	SU
22D	Compliance	E008	01/15/2025	Radium 226 + Radium 228, total	1.76	pCi/L
22D	Compliance	E008	01/15/2025	Selenium, total	0.00098 U	mg/L
22D	Compliance	E008	01/15/2025	Specific Conductance @ 25C (field)	2,114	micromhos/cm
22D	Compliance	E008	01/15/2025	Sulfate, total	96.0	mg/L
22D	Compliance	E008	01/15/2025	Temperature	12.9	degrees C
22D	Compliance	E008	01/15/2025	Thallium, total	0.00057 U	mg/L
22D	Compliance	E008	01/15/2025	Total Dissolved Solids	660	mg/L
22D	Compliance	E008	01/15/2025	Turbidity, field	5.55	NTU
23	Compliance	E008	01/17/2025	Antimony, total	0.0013 U	mg/L
23	Compliance	E008	01/17/2025	Arsenic, total	0.00058 J	mg/L
23	Compliance	E008	01/17/2025	Barium, total	0.0370	mg/L
23	Compliance	E008	01/17/2025	Beryllium, total	0.00053 U	mg/L
23	Compliance	E008	01/17/2025	Boron, total	9.90	mg/L
23	Compliance	E008	01/17/2025	Cadmium, total	0.00017 U	mg/L
23	Compliance	E008	01/17/2025	Calcium, total	110	mg/L
23	Compliance	E008	01/17/2025	Chloride, total	66.0	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
23	Compliance	E008	01/17/2025	Chromium, total	0.0011 U	mg/L
23	Compliance	E008	01/17/2025	Cobalt, total	0.0004 U	mg/L
23	Compliance	E008	01/17/2025	Dissolved Oxygen	0.110	mg/L
23	Compliance	E008	01/17/2025	Fluoride, total	0.170	mg/L
23	Compliance	E008	01/17/2025	Lead, total	0.00019 U	mg/L
23	Compliance	E008	01/17/2025	Lithium, total	0.00650	mg/L
23	Compliance	E008	01/17/2025	Mercury, total	0.000076 U	mg/L
23	Compliance	E008	01/17/2025	Molybdenum, total	0.0150	mg/L
23	Compliance	E008	01/17/2025	Oxidation Reduction Potential	123	mV
23	Compliance	E008	01/17/2025	pH (field)	7.5	SU
23	Compliance	E008	01/17/2025	Radium 226 + Radium 228, total	0.351	pCi/L
23	Compliance	E008	01/17/2025	Selenium, total	0.00098 U	mg/L
23	Compliance	E008	01/17/2025	Specific Conductance @ 25C (field)	1,233	micromhos/cm
23	Compliance	E008	01/17/2025	Sulfate, total	420	mg/L
23	Compliance	E008	01/17/2025	Temperature	12.9	degrees C
23	Compliance	E008	01/17/2025	Thallium, total	0.00057 U	mg/L
23	Compliance	E008	01/17/2025	Total Dissolved Solids	910	mg/L
23	Compliance	E008	01/17/2025	Turbidity, field	3.13	NTU
27	Compliance	E008	01/14/2025	Antimony, total	0.0013 U	mg/L
27	Compliance	E008	01/14/2025	Arsenic, total	0.00150	mg/L
27	Compliance	E008	01/14/2025	Barium, total	0.0850	mg/L
27	Compliance	E008	01/14/2025	Beryllium, total	0.00053 U	mg/L
27	Compliance	E008	01/14/2025	Boron, total	2.70	mg/L
27	Compliance	E008	01/14/2025	Cadmium, total	0.00017 U	mg/L
27	Compliance	E008	01/14/2025	Calcium, total	130	mg/L
27	Compliance	E008	01/14/2025	Chloride, total	94.0	mg/L
27	Compliance	E008	01/14/2025	Chromium, total	0.0011 U	mg/L
27	Compliance	E008	01/14/2025	Cobalt, total	0.00130	mg/L
27	Compliance	E008	01/14/2025	Dissolved Oxygen	1.32	mg/L
27	Compliance	E008	01/14/2025	Fluoride, total	0.150	mg/L
27	Compliance	E008	01/14/2025	Lead, total	0.00023 J	mg/L
27	Compliance	E008	01/14/2025	Lithium, total	0.0190	mg/L
27	Compliance	E008	01/14/2025	Mercury, total	0.000076 U	mg/L
27	Compliance	E008	01/14/2025	Molybdenum, total	0.0047 J	mg/L
27	Compliance	E008	01/14/2025	Oxidation Reduction Potential	-59.0	mV
27	Compliance	E008	01/14/2025	pH (field)	7.3	SU
27	Compliance	E008	01/14/2025	Radium 226 + Radium 228, total	0.586	pCi/L
27	Compliance	E008	01/14/2025	Selenium, total	0.00098 U	mg/L
27	Compliance	E008	01/14/2025	Specific Conductance @ 25C (field)	2,079	micromhos/cm
27	Compliance	E008	01/14/2025	Sulfate, total	130	mg/L
27	Compliance	E008	01/14/2025	Temperature	10.6	degrees C
27	Compliance	E008	01/14/2025	Thallium, total	0.00057 U	mg/L
27	Compliance	E008	01/14/2025	Total Dissolved Solids	680	mg/L
27	Compliance	E008	01/14/2025	Turbidity, field	169	NTU
35	Compliance	E008	01/16/2025	Antimony, total	0.0013 U	mg/L
35	Compliance	E008	01/16/2025	Arsenic, total	0.00071 J	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
35	Compliance	E008	01/16/2025	Barium, total	0.0580	mg/L
35	Compliance	E008	01/16/2025	Beryllium, total	0.00053 U	mg/L
35	Compliance	E008	01/16/2025	Boron, total	13.0	mg/L
35	Compliance	E008	01/16/2025	Cadmium, total	0.00041 J	mg/L
35	Compliance	E008	01/16/2025	Calcium, total	380	mg/L
35	Compliance	E008	01/16/2025	Chloride, total	15.0	mg/L
35	Compliance	E008	01/16/2025	Chromium, total	0.0011 U	mg/L
35	Compliance	E008	01/16/2025	Cobalt, total	0.00120	mg/L
35	Compliance	E008	01/16/2025	Dissolved Oxygen	1.10	mg/L
35	Compliance	E008	01/16/2025	Fluoride, total	0.170	mg/L
35	Compliance	E008	01/16/2025	Lead, total	0.00019 U	mg/L
35	Compliance	E008	01/16/2025	Lithium, total	0.0260	mg/L
35	Compliance	E008	01/16/2025	Mercury, total	0.000076 U	mg/L
35	Compliance	E008	01/16/2025	Molybdenum, total	0.0550	mg/L
35	Compliance	E008	01/16/2025	Oxidation Reduction Potential	86.5	mV
35	Compliance	E008	01/16/2025	pH (field)	7.0	SU
35	Compliance	E008	01/16/2025	Radium 226 + Radium 228, total	0.515	pCi/L
35	Compliance	E008	01/16/2025	Selenium, total	0.00098 U	mg/L
35	Compliance	E008	01/16/2025	Specific Conductance @ 25C (field)	2,937	micromhos/cm
35	Compliance	E008	01/16/2025	Sulfate, total	920	mg/L
35	Compliance	E008	01/16/2025	Temperature	12.4	degrees C
35	Compliance	E008	01/16/2025	Thallium, total	0.00057 U	mg/L
35	Compliance	E008	01/16/2025	Total Dissolved Solids	1,600	mg/L
35	Compliance	E008	01/16/2025	Turbidity, field	12.1	NTU
49	Compliance	E008	01/17/2025	Antimony, total	0.0013 U	mg/L
49	Compliance	E008	01/17/2025	Arsenic, total	0.00023 U	mg/L
49	Compliance	E008	01/17/2025	Barium, total	0.0610	mg/L
49	Compliance	E008	01/17/2025	Beryllium, total	0.00053 U	mg/L
49	Compliance	E008	01/17/2025	Boron, total	0.630 J+	mg/L
49	Compliance	E008	01/17/2025	Cadmium, total	0.00130	mg/L
49	Compliance	E008	01/17/2025	Calcium, total	100	mg/L
49	Compliance	E008	01/17/2025	Chloride, total	110	mg/L
49	Compliance	E008	01/17/2025	Chromium, total	0.0011 U	mg/L
49	Compliance	E008	01/17/2025	Cobalt, total	0.00240	mg/L
49	Compliance	E008	01/17/2025	Dissolved Oxygen	0.140	mg/L
49	Compliance	E008	01/17/2025	Fluoride, total	0.160	mg/L
49	Compliance	E008	01/17/2025	Lead, total	0.00019 J	mg/L
49	Compliance	E008	01/17/2025	Lithium, total	0.0270	mg/L
49	Compliance	E008	01/17/2025	Mercury, total	0.000076 U	mg/L
49	Compliance	E008	01/17/2025	Molybdenum, total	0.0220	mg/L
49	Compliance	E008	01/17/2025	Oxidation Reduction Potential	143	mV
49	Compliance	E008	01/17/2025	pH (field)	7.1	SU
49	Compliance	E008	01/17/2025	Radium 226 + Radium 228, total	0.463	pCi/L
49	Compliance	E008	01/17/2025	Selenium, total	0.00098 U	mg/L
49	Compliance	E008	01/17/2025	Specific Conductance @ 25C (field)	1,185	micromhos/cm
49	Compliance	E008	01/17/2025	Sulfate, total	81.0	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
49	Compliance	E008	01/17/2025	Temperature	14.1	degrees C
49	Compliance	E008	01/17/2025	Thallium, total	0.00057 U	mg/L
49	Compliance	E008	01/17/2025	Total Dissolved Solids	650	mg/L
49	Compliance	E008	01/17/2025	Turbidity, field	7.98	NTU
50	Compliance	E008	01/16/2025	Antimony, total	0.0013 U	mg/L
50	Compliance	E008	01/16/2025	Arsenic, total	0.00065 J	mg/L
50	Compliance	E008	01/16/2025	Barium, total	0.0740	mg/L
50	Compliance	E008	01/16/2025	Beryllium, total	0.00053 U	mg/L
50	Compliance	E008	01/16/2025	Boron, total	1.80	mg/L
50	Compliance	E008	01/16/2025	Cadmium, total	0.00180	mg/L
50	Compliance	E008	01/16/2025	Calcium, total	110	mg/L
50	Compliance	E008	01/16/2025	Chloride, total	88.0	mg/L
50	Compliance	E008	01/16/2025	Chromium, total	0.0011 U	mg/L
50	Compliance	E008	01/16/2025	Cobalt, total	0.00460	mg/L
50	Compliance	E008	01/16/2025	Dissolved Oxygen	0.230	mg/L
50	Compliance	E008	01/16/2025	Fluoride, total	0.150	mg/L
50	Compliance	E008	01/16/2025	Lead, total	0.00029 J	mg/L
50	Compliance	E008	01/16/2025	Lithium, total	0.0320	mg/L
50	Compliance	E008	01/16/2025	Mercury, total	0.000076 U	mg/L
50	Compliance	E008	01/16/2025	Molybdenum, total	0.0530	mg/L
50	Compliance	E008	01/16/2025	Oxidation Reduction Potential	38.0	mV
50	Compliance	E008	01/16/2025	pH (field)	7.6	SU
50	Compliance	E008	01/16/2025	Radium 226 + Radium 228, total	1.72	pCi/L
50	Compliance	E008	01/16/2025	Selenium, total	0.00098 U	mg/L
50	Compliance	E008	01/16/2025	Specific Conductance @ 25C (field)	1,042	micromhos/cm
50	Compliance	E008	01/16/2025	Sulfate, total	130	mg/L
50	Compliance	E008	01/16/2025	Temperature	15.1	degrees C
50	Compliance	E008	01/16/2025	Thallium, total	0.00057 U	mg/L
50	Compliance	E008	01/16/2025	Total Dissolved Solids	630	mg/L
50	Compliance	E008	01/16/2025	Turbidity, field	8.84	NTU
51	Compliance	E008	01/16/2025	Antimony, total	0.0013 U	mg/L
51	Compliance	E008	01/16/2025	Arsenic, total	0.0190	mg/L
51	Compliance	E008	01/16/2025	Barium, total	0.110	mg/L
51	Compliance	E008	01/16/2025	Beryllium, total	0.00053 U	mg/L
51	Compliance	E008	01/16/2025	Boron, total	1.40	mg/L
51	Compliance	E008	01/16/2025	Cadmium, total	0.00017 U	mg/L
51	Compliance	E008	01/16/2025	Calcium, total	120	mg/L
51	Compliance	E008	01/16/2025	Chloride, total	110	mg/L
51	Compliance	E008	01/16/2025	Chromium, total	0.0011 U	mg/L
51	Compliance	E008	01/16/2025	Cobalt, total	0.00049 J	mg/L
51	Compliance	E008	01/16/2025	Dissolved Oxygen	1.00	mg/L
51	Compliance	E008	01/16/2025	Fluoride, total	0.140	mg/L
51	Compliance	E008	01/16/2025	Lead, total	0.00049 J	mg/L
51	Compliance	E008	01/16/2025	Lithium, total	0.0250	mg/L
51	Compliance	E008	01/16/2025	Mercury, total	0.000076 U	mg/L
51	Compliance	E008	01/16/2025	Molybdenum, total	0.00800	mg/L

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

845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
51	Compliance	E008	01/16/2025	Oxidation Reduction Potential	-156	mV
51	Compliance	E008	01/16/2025	pH (field)	7.5	SU
51	Compliance	E008	01/16/2025	Radium 226 + Radium 228, total	1.02	pCi/L
51	Compliance	E008	01/16/2025	Selenium, total	0.00098 U	mg/L
51	Compliance	E008	01/16/2025	Specific Conductance @ 25C (field)	2,153	micromhos/cm
51	Compliance	E008	01/16/2025	Sulfate, total	95.0	mg/L
51	Compliance	E008	01/16/2025	Temperature	10.4	degrees C
51	Compliance	E008	01/16/2025	Thallium, total	0.00057 U	mg/L
51	Compliance	E008	01/16/2025	Total Dissolved Solids	670	mg/L
51	Compliance	E008	01/16/2025	Turbidity, field	13	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.
 - 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.
- SU = Standard Units

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
32	Background	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
32	Background	E009	04/08/2025	Arsenic, total	0.00026 J	mg/L
32	Background	E009	04/08/2025	Barium, total	0.0500	mg/L
32	Background	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
32	Background	E009	04/08/2025	Boron, total	0.160	mg/L
32	Background	E009	04/08/2025	Cadmium, total	0.0003 J	mg/L
32	Background	E009	04/08/2025	Calcium, total	140	mg/L
32	Background	E009	04/08/2025	Chloride, total	120	mg/L
32	Background	E009	04/08/2025	Chromium, total	0.0014 J	mg/L
32	Background	E009	04/08/2025	Cobalt, total	0.00100	mg/L
32	Background	E009	04/08/2025	Dissolved Oxygen	0.180	mg/L
32	Background	E009	04/08/2025	Fluoride, total	0.110	mg/L
32	Background	E009	04/08/2025	Lead, total	0.000800 J+	mg/L
32	Background	E009	04/08/2025	Lithium, total	0.00500	mg/L
32	Background	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
32	Background	E009	04/08/2025	Molybdenum, total	0.0025 U	mg/L
32	Background	E009	04/08/2025	Oxidation Reduction Potential	145	mV
32	Background	E009	04/08/2025	pH (field)	6.9	SU
32	Background	E009	04/08/2025	Radium 226 + Radium 228, total	0.712	pCi/L
32	Background	E009	04/08/2025	Selenium, total	0.0025 UJ	mg/L
32	Background	E009	04/08/2025	Specific Conductance @ 25C (field)	1,029	micromhos/cm
32	Background	E009	04/08/2025	Sulfate, total	140	mg/L
32	Background	E009	04/08/2025	Temperature	9.80	degrees C
32	Background	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
32	Background	E009	04/08/2025	Total Dissolved Solids	670	mg/L
32	Background	E009	04/08/2025	Turbidity, field	13.6	NTU
34	Background	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
34	Background	E009	04/08/2025	Arsenic, total	0.00047 J	mg/L
34	Background	E009	04/08/2025	Barium, total	0.130	mg/L
34	Background	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
34	Background	E009	04/08/2025	Boron, total	0.150	mg/L
34	Background	E009	04/08/2025	Cadmium, total	0.00017 U	mg/L
34	Background	E009	04/08/2025	Calcium, total	180	mg/L
34	Background	E009	04/08/2025	Chloride, total	71.0	mg/L
34	Background	E009	04/08/2025	Chromium, total	0.0011 U	mg/L
34	Background	E009	04/08/2025	Cobalt, total	0.0004 U	mg/L
34	Background	E009	04/08/2025	Dissolved Oxygen	0.270	mg/L
34	Background	E009	04/08/2025	Fluoride, total	0.150	mg/L
34	Background	E009	04/08/2025	Lead, total	0.000620 J+	mg/L
34	Background	E009	04/08/2025	Lithium, total	0.0170	mg/L
34	Background	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
34	Background	E009	04/08/2025	Molybdenum, total	0.0025 U	mg/L
34	Background	E009	04/08/2025	Oxidation Reduction Potential	-82.4	mV
34	Background	E009	04/08/2025	pH (field)	6.7	SU
34	Background	E009	04/08/2025	Radium 226 + Radium 228, total	0.744	pCi/L
34	Background	E009	04/08/2025	Selenium, total	0.00098 U	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
34	Background	E009	04/08/2025	Specific Conductance @ 25C (field)	1,182	micromhos/cm
34	Background	E009	04/08/2025	Sulfate, total	43.0	mg/L
34	Background	E009	04/08/2025	Temperature	12.0	degrees C
34	Background	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
34	Background	E009	04/08/2025	Total Dissolved Solids	740	mg/L
34	Background	E009	04/08/2025	Turbidity, field	13.7	NTU
21R	Compliance	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
21R	Compliance	E009	04/08/2025	Arsenic, total	0.0240	mg/L
21R	Compliance	E009	04/08/2025	Barium, total	0.300	mg/L
21R	Compliance	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
21R	Compliance	E009	04/08/2025	Boron, total	2.10	mg/L
21R	Compliance	E009	04/08/2025	Cadmium, total	0.00017 U	mg/L
21R	Compliance	E009	04/08/2025	Calcium, total	130	mg/L
21R	Compliance	E009	04/08/2025	Chloride, total	97.0	mg/L
21R	Compliance	E009	04/08/2025	Chromium, total	0.0011 U	mg/L
21R	Compliance	E009	04/08/2025	Cobalt, total	0.0004 U	mg/L
21R	Compliance	E009	04/08/2025	Dissolved Oxygen	0.0600	mg/L
21R	Compliance	E009	04/08/2025	Fluoride, total	0.150	mg/L
21R	Compliance	E009	04/08/2025	Lead, total	0.00019 J	mg/L
21R	Compliance	E009	04/08/2025	Lithium, total	0.0270	mg/L
21R	Compliance	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
21R	Compliance	E009	04/08/2025	Molybdenum, total	0.00900	mg/L
21R	Compliance	E009	04/08/2025	Oxidation Reduction Potential	-169	mV
21R	Compliance	E009	04/08/2025	pH (field)	7.2	SU
21R	Compliance	E009	04/08/2025	Radium 226 + Radium 228, total	0.917	pCi/L
21R	Compliance	E009	04/08/2025	Selenium, total	0.00098 U	mg/L
21R	Compliance	E009	04/08/2025	Specific Conductance @ 25C (field)	997	micromhos/cm
21R	Compliance	E009	04/08/2025	Sulfate, total	79.0	mg/L
21R	Compliance	E009	04/08/2025	Temperature	12.2	degrees C
21R	Compliance	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
21R	Compliance	E009	04/08/2025	Total Dissolved Solids	600	mg/L
21R	Compliance	E009	04/08/2025	Turbidity, field	107	NTU
22	Compliance	E009	04/09/2025	Antimony, total	0.0013 U	mg/L
22	Compliance	E009	04/09/2025	Arsenic, total	0.00081 J	mg/L
22	Compliance	E009	04/09/2025	Barium, total	0.0590	mg/L
22	Compliance	E009	04/09/2025	Beryllium, total	0.00053 U	mg/L
22	Compliance	E009	04/09/2025	Boron, total	3.00	mg/L
22	Compliance	E009	04/09/2025	Cadmium, total	0.00500	mg/L
22	Compliance	E009	04/09/2025	Calcium, total	94.0	mg/L
22	Compliance	E009	04/09/2025	Chloride, total	90.0	mg/L
22	Compliance	E009	04/09/2025	Chromium, total	0.0011 U	mg/L
22	Compliance	E009	04/09/2025	Cobalt, total	0.00200	mg/L
22	Compliance	E009	04/09/2025	Dissolved Oxygen	0.0800	mg/L
22	Compliance	E009	04/09/2025	Fluoride, total	0.170	mg/L
22	Compliance	E009	04/09/2025	Lead, total	0.00038 J	mg/L
22	Compliance	E009	04/09/2025	Lithium, total	0.0500	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
22	Compliance	E009	04/09/2025	Mercury, total	0.000076 U	mg/L
22	Compliance	E009	04/09/2025	Molybdenum, total	0.0680	mg/L
22	Compliance	E009	04/09/2025	Oxidation Reduction Potential	30.1	mV
22	Compliance	E009	04/09/2025	pH (field)	7.4	SU
22	Compliance	E009	04/09/2025	Radium 226 + Radium 228, total	0.725	pCi/L
22	Compliance	E009	04/09/2025	Selenium, total	0.0150	mg/L
22	Compliance	E009	04/09/2025	Specific Conductance @ 25C (field)	902	micromhos/cm
22	Compliance	E009	04/09/2025	Sulfate, total	120	mg/L
22	Compliance	E009	04/09/2025	Temperature	15.1	degrees C
22	Compliance	E009	04/09/2025	Thallium, total	0.00057 U	mg/L
22	Compliance	E009	04/09/2025	Total Dissolved Solids	650	mg/L
22	Compliance	E009	04/09/2025	Turbidity, field	3.05	NTU
22D	Compliance	E009	04/09/2025	Antimony, total	0.0013 U	mg/L
22D	Compliance	E009	04/09/2025	Arsenic, total	0.00098 J	mg/L
22D	Compliance	E009	04/09/2025	Barium, total	0.0710	mg/L
22D	Compliance	E009	04/09/2025	Beryllium, total	0.00053 U	mg/L
22D	Compliance	E009	04/09/2025	Boron, total	1.30	mg/L
22D	Compliance	E009	04/09/2025	Cadmium, total	0.00017 U	mg/L
22D	Compliance	E009	04/09/2025	Calcium, total	120	mg/L
22D	Compliance	E009	04/09/2025	Chloride, total	94.0	mg/L
22D	Compliance	E009	04/09/2025	Chromium, total	0.0011 U	mg/L
22D	Compliance	E009	04/09/2025	Cobalt, total	0.0004 U	mg/L
22D	Compliance	E009	04/09/2025	Dissolved Oxygen	0.640	mg/L
22D	Compliance	E009	04/09/2025	Fluoride, total	0.110	mg/L
22D	Compliance	E009	04/09/2025	Lead, total	0.00019 U	mg/L
22D	Compliance	E009	04/09/2025	Lithium, total	0.0190	mg/L
22D	Compliance	E009	04/09/2025	Mercury, total	0.000076 U	mg/L
22D	Compliance	E009	04/09/2025	Molybdenum, total	0.00640	mg/L
22D	Compliance	E009	04/09/2025	Oxidation Reduction Potential	-114	mV
22D	Compliance	E009	04/09/2025	pH (field)	7.1	SU
22D	Compliance	E009	04/09/2025	Radium 226 + Radium 228, total	0.995	pCi/L
22D	Compliance	E009	04/09/2025	Selenium, total	0.00098 U	mg/L
22D	Compliance	E009	04/09/2025	Specific Conductance @ 25C (field)	983	micromhos/cm
22D	Compliance	E009	04/09/2025	Sulfate, total	85.0	mg/L
22D	Compliance	E009	04/09/2025	Temperature	14.9	degrees C
22D	Compliance	E009	04/09/2025	Thallium, total	0.00057 U	mg/L
22D	Compliance	E009	04/09/2025	Total Dissolved Solids	650	mg/L
22D	Compliance	E009	04/09/2025	Turbidity, field	8.95	NTU
23	Compliance	E009	04/09/2025	Antimony, total	0.0013 U	mg/L
23	Compliance	E009	04/09/2025	Arsenic, total	0.00071 J	mg/L
23	Compliance	E009	04/09/2025	Barium, total	0.0390	mg/L
23	Compliance	E009	04/09/2025	Beryllium, total	0.00053 U	mg/L
23	Compliance	E009	04/09/2025	Boron, total	8.50	mg/L
23	Compliance	E009	04/09/2025	Cadmium, total	0.00019 J	mg/L
23	Compliance	E009	04/09/2025	Calcium, total	110	mg/L
23	Compliance	E009	04/09/2025	Chloride, total	56.0	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
23	Compliance	E009	04/09/2025	Chromium, total	0.0011 U	mg/L
23	Compliance	E009	04/09/2025	Cobalt, total	0.00045 J	mg/L
23	Compliance	E009	04/09/2025	Dissolved Oxygen	0.0500	mg/L
23	Compliance	E009	04/09/2025	Fluoride, total	0.160	mg/L
23	Compliance	E009	04/09/2025	Lead, total	0.00027 J	mg/L
23	Compliance	E009	04/09/2025	Lithium, total	0.00730	mg/L
23	Compliance	E009	04/09/2025	Mercury, total	0.000076 U	mg/L
23	Compliance	E009	04/09/2025	Molybdenum, total	0.0150	mg/L
23	Compliance	E009	04/09/2025	Oxidation Reduction Potential	-59.4	mV
23	Compliance	E009	04/09/2025	pH (field)	7.2	SU
23	Compliance	E009	04/09/2025	Radium 226 + Radium 228, total	0.382	pCi/L
23	Compliance	E009	04/09/2025	Selenium, total	0.00098 U	mg/L
23	Compliance	E009	04/09/2025	Specific Conductance @ 25C (field)	1,074	micromhos/cm
23	Compliance	E009	04/09/2025	Sulfate, total	400	mg/L
23	Compliance	E009	04/09/2025	Temperature	13.1	degrees C
23	Compliance	E009	04/09/2025	Thallium, total	0.00057 U	mg/L
23	Compliance	E009	04/09/2025	Total Dissolved Solids	850	mg/L
23	Compliance	E009	04/09/2025	Turbidity, field	8.72	NTU
27	Compliance	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
27	Compliance	E009	04/08/2025	Arsenic, total	0.00160	mg/L
27	Compliance	E009	04/08/2025	Barium, total	0.0920	mg/L
27	Compliance	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
27	Compliance	E009	04/08/2025	Boron, total	2.70	mg/L
27	Compliance	E009	04/08/2025	Cadmium, total	0.00017 U	mg/L
27	Compliance	E009	04/08/2025	Calcium, total	130	mg/L
27	Compliance	E009	04/08/2025	Chloride, total	95.0	mg/L
27	Compliance	E009	04/08/2025	Chromium, total	0.0011 U	mg/L
27	Compliance	E009	04/08/2025	Cobalt, total	0.00160	mg/L
27	Compliance	E009	04/08/2025	Dissolved Oxygen	0.270	mg/L
27	Compliance	E009	04/08/2025	Fluoride, total	0.120	mg/L
27	Compliance	E009	04/08/2025	Lead, total	0.00035 J	mg/L
27	Compliance	E009	04/08/2025	Lithium, total	0.0200	mg/L
27	Compliance	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
27	Compliance	E009	04/08/2025	Molybdenum, total	0.0048 J	mg/L
27	Compliance	E009	04/08/2025	Oxidation Reduction Potential	-67.9	mV
27	Compliance	E009	04/08/2025	pH (field)	7.0	SU
27	Compliance	E009	04/08/2025	Radium 226 + Radium 228, total	0.49	pCi/L
27	Compliance	E009	04/08/2025	Selenium, total	0.00098 U	mg/L
27	Compliance	E009	04/08/2025	Specific Conductance @ 25C (field)	971	micromhos/cm
27	Compliance	E009	04/08/2025	Sulfate, total	150	mg/L
27	Compliance	E009	04/08/2025	Temperature	11.2	degrees C
27	Compliance	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
27	Compliance	E009	04/08/2025	Total Dissolved Solids	720	mg/L
27	Compliance	E009	04/08/2025	Turbidity, field	43.7	NTU
35	Compliance	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
35	Compliance	E009	04/08/2025	Arsenic, total	0.00072 J	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
35	Compliance	E009	04/08/2025	Barium, total	0.0380	mg/L
35	Compliance	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
35	Compliance	E009	04/08/2025	Boron, total	5.50	mg/L
35	Compliance	E009	04/08/2025	Cadmium, total	0.00017 J	mg/L
35	Compliance	E009	04/08/2025	Calcium, total	230	mg/L
35	Compliance	E009	04/08/2025	Chloride, total	11.0	mg/L
35	Compliance	E009	04/08/2025	Chromium, total	0.0011 U	mg/L
35	Compliance	E009	04/08/2025	Cobalt, total	0.00093 J	mg/L
35	Compliance	E009	04/08/2025	Dissolved Oxygen	0.0200	mg/L
35	Compliance	E009	04/08/2025	Fluoride, total	0.200	mg/L
35	Compliance	E009	04/08/2025	Lead, total	0.0005 UJ	mg/L
35	Compliance	E009	04/08/2025	Lithium, total	0.0160	mg/L
35	Compliance	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
35	Compliance	E009	04/08/2025	Molybdenum, total	0.0440	mg/L
35	Compliance	E009	04/08/2025	Oxidation Reduction Potential	151	mV
35	Compliance	E009	04/08/2025	pH (field)	6.8	SU
35	Compliance	E009	04/08/2025	Radium 226 + Radium 228, total	0.508	pCi/L
35	Compliance	E009	04/08/2025	Selenium, total	0.0025 UJ	mg/L
35	Compliance	E009	04/08/2025	Specific Conductance @ 25C (field)	911	micromhos/cm
35	Compliance	E009	04/08/2025	Sulfate, total	340	mg/L
35	Compliance	E009	04/08/2025	Temperature	11.2	degrees C
35	Compliance	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
35	Compliance	E009	04/08/2025	Total Dissolved Solids	890	mg/L
35	Compliance	E009	04/08/2025	Turbidity, field	172	NTU
49	Compliance	E009	04/09/2025	Antimony, total	0.0013 U	mg/L
49	Compliance	E009	04/09/2025	Arsenic, total	0.00023 U	mg/L
49	Compliance	E009	04/09/2025	Barium, total	0.0640	mg/L
49	Compliance	E009	04/09/2025	Beryllium, total	0.00053 U	mg/L
49	Compliance	E009	04/09/2025	Boron, total	0.630	mg/L
49	Compliance	E009	04/09/2025	Cadmium, total	0.00120	mg/L
49	Compliance	E009	04/09/2025	Calcium, total	120	mg/L
49	Compliance	E009	04/09/2025	Chloride, total	110	mg/L
49	Compliance	E009	04/09/2025	Chromium, total	0.0011 U	mg/L
49	Compliance	E009	04/09/2025	Cobalt, total	0.00260	mg/L
49	Compliance	E009	04/09/2025	Dissolved Oxygen	0.120	mg/L
49	Compliance	E009	04/09/2025	Fluoride, total	0.160	mg/L
49	Compliance	E009	04/09/2025	Lead, total	0.00022 J	mg/L
49	Compliance	E009	04/09/2025	Lithium, total	0.0270	mg/L
49	Compliance	E009	04/09/2025	Mercury, total	0.000076 U	mg/L
49	Compliance	E009	04/09/2025	Molybdenum, total	0.0220	mg/L
49	Compliance	E009	04/09/2025	Oxidation Reduction Potential	38.4	mV
49	Compliance	E009	04/09/2025	pH (field)	6.8	SU
49	Compliance	E009	04/09/2025	Radium 226 + Radium 228, total	0.469	pCi/L
49	Compliance	E009	04/09/2025	Selenium, total	0.00098 U	mg/L
49	Compliance	E009	04/09/2025	Specific Conductance @ 25C (field)	997	micromhos/cm
49	Compliance	E009	04/09/2025	Sulfate, total	87.0	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
49	Compliance	E009	04/09/2025	Temperature	14.2	degrees C
49	Compliance	E009	04/09/2025	Thallium, total	0.00057 U	mg/L
49	Compliance	E009	04/09/2025	Total Dissolved Solids	610	mg/L
49	Compliance	E009	04/09/2025	Turbidity, field	6.31	NTU
50	Compliance	E009	04/09/2025	Antimony, total	0.0013 U	mg/L
50	Compliance	E009	04/09/2025	Arsenic, total	0.0007 J	mg/L
50	Compliance	E009	04/09/2025	Barium, total	0.0540	mg/L
50	Compliance	E009	04/09/2025	Beryllium, total	0.00053 U	mg/L
50	Compliance	E009	04/09/2025	Boron, total	2.80	mg/L
50	Compliance	E009	04/09/2025	Cadmium, total	0.00120	mg/L
50	Compliance	E009	04/09/2025	Calcium, total	100	mg/L
50	Compliance	E009	04/09/2025	Chloride, total	82.0	mg/L
50	Compliance	E009	04/09/2025	Chromium, total	0.0011 U	mg/L
50	Compliance	E009	04/09/2025	Cobalt, total	0.00260	mg/L
50	Compliance	E009	04/09/2025	Dissolved Oxygen	0.280	mg/L
50	Compliance	E009	04/09/2025	Fluoride, total	0.180	mg/L
50	Compliance	E009	04/09/2025	Lead, total	0.00019 U	mg/L
50	Compliance	E009	04/09/2025	Lithium, total	0.0310	mg/L
50	Compliance	E009	04/09/2025	Mercury, total	0.000076 U	mg/L
50	Compliance	E009	04/09/2025	Molybdenum, total	0.0720	mg/L
50	Compliance	E009	04/09/2025	Oxidation Reduction Potential	38.1	mV
50	Compliance	E009	04/09/2025	pH (field)	7.4	SU
50	Compliance	E009	04/09/2025	Radium 226 + Radium 228, total	0.37	pCi/L
50	Compliance	E009	04/09/2025	Selenium, total	0.00098 U	mg/L
50	Compliance	E009	04/09/2025	Specific Conductance @ 25C (field)	823	micromhos/cm
50	Compliance	E009	04/09/2025	Sulfate, total	150	mg/L
50	Compliance	E009	04/09/2025	Temperature	14.2	degrees C
50	Compliance	E009	04/09/2025	Thallium, total	0.00057 U	mg/L
50	Compliance	E009	04/09/2025	Total Dissolved Solids	550	mg/L
50	Compliance	E009	04/09/2025	Turbidity, field	9.86	NTU
51	Compliance	E009	04/09/2025	Antimony, total	0.0013 U	mg/L
51	Compliance	E009	04/09/2025	Arsenic, total	0.0190	mg/L
51	Compliance	E009	04/09/2025	Barium, total	0.100	mg/L
51	Compliance	E009	04/09/2025	Beryllium, total	0.00053 U	mg/L
51	Compliance	E009	04/09/2025	Boron, total	1.50	mg/L
51	Compliance	E009	04/09/2025	Cadmium, total	0.00017 U	mg/L
51	Compliance	E009	04/09/2025	Calcium, total	120	mg/L
51	Compliance	E009	04/09/2025	Chloride, total	98.0	mg/L
51	Compliance	E009	04/09/2025	Chromium, total	0.0011 U	mg/L
51	Compliance	E009	04/09/2025	Cobalt, total	0.00048 J	mg/L
51	Compliance	E009	04/09/2025	Dissolved Oxygen	0.0900	mg/L
51	Compliance	E009	04/09/2025	Fluoride, total	0.160	mg/L
51	Compliance	E009	04/09/2025	Lead, total	0.00026 J	mg/L
51	Compliance	E009	04/09/2025	Lithium, total	0.0260	mg/L
51	Compliance	E009	04/09/2025	Mercury, total	0.000076 U	mg/L
51	Compliance	E009	04/09/2025	Molybdenum, total	0.00890	mg/L

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

845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
51	Compliance	E009	04/09/2025	Oxidation Reduction Potential	-139	mV
51	Compliance	E009	04/09/2025	pH (field)	7.1	SU
51	Compliance	E009	04/09/2025	Radium 226 + Radium 228, total	1.29	pCi/L
51	Compliance	E009	04/09/2025	Selenium, total	0.00098 U	mg/L
51	Compliance	E009	04/09/2025	Specific Conductance @ 25C (field)	997	micromhos/cm
51	Compliance	E009	04/09/2025	Sulfate, total	84.0	mg/L
51	Compliance	E009	04/09/2025	Temperature	11.8	degrees C
51	Compliance	E009	04/09/2025	Thallium, total	0.00057 U	mg/L
51	Compliance	E009	04/09/2025	Total Dissolved Solids	640	mg/L
51	Compliance	E009	04/09/2025	Turbidity, field	60.7	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
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
32	Background	E010	07/15/2025	Antimony, total	0.0013 U	mg/L
32	Background	E010	07/15/2025	Arsenic, total	0.001 UJ	mg/L
32	Background	E010	07/15/2025	Barium, total	0.0470 J+	mg/L
32	Background	E010	07/15/2025	Beryllium, total	0.00053 U	mg/L
32	Background	E010	07/15/2025	Boron, total	0.190 J+	mg/L
32	Background	E010	07/15/2025	Cadmium, total	0.00023 J	mg/L
32	Background	E010	07/15/2025	Calcium, total	130 J+	mg/L
32	Background	E010	07/15/2025	Chloride, total	87.0	mg/L
32	Background	E010	07/15/2025	Chromium, total	0.0011 U	mg/L
32	Background	E010	07/15/2025	Cobalt, total	0.00082 J	mg/L
32	Background	E010	07/15/2025	Dissolved Oxygen	0.450	mg/L
32	Background	E010	07/15/2025	Fluoride, total	0.190 J+	mg/L
32	Background	E010	07/15/2025	Lead, total	0.00019 U	mg/L
32	Background	E010	07/15/2025	Lithium, total	0.005 UJ	mg/L
32	Background	E010	07/15/2025	Mercury, total	0.000076 U	mg/L
32	Background	E010	07/15/2025	Molybdenum, total	0.0025 U	mg/L
32	Background	E010	07/15/2025	Oxidation Reduction Potential	41.8	mV
32	Background	E010	07/15/2025	pH (field)	7.3	SU
32	Background	E010	07/15/2025	Radium 226 + Radium 228, total	0.756	pCi/L
32	Background	E010	07/15/2025	Selenium, total	0.0011 J	mg/L
32	Background	E010	07/15/2025	Specific Conductance @ 25C (field)	888	micromhos/cm
32	Background	E010	07/15/2025	Sulfate, total	92.0 J+	mg/L
32	Background	E010	07/15/2025	Temperature	14.0	degrees C
32	Background	E010	07/15/2025	Thallium, total	0.00057 U	mg/L
32	Background	E010	07/15/2025	Total Dissolved Solids	630 J+	mg/L
32	Background	E010	07/15/2025	Turbidity, field	35.5	NTU
34	Background	E010	07/15/2025	Antimony, total	0.0013 U	mg/L
34	Background	E010	07/15/2025	Arsenic, total	0.001 UJ	mg/L
34	Background	E010	07/15/2025	Barium, total	0.120 J+	mg/L
34	Background	E010	07/15/2025	Beryllium, total	0.00053 U	mg/L
34	Background	E010	07/15/2025	Boron, total	0.160 J+	mg/L
34	Background	E010	07/15/2025	Cadmium, total	0.00017 U	mg/L
34	Background	E010	07/15/2025	Calcium, total	180 J+	mg/L
34	Background	E010	07/15/2025	Chloride, total	75.0	mg/L
34	Background	E010	07/15/2025	Chromium, total	0.0023 J	mg/L
34	Background	E010	07/15/2025	Cobalt, total	0.0004 U	mg/L
34	Background	E010	07/15/2025	Dissolved Oxygen	0.340	mg/L
34	Background	E010	07/15/2025	Fluoride, total	0.220 J+	mg/L
34	Background	E010	07/15/2025	Lead, total	0.00044 J	mg/L
34	Background	E010	07/15/2025	Lithium, total	0.0150 J+	mg/L
34	Background	E010	07/15/2025	Mercury, total	0.000076 U	mg/L
34	Background	E010	07/15/2025	Molybdenum, total	0.0025 U	mg/L
34	Background	E010	07/15/2025	Oxidation Reduction Potential	-117	mV
34	Background	E010	07/15/2025	pH (field)	7.0	SU
34	Background	E010	07/15/2025	Radium 226 + Radium 228, total	0.971	pCi/L
34	Background	E010	07/15/2025	Selenium, total	0.00098 U	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
34	Background	E010	07/15/2025	Specific Conductance @ 25C (field)	1,164	micromhos/cm
34	Background	E010	07/15/2025	Sulfate, total	45.0 J+	mg/L
34	Background	E010	07/15/2025	Temperature	13.5	degrees C
34	Background	E010	07/15/2025	Thallium, total	0.00057 U	mg/L
34	Background	E010	07/15/2025	Total Dissolved Solids	770 J+	mg/L
34	Background	E010	07/15/2025	Turbidity, field	26.4	NTU
21R	Compliance	E010	07/15/2025	Antimony, total	0.0013 U	mg/L
21R	Compliance	E010	07/15/2025	Arsenic, total	0.0230	mg/L
21R	Compliance	E010	07/15/2025	Barium, total	0.290	mg/L
21R	Compliance	E010	07/15/2025	Beryllium, total	0.00053 U	mg/L
21R	Compliance	E010	07/15/2025	Boron, total	2.00	mg/L
21R	Compliance	E010	07/15/2025	Cadmium, total	0.00017 U	mg/L
21R	Compliance	E010	07/15/2025	Calcium, total	130 J+	mg/L
21R	Compliance	E010	07/15/2025	Chloride, total	93.0	mg/L
21R	Compliance	E010	07/15/2025	Chromium, total	0.0011 U	mg/L
21R	Compliance	E010	07/15/2025	Cobalt, total	0.0004 U	mg/L
21R	Compliance	E010	07/15/2025	Dissolved Oxygen	0.340	mg/L
21R	Compliance	E010	07/15/2025	Fluoride, total	0.200 J+	mg/L
21R	Compliance	E010	07/15/2025	Lead, total	0.00019 U	mg/L
21R	Compliance	E010	07/15/2025	Lithium, total	0.0260	mg/L
21R	Compliance	E010	07/15/2025	Mercury, total	0.000076 U	mg/L
21R	Compliance	E010	07/15/2025	Molybdenum, total	0.00820	mg/L
21R	Compliance	E010	07/15/2025	Oxidation Reduction Potential	-174	mV
21R	Compliance	E010	07/15/2025	pH (field)	7.5	SU
21R	Compliance	E010	07/15/2025	Radium 226 + Radium 228, total	1.04	pCi/L
21R	Compliance	E010	07/15/2025	Selenium, total	0.00098 U	mg/L
21R	Compliance	E010	07/15/2025	Specific Conductance @ 25C (field)	986	micromhos/cm
21R	Compliance	E010	07/15/2025	Sulfate, total	75.0 J+	mg/L
21R	Compliance	E010	07/15/2025	Temperature	15.0	degrees C
21R	Compliance	E010	07/15/2025	Thallium, total	0.00057 U	mg/L
21R	Compliance	E010	07/15/2025	Total Dissolved Solids	600 J+	mg/L
21R	Compliance	E010	07/15/2025	Turbidity, field	3.03	NTU
22	Compliance	E010	07/18/2025	Antimony, total	0.0013 U	mg/L
22	Compliance	E010	07/18/2025	Arsenic, total	0.001 UJ	mg/L
22	Compliance	E010	07/18/2025	Barium, total	0.0610 J+	mg/L
22	Compliance	E010	07/18/2025	Beryllium, total	0.00053 U	mg/L
22	Compliance	E010	07/18/2025	Boron, total	2.90	mg/L
22	Compliance	E010	07/18/2025	Cadmium, total	0.00770	mg/L
22	Compliance	E010	07/18/2025	Calcium, total	98.0 J+	mg/L
22	Compliance	E010	07/16/2025	Chloride, total	91.0	mg/L
22	Compliance	E010	07/18/2025	Chromium, total	0.0011 U	mg/L
22	Compliance	E010	07/18/2025	Cobalt, total	0.00200	mg/L
22	Compliance	E010	07/16/2025	Dissolved Oxygen	0.370	mg/L
22	Compliance	E010	07/16/2025	Fluoride, total	0.220 J+	mg/L
22	Compliance	E010	07/18/2025	Lead, total	0.00042 J	mg/L
22	Compliance	E010	07/18/2025	Lithium, total	0.0520	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
22	Compliance	E010	07/18/2025	Mercury, total	0.000076 U	mg/L
22	Compliance	E010	07/18/2025	Molybdenum, total	0.0720	mg/L
22	Compliance	E010	07/16/2025	Oxidation Reduction Potential	118	mV
22	Compliance	E010	07/16/2025	pH (field)	7.7	SU
22	Compliance	E010	07/16/2025	Radium 226 + Radium 228, total	0.138	pCi/L
22	Compliance	E010	07/18/2025	Selenium, total	0.0120	mg/L
22	Compliance	E010	07/16/2025	Specific Conductance @ 25C (field)	906	micromhos/cm
22	Compliance	E010	07/16/2025	Sulfate, total	120 J+	mg/L
22	Compliance	E010	07/16/2025	Temperature	16.4	degrees C
22	Compliance	E010	07/18/2025	Thallium, total	0.00057 U	mg/L
22	Compliance	E010	07/16/2025	Total Dissolved Solids	610 J+	mg/L
22	Compliance	E010	07/16/2025	Turbidity, field	6.52	NTU
22D	Compliance	E010	07/16/2025	Antimony, total	0.0013 U	mg/L
22D	Compliance	E010	07/16/2025	Arsenic, total	0.001 UJ	mg/L
22D	Compliance	E010	07/16/2025	Barium, total	0.0730 J+	mg/L
22D	Compliance	E010	07/16/2025	Beryllium, total	0.00053 U	mg/L
22D	Compliance	E010	07/16/2025	Boron, total	1.30	mg/L
22D	Compliance	E010	07/16/2025	Cadmium, total	0.00017 U	mg/L
22D	Compliance	E010	07/16/2025	Calcium, total	120 J+	mg/L
22D	Compliance	E010	07/16/2025	Chloride, total	94.0	mg/L
22D	Compliance	E010	07/16/2025	Chromium, total	0.0011 U	mg/L
22D	Compliance	E010	07/16/2025	Cobalt, total	0.0004 U	mg/L
22D	Compliance	E010	07/16/2025	Dissolved Oxygen	0.450	mg/L
22D	Compliance	E010	07/16/2025	Fluoride, total	0.150 J+	mg/L
22D	Compliance	E010	07/16/2025	Lead, total	0.00026 J	mg/L
22D	Compliance	E010	07/16/2025	Lithium, total	0.0160 J+	mg/L
22D	Compliance	E010	07/16/2025	Mercury, total	0.000076 U	mg/L
22D	Compliance	E010	07/16/2025	Molybdenum, total	0.00650	mg/L
22D	Compliance	E010	07/16/2025	Oxidation Reduction Potential	-128	mV
22D	Compliance	E010	07/16/2025	pH (field)	7.3	SU
22D	Compliance	E010	07/16/2025	Radium 226 + Radium 228, total	1.52	pCi/L
22D	Compliance	E010	07/16/2025	Selenium, total	0.00098 U	mg/L
22D	Compliance	E010	07/16/2025	Specific Conductance @ 25C (field)	984	micromhos/cm
22D	Compliance	E010	07/16/2025	Sulfate, total	85.0 J+	mg/L
22D	Compliance	E010	07/16/2025	Temperature	16.8	degrees C
22D	Compliance	E010	07/16/2025	Thallium, total	0.00057 U	mg/L
22D	Compliance	E010	07/16/2025	Total Dissolved Solids	630 J+	mg/L
22D	Compliance	E010	07/16/2025	Turbidity, field	6.42	NTU
23	Compliance	E010	07/16/2025	Antimony, total	0.0013 U	mg/L
23	Compliance	E010	07/16/2025	Arsenic, total	0.001 UJ	mg/L
23	Compliance	E010	07/16/2025	Barium, total	0.0410 J+	mg/L
23	Compliance	E010	07/16/2025	Beryllium, total	0.00053 U	mg/L
23	Compliance	E010	07/16/2025	Boron, total	8.20	mg/L
23	Compliance	E010	07/16/2025	Cadmium, total	0.00017 U	mg/L
23	Compliance	E010	07/16/2025	Calcium, total	110 J+	mg/L
23	Compliance	E010	07/16/2025	Chloride, total	55.0 J+	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
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WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
23	Compliance	E010	07/16/2025	Chromium, total	0.0011 U	mg/L
23	Compliance	E010	07/16/2025	Cobalt, total	0.00041 J	mg/L
23	Compliance	E010	07/16/2025	Dissolved Oxygen	0.340	mg/L
23	Compliance	E010	07/16/2025	Fluoride, total	0.230 J+	mg/L
23	Compliance	E010	07/16/2025	Lead, total	0.00033 J	mg/L
23	Compliance	E010	07/16/2025	Lithium, total	0.005 UJ	mg/L
23	Compliance	E010	07/16/2025	Mercury, total	0.000076 U	mg/L
23	Compliance	E010	07/16/2025	Molybdenum, total	0.0140	mg/L
23	Compliance	E010	07/16/2025	Oxidation Reduction Potential	-125	mV
23	Compliance	E010	07/16/2025	pH (field)	7.5	SU
23	Compliance	E010	07/16/2025	Radium 226 + Radium 228, total	0.12	pCi/L
23	Compliance	E010	07/16/2025	Selenium, total	0.00098 U	mg/L
23	Compliance	E010	07/16/2025	Specific Conductance @ 25C (field)	1,071	micromhos/cm
23	Compliance	E010	07/16/2025	Sulfate, total	450	mg/L
23	Compliance	E010	07/16/2025	Temperature	13.8	degrees C
23	Compliance	E010	07/16/2025	Thallium, total	0.00057 U	mg/L
23	Compliance	E010	07/16/2025	Total Dissolved Solids	900 J+	mg/L
23	Compliance	E010	07/16/2025	Turbidity, field	5.32	NTU
27	Compliance	E010	07/15/2025	Antimony, total	0.0013 U	mg/L
27	Compliance	E010	07/15/2025	Arsenic, total	0.00140 J+	mg/L
27	Compliance	E010	07/15/2025	Barium, total	0.0920 J+	mg/L
27	Compliance	E010	07/15/2025	Beryllium, total	0.00053 U	mg/L
27	Compliance	E010	07/15/2025	Boron, total	2.20	mg/L
27	Compliance	E010	07/15/2025	Cadmium, total	0.00026 J	mg/L
27	Compliance	E010	07/15/2025	Calcium, total	130 J+	mg/L
27	Compliance	E010	07/15/2025	Chloride, total	100	mg/L
27	Compliance	E010	07/15/2025	Chromium, total	0.0015 J	mg/L
27	Compliance	E010	07/15/2025	Cobalt, total	0.00270	mg/L
27	Compliance	E010	07/15/2025	Dissolved Oxygen	0.350	mg/L
27	Compliance	E010	07/15/2025	Fluoride, total	0.180 J+	mg/L
27	Compliance	E010	07/15/2025	Lead, total	0.00110	mg/L
27	Compliance	E010	07/15/2025	Lithium, total	0.0240	mg/L
27	Compliance	E010	07/15/2025	Mercury, total	0.000076 U	mg/L
27	Compliance	E010	07/15/2025	Molybdenum, total	0.0043 J	mg/L
27	Compliance	E010	07/15/2025	Oxidation Reduction Potential	-60.0	mV
27	Compliance	E010	07/15/2025	pH (field)	7.4	SU
27	Compliance	E010	07/15/2025	Radium 226 + Radium 228, total	0.666	pCi/L
27	Compliance	E010	07/15/2025	Selenium, total	0.00098 U	mg/L
27	Compliance	E010	07/15/2025	Specific Conductance @ 25C (field)	953	micromhos/cm
27	Compliance	E010	07/15/2025	Sulfate, total	100 J+	mg/L
27	Compliance	E010	07/15/2025	Temperature	13.9	degrees C
27	Compliance	E010	07/15/2025	Thallium, total	0.00057 U	mg/L
27	Compliance	E010	07/15/2025	Total Dissolved Solids	640 J+	mg/L
27	Compliance	E010	07/15/2025	Turbidity, field	29.0	NTU
35	Compliance	E010	07/15/2025	Antimony, total	0.0013 U	mg/L
35	Compliance	E010	07/15/2025	Arsenic, total	0.001 UJ	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
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HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
35	Compliance	E010	07/15/2025	Barium, total	0.0440 J+	mg/L
35	Compliance	E010	07/15/2025	Beryllium, total	0.00053 U	mg/L
35	Compliance	E010	07/15/2025	Boron, total	10.0	mg/L
35	Compliance	E010	07/15/2025	Cadmium, total	0.0003 J	mg/L
35	Compliance	E010	07/15/2025	Calcium, total	340 J+	mg/L
35	Compliance	E010	07/15/2025	Chloride, total	15.0 J+	mg/L
35	Compliance	E010	07/15/2025	Chromium, total	0.0011 U	mg/L
35	Compliance	E010	07/15/2025	Cobalt, total	0.00140	mg/L
35	Compliance	E010	07/15/2025	Dissolved Oxygen	0.330	mg/L
35	Compliance	E010	07/15/2025	Fluoride, total	0.220 J+	mg/L
35	Compliance	E010	07/15/2025	Lead, total	0.00019 U	mg/L
35	Compliance	E010	07/15/2025	Lithium, total	0.0190 J+	mg/L
35	Compliance	E010	07/15/2025	Mercury, total	0.000076 U	mg/L
35	Compliance	E010	07/15/2025	Molybdenum, total	0.0700	mg/L
35	Compliance	E010	07/15/2025	Oxidation Reduction Potential	54.1	mV
35	Compliance	E010	07/15/2025	pH (field)	6.9	SU
35	Compliance	E010	07/15/2025	Radium 226 + Radium 228, total	0.354	pCi/L
35	Compliance	E010	07/15/2025	Selenium, total	0.001 J	mg/L
35	Compliance	E010	07/15/2025	Specific Conductance @ 25C (field)	1,501	micromhos/cm
35	Compliance	E010	07/15/2025	Sulfate, total	730 J+	mg/L
35	Compliance	E010	07/15/2025	Temperature	16.4	degrees C
35	Compliance	E010	07/15/2025	Thallium, total	0.00057 U	mg/L
35	Compliance	E010	07/15/2025	Total Dissolved Solids	1,300 J+	mg/L
35	Compliance	E010	07/15/2025	Turbidity, field	16	NTU
49	Compliance	E010	07/16/2025	Antimony, total	0.0013 U	mg/L
49	Compliance	E010	07/16/2025	Arsenic, total	0.00023 U	mg/L
49	Compliance	E010	07/16/2025	Barium, total	0.0640 J+	mg/L
49	Compliance	E010	07/16/2025	Beryllium, total	0.00053 U	mg/L
49	Compliance	E010	07/16/2025	Boron, total	0.670	mg/L
49	Compliance	E010	07/16/2025	Cadmium, total	0.00120	mg/L
49	Compliance	E010	07/16/2025	Calcium, total	110 J+	mg/L
49	Compliance	E010	07/16/2025	Chloride, total	110	mg/L
49	Compliance	E010	07/16/2025	Chromium, total	0.0011 U	mg/L
49	Compliance	E010	07/16/2025	Cobalt, total	0.00260	mg/L
49	Compliance	E010	07/16/2025	Dissolved Oxygen	0.350	mg/L
49	Compliance	E010	07/16/2025	Fluoride, total	0.210 J+	mg/L
49	Compliance	E010	07/16/2025	Lead, total	0.00019 U	mg/L
49	Compliance	E010	07/16/2025	Lithium, total	0.0250	mg/L
49	Compliance	E010	07/16/2025	Mercury, total	0.000076 U	mg/L
49	Compliance	E010	07/16/2025	Molybdenum, total	0.0210	mg/L
49	Compliance	E010	07/16/2025	Oxidation Reduction Potential	22.0	mV
49	Compliance	E010	07/16/2025	pH (field)	7.1	SU
49	Compliance	E010	07/16/2025	Radium 226 + Radium 228, total	0.495	pCi/L
49	Compliance	E010	07/16/2025	Selenium, total	0.00098 U	mg/L
49	Compliance	E010	07/16/2025	Specific Conductance @ 25C (field)	978	micromhos/cm
49	Compliance	E010	07/16/2025	Sulfate, total	78.0 J+	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
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HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
49	Compliance	E010	07/16/2025	Temperature	15.1	degrees C
49	Compliance	E010	07/16/2025	Thallium, total	0.00057 U	mg/L
49	Compliance	E010	07/16/2025	Total Dissolved Solids	630 J+	mg/L
49	Compliance	E010	07/16/2025	Turbidity, field	6.52	NTU
50	Compliance	E010	07/16/2025	Antimony, total	0.0013 U	mg/L
50	Compliance	E010	07/16/2025	Arsenic, total	0.001 UJ	mg/L
50	Compliance	E010	07/16/2025	Barium, total	0.0740 J+	mg/L
50	Compliance	E010	07/16/2025	Beryllium, total	0.00053 U	mg/L
50	Compliance	E010	07/16/2025	Boron, total	1.50	mg/L
50	Compliance	E010	07/16/2025	Cadmium, total	0.00150	mg/L
50	Compliance	E010	07/16/2025	Calcium, total	110 J+	mg/L
50	Compliance	E010	07/16/2025	Chloride, total	89.0	mg/L
50	Compliance	E010	07/16/2025	Chromium, total	0.0011 U	mg/L
50	Compliance	E010	07/16/2025	Cobalt, total	0.00400	mg/L
50	Compliance	E010	07/16/2025	Dissolved Oxygen	0.580	mg/L
50	Compliance	E010	07/16/2025	Fluoride, total	0.210 J+	mg/L
50	Compliance	E010	07/16/2025	Lead, total	0.00019 U	mg/L
50	Compliance	E010	07/16/2025	Lithium, total	0.0350	mg/L
50	Compliance	E010	07/16/2025	Mercury, total	0.000076 U	mg/L
50	Compliance	E010	07/16/2025	Molybdenum, total	0.0450	mg/L
50	Compliance	E010	07/16/2025	Oxidation Reduction Potential	85.8	mV
50	Compliance	E010	07/16/2025	pH (field)	7.5	SU
50	Compliance	E010	07/16/2025	Radium 226 + Radium 228, total	0.436	pCi/L
50	Compliance	E010	07/16/2025	Selenium, total	0.0012 J	mg/L
50	Compliance	E010	07/16/2025	Specific Conductance @ 25C (field)	843	micromhos/cm
50	Compliance	E010	07/16/2025	Sulfate, total	130 J+	mg/L
50	Compliance	E010	07/16/2025	Temperature	16.0	degrees C
50	Compliance	E010	07/16/2025	Thallium, total	0.00057 U	mg/L
50	Compliance	E010	07/16/2025	Total Dissolved Solids	600 J+	mg/L
50	Compliance	E010	07/16/2025	Turbidity, field	3.45	NTU
51	Compliance	E010	07/16/2025	Antimony, total	0.0013 U	mg/L
51	Compliance	E010	07/16/2025	Arsenic, total	0.0210	mg/L
51	Compliance	E010	07/16/2025	Barium, total	0.110 J+	mg/L
51	Compliance	E010	07/16/2025	Beryllium, total	0.00053 U	mg/L
51	Compliance	E010	07/16/2025	Boron, total	1.30	mg/L
51	Compliance	E010	07/16/2025	Cadmium, total	0.00017 U	mg/L
51	Compliance	E010	07/16/2025	Calcium, total	120 J+	mg/L
51	Compliance	E010	07/16/2025	Chloride, total	100	mg/L
51	Compliance	E010	07/16/2025	Chromium, total	0.0011 U	mg/L
51	Compliance	E010	07/16/2025	Cobalt, total	0.00054 J	mg/L
51	Compliance	E010	07/16/2025	Dissolved Oxygen	0.650	mg/L
51	Compliance	E010	07/16/2025	Fluoride, total	0.190 J+	mg/L
51	Compliance	E010	07/16/2025	Lead, total	0.00029 J	mg/L
51	Compliance	E010	07/16/2025	Lithium, total	0.0260	mg/L
51	Compliance	E010	07/16/2025	Mercury, total	0.000076 U	mg/L
51	Compliance	E010	07/16/2025	Molybdenum, total	0.00850	mg/L

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

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HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
51	Compliance	E010	07/16/2025	Oxidation Reduction Potential	-137	mV
51	Compliance	E010	07/16/2025	pH (field)	7.4	SU
51	Compliance	E010	07/16/2025	Radium 226 + Radium 228, total	1.1	pCi/L
51	Compliance	E010	07/16/2025	Selenium, total	0.00098 U	mg/L
51	Compliance	E010	07/16/2025	Specific Conductance @ 25C (field)	970	micromhos/cm
51	Compliance	E010	07/16/2025	Sulfate, total	85.0 J+	mg/L
51	Compliance	E010	07/16/2025	Temperature	13.6	degrees C
51	Compliance	E010	07/16/2025	Thallium, total	0.00057 U	mg/L
51	Compliance	E010	07/16/2025	Total Dissolved Solids	640 J+	mg/L
51	Compliance	E010	07/16/2025	Turbidity, field	2.47	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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Well ID	Well Type	Event	Date	Parameter	Result	Unit
32	Background	E011	10/28/2025	Antimony, total	0.00043 U	mg/L
32	Background	E011	10/28/2025	Arsenic, total	0.00390	mg/L
32	Background	E011	10/28/2025	Barium, total	0.140	mg/L
32	Background	E011	10/28/2025	Beryllium, total	0.00059 U	mg/L
32	Background	E011	10/28/2025	Boron, total	0.150	mg/L
32	Background	E011	10/28/2025	Cadmium, total	0.00110	mg/L
32	Background	E011	10/28/2025	Calcium, total	110	mg/L
32	Background	E011	10/28/2025	Chloride, total	93.0 J+	mg/L
32	Background	E011	10/28/2025	Chromium, total	0.0130	mg/L
32	Background	E011	10/28/2025	Cobalt, total	0.00890	mg/L
32	Background	E011	10/28/2025	Dissolved Oxygen	2.80	mg/L
32	Background	E011	10/28/2025	Fluoride, total	0.2 U	mg/L
32	Background	E011	10/28/2025	Lead, total	0.0110	mg/L
32	Background	E011	10/28/2025	Lithium, total	0.01 J	mg/L
32	Background	E011	10/28/2025	Mercury, total	0.00017 J	mg/L
32	Background	E011	10/28/2025	Molybdenum, total	0.00190	mg/L
32	Background	E011	10/28/2025	Oxidation Reduction Potential	-15.2	mV
32	Background	E011	10/28/2025	pH (field)	7.1	SU
32	Background	E011	10/28/2025	Radium 226 + Radium 228, total	2.64	pCi/L
32	Background	E011	10/28/2025	Selenium, total	0.00074 U	mg/L
32	Background	E011	10/28/2025	Specific Conductance @ 25C (field)	1,037	micromhos/cm
32	Background	E011	10/28/2025	Sulfate, total	100 J+	mg/L
32	Background	E011	10/28/2025	Temperature	11.7	degrees C
32	Background	E011	10/28/2025	Thallium, total	0.00038 U	mg/L
32	Background	E011	10/28/2025	Total Dissolved Solids	560	mg/L
32	Background	E011	10/28/2025	Turbidity, field	820	NTU
34	Background	E011	10/28/2025	Antimony, total	0.00078 U	mg/L
34	Background	E011	10/28/2025	Arsenic, total	0.00460	mg/L
34	Background	E011	10/28/2025	Barium, total	0.320	mg/L
34	Background	E011	10/28/2025	Beryllium, total	0.0011 U	mg/L
34	Background	E011	10/28/2025	Boron, total	0.140	mg/L
34	Background	E011	10/28/2025	Cadmium, total	0.0013 U	mg/L
34	Background	E011	10/28/2025	Calcium, total	170	mg/L
34	Background	E011	10/28/2025	Chloride, total	79.0	mg/L
34	Background	E011	10/28/2025	Chromium, total	0.0260	mg/L
34	Background	E011	10/28/2025	Cobalt, total	0.00710	mg/L
34	Background	E011	10/28/2025	Dissolved Oxygen	1.30	mg/L
34	Background	E011	10/28/2025	Fluoride, total	0.2 U	mg/L
34	Background	E011	10/28/2025	Lead, total	0.0270	mg/L
34	Background	E011	10/28/2025	Lithium, total	0.024 J	mg/L
34	Background	E011	10/28/2025	Mercury, total	0.00032 J	mg/L
34	Background	E011	10/28/2025	Molybdenum, total	0.00250	mg/L
34	Background	E011	10/28/2025	Oxidation Reduction Potential	-91.0	mV
34	Background	E011	10/28/2025	pH (field)	7.1	SU
34	Background	E011	10/28/2025	Radium 226 + Radium 228, total	2.42	pCi/L
34	Background	E011	10/28/2025	Selenium, total	0.0013 U	mg/L

TABLE 1.
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
34	Background	E011	10/28/2025	Specific Conductance @ 25C (field)	1,300	micromhos/cm
34	Background	E011	10/28/2025	Sulfate, total	36.0	mg/L
34	Background	E011	10/28/2025	Temperature	13.0	degrees C
34	Background	E011	10/28/2025	Thallium, total	0.00069 U	mg/L
34	Background	E011	10/28/2025	Total Dissolved Solids	710	mg/L
34	Background	E011	10/28/2025	Turbidity, field	245	NTU
21R	Compliance	E011	10/28/2025	Antimony, total	0.00043 U	mg/L
21R	Compliance	E011	10/28/2025	Arsenic, total	0.0160	mg/L
21R	Compliance	E011	10/28/2025	Barium, total	0.280	mg/L
21R	Compliance	E011	10/28/2025	Beryllium, total	0.00059 U	mg/L
21R	Compliance	E011	10/28/2025	Boron, total	1.90	mg/L
21R	Compliance	E011	10/28/2025	Cadmium, total	0.00074 U	mg/L
21R	Compliance	E011	10/28/2025	Calcium, total	120	mg/L
21R	Compliance	E011	10/28/2025	Chloride, total	98.0 J+	mg/L
21R	Compliance	E011	10/28/2025	Chromium, total	0.00940	mg/L
21R	Compliance	E011	10/28/2025	Cobalt, total	0.00280	mg/L
21R	Compliance	E011	10/28/2025	Dissolved Oxygen	1.30	mg/L
21R	Compliance	E011	10/28/2025	Fluoride, total	0.2 U	mg/L
21R	Compliance	E011	10/28/2025	Lead, total	0.00620	mg/L
21R	Compliance	E011	10/28/2025	Lithium, total	0.019 J	mg/L
21R	Compliance	E011	10/28/2025	Mercury, total	0.00015 J	mg/L
21R	Compliance	E011	10/28/2025	Molybdenum, total	0.00490	mg/L
21R	Compliance	E011	10/28/2025	Oxidation Reduction Potential	-151	mV
21R	Compliance	E011	10/28/2025	pH (field)	7.5	SU
21R	Compliance	E011	10/28/2025	Radium 226 + Radium 228, total	1.26	pCi/L
21R	Compliance	E011	10/28/2025	Selenium, total	0.00074 U	mg/L
21R	Compliance	E011	10/28/2025	Specific Conductance @ 25C (field)	1,086	micromhos/cm
21R	Compliance	E011	10/28/2025	Sulfate, total	54.0 J+	mg/L
21R	Compliance	E011	10/28/2025	Temperature	13.9	degrees C
21R	Compliance	E011	10/28/2025	Thallium, total	0.00038 U	mg/L
21R	Compliance	E011	10/28/2025	Total Dissolved Solids	560	mg/L
21R	Compliance	E011	10/28/2025	Turbidity, field	299	NTU
22	Compliance	E011	11/03/2025	Antimony, total	0.00061 J	mg/L
22	Compliance	E011	11/03/2025	Arsenic, total	0.00069 U	mg/L
22	Compliance	E011	11/03/2025	Barium, total	0.0540	mg/L
22	Compliance	E011	11/03/2025	Beryllium, total	0.00059 U	mg/L
22	Compliance	E011	11/03/2025	Boron, total	3.00	mg/L
22	Compliance	E011	11/03/2025	Cadmium, total	0.00390	mg/L
22	Compliance	E011	11/03/2025	Calcium, total	90.0	mg/L
22	Compliance	E011	11/03/2025	Chloride, total	110	mg/L
22	Compliance	E011	11/03/2025	Chromium, total	0.0028 U	mg/L
22	Compliance	E011	11/03/2025	Cobalt, total	0.0016 J	mg/L
22	Compliance	E011	11/03/2025	Dissolved Oxygen	0	mg/L
22	Compliance	E011	11/03/2025	Fluoride, total	0.2 U	mg/L
22	Compliance	E011	11/03/2025	Lead, total	0.00027 J	mg/L
22	Compliance	E011	11/03/2025	Lithium, total	0.0400	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
22	Compliance	E011	11/03/2025	Mercury, total	0.00014 U	mg/L
22	Compliance	E011	11/03/2025	Molybdenum, total	0.0550	mg/L
22	Compliance	E011	11/03/2025	Oxidation Reduction Potential	85.4	mV
22	Compliance	E011	11/03/2025	pH (field)	7.5	SU
22	Compliance	E011	11/03/2025	Radium 226 + Radium 228, total	1.32	pCi/L
22	Compliance	E011	11/03/2025	Selenium, total	0.0100	mg/L
22	Compliance	E011	11/03/2025	Specific Conductance @ 25C (field)	1,038	micromhos/cm
22	Compliance	E011	11/03/2025	Sulfate, total	110	mg/L
22	Compliance	E011	11/03/2025	Temperature	16.2	degrees C
22	Compliance	E011	11/03/2025	Thallium, total	0.00038 U	mg/L
22	Compliance	E011	11/03/2025	Total Dissolved Solids	520	mg/L
22	Compliance	E011	11/03/2025	Turbidity, field	3.80	NTU
22D	Compliance	E011	11/03/2025	Antimony, total	0.00043 U	mg/L
22D	Compliance	E011	11/03/2025	Arsenic, total	0.00069 U	mg/L
22D	Compliance	E011	11/03/2025	Barium, total	0.0640	mg/L
22D	Compliance	E011	11/03/2025	Beryllium, total	0.00059 U	mg/L
22D	Compliance	E011	11/03/2025	Boron, total	1.30	mg/L
22D	Compliance	E011	11/03/2025	Cadmium, total	0.00074 U	mg/L
22D	Compliance	E011	11/03/2025	Calcium, total	110	mg/L
22D	Compliance	E011	11/03/2025	Chloride, total	120	mg/L
22D	Compliance	E011	11/03/2025	Chromium, total	0.0028 U	mg/L
22D	Compliance	E011	11/03/2025	Cobalt, total	0.00048 U	mg/L
22D	Compliance	E011	11/03/2025	Dissolved Oxygen	0	mg/L
22D	Compliance	E011	11/03/2025	Fluoride, total	0.2 U	mg/L
22D	Compliance	E011	11/03/2025	Lead, total	0.00022 U	mg/L
22D	Compliance	E011	11/03/2025	Lithium, total	0.014 J	mg/L
22D	Compliance	E011	11/03/2025	Mercury, total	0.00014 U	mg/L
22D	Compliance	E011	11/03/2025	Molybdenum, total	0.00530	mg/L
22D	Compliance	E011	11/03/2025	Oxidation Reduction Potential	42.3	mV
22D	Compliance	E011	11/03/2025	pH (field)	6.8	SU
22D	Compliance	E011	11/03/2025	Radium 226 + Radium 228, total	1.59	pCi/L
22D	Compliance	E011	11/03/2025	Selenium, total	0.00074 U	mg/L
22D	Compliance	E011	11/03/2025	Specific Conductance @ 25C (field)	1,140	micromhos/cm
22D	Compliance	E011	11/03/2025	Sulfate, total	91.0	mg/L
22D	Compliance	E011	11/03/2025	Temperature	15.8	degrees C
22D	Compliance	E011	11/03/2025	Thallium, total	0.00038 U	mg/L
22D	Compliance	E011	11/03/2025	Total Dissolved Solids	540	mg/L
22D	Compliance	E011	11/03/2025	Turbidity, field	5.30	NTU
23	Compliance	E011	10/29/2025	Antimony, total	0.00043 U	mg/L
23	Compliance	E011	10/29/2025	Arsenic, total	0.00069 U	mg/L
23	Compliance	E011	10/29/2025	Barium, total	0.0360	mg/L
23	Compliance	E011	10/29/2025	Beryllium, total	0.00059 U	mg/L
23	Compliance	E011	10/29/2025	Boron, total	8.10	mg/L
23	Compliance	E011	10/29/2025	Cadmium, total	0.00074 U	mg/L
23	Compliance	E011	10/29/2025	Calcium, total	100	mg/L
23	Compliance	E011	10/29/2025	Chloride, total	65.0	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
23	Compliance	E011	10/29/2025	Chromium, total	0.0028 U	mg/L
23	Compliance	E011	10/29/2025	Cobalt, total	0.00048 U	mg/L
23	Compliance	E011	10/29/2025	Dissolved Oxygen	0	mg/L
23	Compliance	E011	10/29/2025	Fluoride, total	0.2 U	mg/L
23	Compliance	E011	10/29/2025	Lead, total	0.00022 U	mg/L
23	Compliance	E011	10/29/2025	Lithium, total	0.005 U	mg/L
23	Compliance	E011	10/29/2025	Mercury, total	0.00014 U	mg/L
23	Compliance	E011	10/29/2025	Molybdenum, total	0.0140	mg/L
23	Compliance	E011	10/29/2025	Oxidation Reduction Potential	-24.5	mV
23	Compliance	E011	10/29/2025	pH (field)	7.4	SU
23	Compliance	E011	10/29/2025	Radium 226 + Radium 228, total	0.51	pCi/L
23	Compliance	E011	10/29/2025	Selenium, total	0.00074 U	mg/L
23	Compliance	E011	10/29/2025	Specific Conductance @ 25C (field)	1,254	micromhos/cm
23	Compliance	E011	10/29/2025	Sulfate, total	410	mg/L
23	Compliance	E011	10/29/2025	Temperature	13.4	degrees C
23	Compliance	E011	10/29/2025	Thallium, total	0.00038 U	mg/L
23	Compliance	E011	10/29/2025	Total Dissolved Solids	750	mg/L
23	Compliance	E011	10/29/2025	Turbidity, field	3.50	NTU
27	Compliance	E011	10/28/2025	Antimony, total	0.00043 U	mg/L
27	Compliance	E011	10/28/2025	Arsenic, total	0.00340	mg/L
27	Compliance	E011	10/28/2025	Barium, total	0.200	mg/L
27	Compliance	E011	10/28/2025	Beryllium, total	0.00063 J	mg/L
27	Compliance	E011	10/28/2025	Boron, total	2.20	mg/L
27	Compliance	E011	10/28/2025	Cadmium, total	0.00350	mg/L
27	Compliance	E011	10/28/2025	Calcium, total	130	mg/L
27	Compliance	E011	10/28/2025	Chloride, total	110	mg/L
27	Compliance	E011	10/28/2025	Chromium, total	0.0160	mg/L
27	Compliance	E011	10/28/2025	Cobalt, total	0.00520	mg/L
27	Compliance	E011	10/28/2025	Dissolved Oxygen	5.80	mg/L
27	Compliance	E011	10/28/2025	Fluoride, total	0.2 U	mg/L
27	Compliance	E011	10/28/2025	Lead, total	0.0140	mg/L
27	Compliance	E011	10/28/2025	Lithium, total	0.0280	mg/L
27	Compliance	E011	10/28/2025	Mercury, total	0.00019 J	mg/L
27	Compliance	E011	10/28/2025	Molybdenum, total	0.00590	mg/L
27	Compliance	E011	10/28/2025	Oxidation Reduction Potential	25.2	mV
27	Compliance	E011	10/28/2025	pH (field)	7.3	SU
27	Compliance	E011	10/28/2025	Radium 226 + Radium 228, total	6.49	pCi/L
27	Compliance	E011	10/28/2025	Selenium, total	0.00074 U	mg/L
27	Compliance	E011	10/28/2025	Specific Conductance @ 25C (field)	1,050	micromhos/cm
27	Compliance	E011	10/28/2025	Sulfate, total	120	mg/L
27	Compliance	E011	10/28/2025	Temperature	13.6	degrees C
27	Compliance	E011	10/28/2025	Thallium, total	0.00038 U	mg/L
27	Compliance	E011	10/28/2025	Total Dissolved Solids	620	mg/L
27	Compliance	E011	10/28/2025	Turbidity, field	1,000	NTU
35	Compliance	E011	11/03/2025	Antimony, total	0.00043 U	mg/L
35	Compliance	E011	11/03/2025	Arsenic, total	0.00200	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
35	Compliance	E011	11/03/2025	Barium, total	0.0710	mg/L
35	Compliance	E011	11/03/2025	Beryllium, total	0.00059 U	mg/L
35	Compliance	E011	11/03/2025	Boron, total	15.0	mg/L
35	Compliance	E011	11/03/2025	Cadmium, total	0.00074 U	mg/L
35	Compliance	E011	11/03/2025	Calcium, total	370	mg/L
35	Compliance	E011	11/03/2025	Chloride, total	25.0	mg/L
35	Compliance	E011	11/03/2025	Chromium, total	0.0028 U	mg/L
35	Compliance	E011	11/03/2025	Cobalt, total	0.00390	mg/L
35	Compliance	E011	11/03/2025	Dissolved Oxygen	1.10	mg/L
35	Compliance	E011	11/03/2025	Fluoride, total	0.2 U	mg/L
35	Compliance	E011	11/03/2025	Lead, total	0.00033 J	mg/L
35	Compliance	E011	11/03/2025	Lithium, total	0.017 J	mg/L
35	Compliance	E011	11/03/2025	Mercury, total	0.00014 U	mg/L
35	Compliance	E011	11/03/2025	Molybdenum, total	0.0780	mg/L
35	Compliance	E011	11/03/2025	Oxidation Reduction Potential	50.0	mV
35	Compliance	E011	11/03/2025	pH (field)	6.8	SU
35	Compliance	E011	11/03/2025	Radium 226 + Radium 228, total	0.96	pCi/L
35	Compliance	E011	11/03/2025	Selenium, total	0.00074 U	mg/L
35	Compliance	E011	11/03/2025	Specific Conductance @ 25C (field)	1,948	micromhos/cm
35	Compliance	E011	11/03/2025	Sulfate, total	920	mg/L
35	Compliance	E011	11/03/2025	Temperature	16.8	degrees C
35	Compliance	E011	11/03/2025	Thallium, total	0.00038 U	mg/L
35	Compliance	E011	11/03/2025	Total Dissolved Solids	1,400	mg/L
35	Compliance	E011	11/03/2025	Turbidity, field	27.1	NTU
49	Compliance	E011	10/29/2025	Antimony, total	0.00043 U	mg/L
49	Compliance	E011	10/29/2025	Arsenic, total	0.00069 U	mg/L
49	Compliance	E011	10/29/2025	Barium, total	0.0560	mg/L
49	Compliance	E011	10/29/2025	Beryllium, total	0.00059 U	mg/L
49	Compliance	E011	10/29/2025	Boron, total	0.660	mg/L
49	Compliance	E011	10/29/2025	Cadmium, total	0.00110	mg/L
49	Compliance	E011	10/29/2025	Calcium, total	110	mg/L
49	Compliance	E011	10/29/2025	Chloride, total	120	mg/L
49	Compliance	E011	10/29/2025	Chromium, total	0.0028 U	mg/L
49	Compliance	E011	10/29/2025	Cobalt, total	0.00230	mg/L
49	Compliance	E011	10/29/2025	Dissolved Oxygen	0.0100	mg/L
49	Compliance	E011	10/29/2025	Fluoride, total	0.2 U	mg/L
49	Compliance	E011	10/29/2025	Lead, total	0.00022 U	mg/L
49	Compliance	E011	10/29/2025	Lithium, total	0.019 J	mg/L
49	Compliance	E011	10/29/2025	Mercury, total	0.00014 U	mg/L
49	Compliance	E011	10/29/2025	Molybdenum, total	0.0190	mg/L
49	Compliance	E011	10/29/2025	Oxidation Reduction Potential	30.3	mV
49	Compliance	E011	10/29/2025	pH (field)	7.1	SU
49	Compliance	E011	10/29/2025	Radium 226 + Radium 228, total	0.0482	pCi/L
49	Compliance	E011	10/29/2025	Selenium, total	0.00074 U	mg/L
49	Compliance	E011	10/29/2025	Specific Conductance @ 25C (field)	1,135	micromhos/cm
49	Compliance	E011	10/29/2025	Sulfate, total	73.0	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
49	Compliance	E011	10/29/2025	Temperature	15.1	degrees C
49	Compliance	E011	10/29/2025	Thallium, total	0.00038 U	mg/L
49	Compliance	E011	10/29/2025	Total Dissolved Solids	560	mg/L
49	Compliance	E011	10/29/2025	Turbidity, field	5.90	NTU
50	Compliance	E011	11/05/2025	Antimony, total	0.00043 U	mg/L
50	Compliance	E011	11/05/2025	Arsenic, total	0.00069 U	mg/L
50	Compliance	E011	11/05/2025	Barium, total	0.0610	mg/L
50	Compliance	E011	11/05/2025	Beryllium, total	0.00059 U	mg/L
50	Compliance	E011	11/05/2025	Boron, total	1.80	mg/L
50	Compliance	E011	11/05/2025	Cadmium, total	0.00130	mg/L
50	Compliance	E011	11/05/2025	Calcium, total	98.0	mg/L
50	Compliance	E011	11/05/2025	Chloride, total	83.0	mg/L
50	Compliance	E011	11/05/2025	Chromium, total	0.0028 U	mg/L
50	Compliance	E011	11/05/2025	Cobalt, total	0.00340	mg/L
50	Compliance	E011	11/05/2025	Dissolved Oxygen	0	mg/L
50	Compliance	E011	11/05/2025	Fluoride, total	0.172 U	mg/L
50	Compliance	E011	11/05/2025	Lead, total	0.00022 U	mg/L
50	Compliance	E011	11/05/2025	Lithium, total	0.0300	mg/L
50	Compliance	E011	11/05/2025	Mercury, total	0.00014 U	mg/L
50	Compliance	E011	11/05/2025	Molybdenum, total	0.0420	mg/L
50	Compliance	E011	11/05/2025	Oxidation Reduction Potential	130	mV
50	Compliance	E011	11/05/2025	pH (field)	7.6	SU
50	Compliance	E011	11/05/2025	Radium 226 + Radium 228, total	0.632	pCi/L
50	Compliance	E011	11/05/2025	Selenium, total	0.00074 U	mg/L
50	Compliance	E011	11/05/2025	Specific Conductance @ 25C (field)	963	micromhos/cm
50	Compliance	E011	11/05/2025	Sulfate, total	110	mg/L
50	Compliance	E011	11/05/2025	Temperature	16.2	degrees C
50	Compliance	E011	11/05/2025	Thallium, total	0.00038 U	mg/L
50	Compliance	E011	11/05/2025	Total Dissolved Solids	470	mg/L
50	Compliance	E011	11/05/2025	Turbidity, field	1.90	NTU
51	Compliance	E011	10/29/2025	Antimony, total	0.00043 U	mg/L
51	Compliance	E011	10/29/2025	Arsenic, total	0.0180	mg/L
51	Compliance	E011	10/29/2025	Barium, total	0.0990	mg/L
51	Compliance	E011	10/29/2025	Beryllium, total	0.00059 U	mg/L
51	Compliance	E011	10/29/2025	Boron, total	1.20	mg/L
51	Compliance	E011	10/29/2025	Cadmium, total	0.00074 U	mg/L
51	Compliance	E011	10/29/2025	Calcium, total	110	mg/L
51	Compliance	E011	10/29/2025	Chloride, total	120	mg/L
51	Compliance	E011	10/29/2025	Chromium, total	0.0028 U	mg/L
51	Compliance	E011	10/29/2025	Cobalt, total	0.00055 J	mg/L
51	Compliance	E011	10/29/2025	Dissolved Oxygen	0	mg/L
51	Compliance	E011	10/29/2025	Fluoride, total	0.2 U	mg/L
51	Compliance	E011	10/29/2025	Lead, total	0.00022 U	mg/L
51	Compliance	E011	10/29/2025	Lithium, total	0.0200	mg/L
51	Compliance	E011	10/29/2025	Mercury, total	0.00014 U	mg/L
51	Compliance	E011	10/29/2025	Molybdenum, total	0.00720	mg/L

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

845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
51	Compliance	E011	10/29/2025	Oxidation Reduction Potential	-119	mV
51	Compliance	E011	10/29/2025	pH (field)	7.2	SU
51	Compliance	E011	10/29/2025	Radium 226 + Radium 228, total	1	pCi/L
51	Compliance	E011	10/29/2025	Selenium, total	0.00074 U	mg/L
51	Compliance	E011	10/29/2025	Specific Conductance @ 25C (field)	1,164	micromhos/cm
51	Compliance	E011	10/29/2025	Sulfate, total	84.0	mg/L
51	Compliance	E011	10/29/2025	Temperature	13.2	degrees C
51	Compliance	E011	10/29/2025	Thallium, total	0.00038 U	mg/L
51	Compliance	E011	10/29/2025	Total Dissolved Solids	540	mg/L
51	Compliance	E011	10/29/2025	Turbidity, field	9.30	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.
NR² = Data has been rejected following data quality review.
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.
SU = Standard Units

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
21/21R	UA	E008	Antimony, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.003	0.006	Standard	No Exceedance
21/21R	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/16/25	35	0	CB around linear reg	0.0239	0.010	Standard	Exceedance
21/21R	UA	E008	Barium, total	mg/L	12/10/15 - 01/16/25	34	0	CB around linear reg	0.306	2.0	Standard	No Exceedance
21/21R	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.001	0.004	Standard	No Exceedance
21/21R	UA	E008	Boron, total	mg/L	12/10/15 - 01/16/25	35	0	CB around T-S line	1.57	2	Standard	No Exceedance
21/21R	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
21/21R	UA	E008	Chloride, total	mg/L	12/10/15 - 01/16/25	37	0	CB around linear reg	98.6	200	Standard	No Exceedance
21/21R	UA	E008	Chromium, total	mg/L	12/10/15 - 01/16/25	34	67	CB around T-S line	0.00188	0.1	Standard	No Exceedance
21/21R	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/16/25	34	72	CI around median	0.001	0.006	Standard	No Exceedance
21/21R	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/16/25	35	8	CI around median	0.14	4.0	Standard	No Exceedance
21/21R	UA	E008	Lead, total	mg/L	12/10/15 - 01/16/25	34	47	CB around T-S line	0.001	0.0075	Standard	No Exceedance
21/21R	UA	E008	Lithium, total	mg/L	12/10/15 - 01/16/25	34	0	CB around linear reg	0.0234	0.04	Standard	No Exceedance
21/21R	UA	E008	Mercury, total	mg/L	12/10/15 - 01/16/25	34	97	CI around median	0.0002	0.002	Standard	No Exceedance
21/21R	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/16/25	34	3	CB around linear reg	0.00779	0.1	Standard	No Exceedance
21/21R	UA	E008	pH (field)	SU	12/10/15 - 01/16/25	37	0	CI around mean	7.4/7.5	6.5/9.0	Standard/Standard	No Exceedance
21/21R	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/16/25	27	0	CI around mean	0.889	5	Standard	No Exceedance
21/21R	UA	E008	Selenium, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
21/21R	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/16/25	37	0	CB around T-S line	33.1	400	Standard	No Exceedance
21/21R	UA	E008	Thallium, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.002	0.002	Standard	No Exceedance
21/21R	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/16/25	35	0	CB around T-S line	630	1,200	Standard	No Exceedance
22	UA	E008	Antimony, total	mg/L	12/10/15 - 01/15/25	37	92	CB around T-S line	0.001	0.006	Standard	No Exceedance
22	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/15/25	41	74	CI around median	0.001	0.010	Standard	No Exceedance
22	UA	E008	Barium, total	mg/L	12/10/15 - 01/15/25	37	0	CB around T-S line	0.0538	2.0	Standard	No Exceedance
22	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/15/25	37	100	All ND - Last	0.001	0.004	Standard	No Exceedance
22	UA	E008	Boron, total	mg/L	12/10/15 - 01/15/25	42	0	CB around T-S line	2.83	2	Standard	Exceedance
22	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/15/25	37	8	CI around median	0.0047	0.005	Standard	No Exceedance
22	UA	E008	Chloride, total	mg/L	12/10/15 - 01/15/25	44	0	CB around T-S line	91.1	200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
22	UA	E008	Chromium, total	mg/L	12/10/15 - 01/15/25	37	100	All ND - Last	0.005	0.1	Standard	No Exceedance
22	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/15/25	37	8	CI around mean	0.00193	0.006	Standard	No Exceedance
22	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/15/25	37	5	CI around median	0.15	4.0	Standard	No Exceedance
22	UA	E008	Lead, total	mg/L	12/10/15 - 01/15/25	37	97	CB around T-S line	0.001	0.0075	Standard	No Exceedance
22	UA	E008	Lithium, total	mg/L	12/10/15 - 01/15/25	41	0	CB around T-S line	0.0441	0.04	Standard	Exceedance
22	UA	E008	Mercury, total	mg/L	12/10/15 - 01/15/25	35	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
22	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/15/25	41	0	CB around T-S line	0.0482	0.1	Standard	No Exceedance
22	UA	E008	pH (field)	SU	12/10/15 - 01/15/25	40	0	CI around median	7.6/7.7	6.5/9.0	Standard/Standard	No Exceedance
22	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/15/25	28	0	CI around mean	0.368	5	Standard	No Exceedance
22	UA	E008	Selenium, total	mg/L	12/10/15 - 01/15/25	37	5	CI around mean	0.0132	0.05	Standard	No Exceedance
22	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/15/25	44	0	CB around linear reg	89.8	400	Standard	No Exceedance
22	UA	E008	Thallium, total	mg/L	12/10/15 - 01/15/25	37	95	CB around T-S line	0.002	0.002	Standard	No Exceedance
22	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/15/25	44	0	CB around linear reg	579	1,200	Standard	No Exceedance
22D	UA	E008	Antimony, total	mg/L	09/17/19 - 01/15/25	21	100	All ND - Last	0.003	0.006	Standard	No Exceedance
22D	UA	E008	Arsenic, total	mg/L	09/17/19 - 01/15/25	21	19	CI around median	0.0012	0.010	Standard	No Exceedance
22D	UA	E008	Barium, total	mg/L	09/17/19 - 01/15/25	21	0	CB around T-S line	0.0652	2.0	Standard	No Exceedance
22D	UA	E008	Beryllium, total	mg/L	09/17/19 - 01/15/25	20	100	All ND - Last	0.001	0.004	Standard	No Exceedance
22D	UA	E008	Boron, total	mg/L	09/17/19 - 01/15/25	21	0	CB around linear reg	1.09	2	Standard	No Exceedance
22D	UA	E008	Cadmium, total	mg/L	09/17/19 - 01/15/25	21	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
22D	UA	E008	Chloride, total	mg/L	09/17/19 - 01/15/25	21	0	CI around mean	91.8	200	Standard	No Exceedance
22D	UA	E008	Chromium, total	mg/L	09/17/19 - 01/15/25	21	90	CB around T-S line	0.0015	0.1	Standard	No Exceedance
22D	UA	E008	Cobalt, total	mg/L	09/17/19 - 01/15/25	21	95	CI around median	0.001	0.006	Standard	No Exceedance
22D	UA	E008	Fluoride, total	mg/L	09/17/19 - 01/15/25	21	10	CI around median	0.11	4.0	Standard	No Exceedance
22D	UA	E008	Lead, total	mg/L	09/17/19 - 01/15/25	21	90	CB around T-S line	0.000401	0.0075	Standard	No Exceedance
22D	UA	E008	Lithium, total	mg/L	09/17/19 - 01/15/25	21	0	CI around mean	0.015	0.04	Standard	No Exceedance
22D	UA	E008	Mercury, total	mg/L	12/11/19 - 01/15/25	20	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
22D	UA	E008	Molybdenum, total	mg/L	09/17/19 - 01/15/25	21	5	CB around T-S line	0.00541	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
22D	UA	E008	pH (field)	SU	09/17/19 - 01/15/25	24	0	CI around mean	7.2/7.3	6.5/9.0	Standard/Standard	No Exceedance
22D	UA	E008	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 01/15/25	18	0	CI around mean	0.864	5	Standard	No Exceedance
22D	UA	E008	Selenium, total	mg/L	09/17/19 - 01/15/25	21	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
22D	UA	E008	Sulfate, total	mg/L	09/17/19 - 01/15/25	21	0	CB around linear reg	84.7	400	Standard	No Exceedance
22D	UA	E008	Thallium, total	mg/L	09/17/19 - 01/15/25	21	100	All ND - Last	0.002	0.002	Standard	No Exceedance
22D	UA	E008	Total Dissolved Solids	mg/L	09/17/19 - 01/15/25	21	0	CI around mean	613	1,200	Standard	No Exceedance
23	UA	E008	Antimony, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.003	0.006	Standard	No Exceedance
23	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/17/25	41	91	CB around T-S line	0.001	0.010	Standard	No Exceedance
23	UA	E008	Barium, total	mg/L	12/10/15 - 01/17/25	37	0	CB around T-S line	0.0366	2.0	Standard	No Exceedance
23	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.001	0.004	Standard	No Exceedance
23	UA	E008	Boron, total	mg/L	12/10/15 - 01/17/25	42	0	CB around T-S line	8.51	2	Standard	Exceedance
23	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
23	UA	E008	Chloride, total	mg/L	12/10/15 - 01/17/25	44	1	CB around linear reg	52.5	200	Standard	No Exceedance
23	UA	E008	Chromium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.005	0.1	Standard	No Exceedance
23	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.001	0.006	Standard	No Exceedance
23	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/17/25	37	5	CI around median	0.15	4.0	Standard	No Exceedance
23	UA	E008	Lead, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
23	UA	E008	Lithium, total	mg/L	12/10/15 - 01/17/25	41	12	CI around median	0.0048	0.04	Standard	No Exceedance
23	UA	E008	Mercury, total	mg/L	12/10/15 - 01/17/25	35	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
23	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/17/25	41	0	CI around median	0.0147	0.1	Standard	No Exceedance
23	UA	E008	pH (field)	SU	12/10/15 - 01/17/25	39	0	CI around mean	7.4/7.5	6.5/9.0	Standard/Standard	No Exceedance
23	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/17/25	28	0	CI around mean	0.256	5	Standard	No Exceedance
23	UA	E008	Selenium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
23	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/17/25	44	0	CI around median	421	400	Standard	Exceedance
23	UA	E008	Thallium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.002	0.002	Standard	No Exceedance
23	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/17/25	44	0	CI around mean	890	1,200	Standard	No Exceedance
24/51	UA	E008	Antimony, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.003	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
24/51	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/16/25	40	0	CI around mean	0.0205	0.010	Standard	Exceedance
24/51	UA	E008	Barium, total	mg/L	12/10/15 - 01/16/25	35	0	CB around T-S line	0.107	2.0	Standard	No Exceedance
24/51	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.001	0.004	Standard	No Exceedance
24/51	UA	E008	Boron, total	mg/L	12/10/15 - 01/16/25	40	0	CB around linear reg	1.17	2	Standard	No Exceedance
24/51	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
24/51	UA	E008	Chloride, total	mg/L	12/10/15 - 01/16/25	42	0	CB around linear reg	105	200	Standard	No Exceedance
24/51	UA	E008	Chromium, total	mg/L	12/10/15 - 01/16/25	35	78	CB around T-S line	0.0018	0.1	Standard	No Exceedance
24/51	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/16/25	35	76	CI around median	0.001	0.006	Standard	No Exceedance
24/51	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/16/25	35	5	CB around T-S line	0.122	4.0	Standard	No Exceedance
24/51	UA	E008	Lead, total	mg/L	12/10/15 - 01/16/25	35	60	CI around median	0.001	0.0075	Standard	No Exceedance
24/51	UA	E008	Lithium, total	mg/L	12/10/15 - 01/16/25	39	0	CB around T-S line	0.0236	0.04	Standard	No Exceedance
24/51	UA	E008	Mercury, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
24/51	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/16/25	39	3	CB around linear reg	0.00741	0.1	Standard	No Exceedance
24/51	UA	E008	pH (field)	SU	12/10/15 - 01/16/25	37	0	CB around linear reg	7.2/7.4	6.5/9.0	Standard/Standard	No Exceedance
24/51	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/16/25	27	0	CB around linear reg	1.2	5	Standard	No Exceedance
24/51	UA	E008	Selenium, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
24/51	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/16/25	42	0	CB around linear reg	77.2	400	Standard	No Exceedance
24/51	UA	E008	Thallium, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.002	0.002	Standard	No Exceedance
24/51	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/16/25	42	0	CI around mean	623	1,200	Standard	No Exceedance
27	UA	E008	Antimony, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.003	0.006	Standard	No Exceedance
27	UA	E008	Arsenic, total	mg/L	09/12/18 - 01/14/25	24	58	CI around median	0.001	0.010	Standard	No Exceedance
27	UA	E008	Barium, total	mg/L	09/12/18 - 01/14/25	24	0	CI around median	0.0837	2.0	Standard	No Exceedance
27	UA	E008	Beryllium, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.001	0.004	Standard	No Exceedance
27	UA	E008	Boron, total	mg/L	09/12/18 - 01/14/25	24	0	CB around linear reg	1.47	2	Standard	No Exceedance
27	UA	E008	Cadmium, total	mg/L	09/12/18 - 01/14/25	24	96	CI around median	0.001	0.005	Standard	No Exceedance
27	UA	E008	Chloride, total	mg/L	03/08/16 - 01/14/25	29	0	CI around median	89	200	Standard	No Exceedance
27	UA	E008	Chromium, total	mg/L	09/12/18 - 01/14/25	24	81	CB around T-S line	0.0015	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
27	UA	E008	Cobalt, total	mg/L	09/12/18 - 01/14/25	24	8	CI around mean	0.00194	0.006	Standard	No Exceedance
27	UA	E008	Fluoride, total	mg/L	09/12/18 - 01/14/25	24	4	CI around median	0.12	4.0	Standard	No Exceedance
27	UA	E008	Lead, total	mg/L	09/12/18 - 01/14/25	24	50	CI around median	0.001	0.0075	Standard	No Exceedance
27	UA	E008	Lithium, total	mg/L	09/12/18 - 01/14/25	24	0	CI around mean	0.0215	0.04	Standard	No Exceedance
27	UA	E008	Mercury, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
27	UA	E008	Molybdenum, total	mg/L	09/12/18 - 01/14/25	24	33	CI around median	0.0044	0.1	Standard	No Exceedance
27	UA	E008	pH (field)	SU	03/08/16 - 01/14/25	29	0	CI around mean	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
27	UA	E008	Radium 226 + Radium 228, total	pCi/L	09/12/18 - 01/14/25	18	0	CI around geomean	0.24	5	Standard	No Exceedance
27	UA	E008	Selenium, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
27	UA	E008	Sulfate, total	mg/L	03/08/16 - 01/14/25	29	0	CB around linear reg	88.4	400	Standard	No Exceedance
27	UA	E008	Thallium, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.002	0.002	Standard	No Exceedance
27	UA	E008	Total Dissolved Solids	mg/L	03/08/16 - 01/14/25	29	0	CI around median	648	1,200	Standard	No Exceedance
35	UA	E008	Antimony, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.003	0.006	Standard	No Exceedance
35	UA	E008	Arsenic, total	mg/L	12/09/15 - 01/16/25	36	78	CI around median	0.001	0.010	Standard	No Exceedance
35	UA	E008	Barium, total	mg/L	12/09/15 - 01/16/25	36	0	CI around mean	0.0416	2.0	Standard	No Exceedance
35	UA	E008	Beryllium, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.001	0.004	Standard	No Exceedance
35	UA	E008	Boron, total	mg/L	12/09/15 - 01/16/25	37	0	CB around linear reg	12.2	2	Standard	Exceedance
35	UA	E008	Cadmium, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
35	UA	E008	Chloride, total	mg/L	12/09/15 - 01/16/25	37	0	CB around linear reg	15.3	200	Standard	No Exceedance
35	UA	E008	Chromium, total	mg/L	12/09/15 - 01/16/25	36	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
35	UA	E008	Cobalt, total	mg/L	12/09/15 - 01/16/25	36	42	CI around median	0.001	0.006	Standard	No Exceedance
35	UA	E008	Fluoride, total	mg/L	12/09/15 - 01/16/25	37	3	CI around median	0.17	4.0	Standard	No Exceedance
35	UA	E008	Lead, total	mg/L	12/09/15 - 01/16/25	36	92	CB around T-S line	0.000727	0.0075	Standard	No Exceedance
35	UA	E008	Lithium, total	mg/L	12/09/15 - 01/16/25	36	0	CI around mean	0.0246	0.04	Standard	No Exceedance
35	UA	E008	Mercury, total	mg/L	12/09/15 - 01/16/25	35	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
35	UA	E008	Molybdenum, total	mg/L	12/09/15 - 01/16/25	36	0	CB around linear reg	0.0509	0.1	Standard	No Exceedance
35	UA	E008	pH (field)	SU	12/09/15 - 01/16/25	37	0	CB around linear reg	6.8/7.0	6.5/9.0	Standard/Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
35	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 01/16/25	29	0	CI around median	0.31	5	Standard	No Exceedance
35	UA	E008	Selenium, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
35	UA	E008	Sulfate, total	mg/L	12/09/15 - 01/16/25	37	0	CB around linear reg	720	400	Standard	Exceedance
35	UA	E008	Thallium, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.002	0.002	Standard	No Exceedance
35	UA	E008	Total Dissolved Solids	mg/L	12/09/15 - 01/16/25	37	0	CB around linear reg	1,360	1,200	Standard	Exceedance
49	UA	E008	Antimony, total	mg/L	12/10/15 - 01/17/25	36	100	All ND - Last	0.003	0.006	Standard	No Exceedance
49	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/17/25	36	97	CI around median	0.001	0.010	Standard	No Exceedance
49	UA	E008	Barium, total	mg/L	12/10/15 - 01/17/25	36	0	CB around T-S line	0.0622	2.0	Standard	No Exceedance
49	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/17/25	36	100	All ND - Last	0.001	0.004	Standard	No Exceedance
49	UA	E008	Boron, total	mg/L	12/10/15 - 01/17/25	37	0	CB around linear reg	0.425	2	Standard	No Exceedance
49	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/17/25	36	25	CI around geomean	0.00107	0.005	Standard	No Exceedance
49	UA	E008	Chloride, total	mg/L	12/10/15 - 01/17/25	37	0	CI around median	100	200	Standard	No Exceedance
49	UA	E008	Chromium, total	mg/L	12/10/15 - 01/17/25	36	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
49	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/17/25	36	0	CI around mean	0.00421	0.006	Standard	No Exceedance
49	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/17/25	37	3	CI around median	0.15	4.0	Standard	No Exceedance
49	UA	E008	Lead, total	mg/L	12/10/15 - 01/17/25	36	92	CI around median	0.001	0.0075	Standard	No Exceedance
49	UA	E008	Lithium, total	mg/L	12/10/15 - 01/17/25	36	0	CI around mean	0.024	0.04	Standard	No Exceedance
49	UA	E008	Mercury, total	mg/L	12/10/15 - 01/17/25	35	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
49	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/17/25	36	0	CB around T-S line	0.0191	0.1	Standard	No Exceedance
49	UA	E008	pH (field)	SU	12/10/15 - 01/17/25	38	0	CI around mean	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
49	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/17/25	29	0	CI around mean	0.353	5	Standard	No Exceedance
49	UA	E008	Selenium, total	mg/L	12/10/15 - 01/17/25	36	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
49	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/17/25	37	0	CB around linear reg	68.4	400	Standard	No Exceedance
49	UA	E008	Thallium, total	mg/L	12/10/15 - 01/17/25	36	100	All ND - Last	0.002	0.002	Standard	No Exceedance
49	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/17/25	37	0	CB around linear reg	578	1,200	Standard	No Exceedance
50	UA	E008	Antimony, total	mg/L	09/17/19 - 01/16/25	21	100	All ND - Last	0.003	0.006	Standard	No Exceedance
50	UA	E008	Arsenic, total	mg/L	09/17/19 - 01/16/25	21	90	CI around median	0.001	0.010	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
50	UA	E008	Barium, total	mg/L	09/17/19 - 01/16/25	21	0	CI around mean	0.0855	2.0	Standard	No Exceedance
50	UA	E008	Beryllium, total	mg/L	09/17/19 - 01/16/25	20	100	All ND - Last	0.001	0.004	Standard	No Exceedance
50	UA	E008	Boron, total	mg/L	09/17/19 - 01/16/25	21	0	CI around geomean	0.736	2	Standard	No Exceedance
50	UA	E008	Cadmium, total	mg/L	09/17/19 - 01/16/25	21	5	CI around geomean	0.00109	0.005	Standard	No Exceedance
50	UA	E008	Chloride, total	mg/L	09/17/19 - 01/16/25	21	0	CI around mean	86.5	200	Standard	No Exceedance
50	UA	E008	Chromium, total	mg/L	09/17/19 - 01/16/25	21	100	All ND - Last	0.005	0.1	Standard	No Exceedance
50	UA	E008	Cobalt, total	mg/L	09/17/19 - 01/16/25	21	0	CI around mean	0.00405	0.006	Standard	No Exceedance
50	UA	E008	Fluoride, total	mg/L	09/17/19 - 01/16/25	21	19	CB around T-S line	0.115	4.0	Standard	No Exceedance
50	UA	E008	Lead, total	mg/L	09/17/19 - 01/16/25	21	95	CB around T-S line	0.000499	0.0075	Standard	No Exceedance
50	UA	E008	Lithium, total	mg/L	09/17/19 - 01/16/25	21	0	CB around T-S line	0.02	0.04	Standard	No Exceedance
50	UA	E008	Mercury, total	mg/L	12/11/19 - 01/16/25	20	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
50	UA	E008	Molybdenum, total	mg/L	09/17/19 - 01/16/25	21	0	CB around T-S line	0.0348	0.1	Standard	No Exceedance
50	UA	E008	pH (field)	SU	09/17/19 - 01/16/25	24	0	CB around linear reg	7.4/7.7	6.5/9.0	Standard/Standard	No Exceedance
50	UA	E008	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 01/16/25	17	0	CI around mean	0.642	5	Standard	No Exceedance
50	UA	E008	Selenium, total	mg/L	09/17/19 - 01/16/25	21	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
50	UA	E008	Sulfate, total	mg/L	09/17/19 - 01/16/25	21	0	CI around geomean	90.1	400	Standard	No Exceedance
50	UA	E008	Thallium, total	mg/L	09/17/19 - 01/16/25	21	100	All ND - Last	0.002	0.002	Standard	No Exceedance
50	UA	E008	Total Dissolved Solids	mg/L	09/17/19 - 01/16/25	21	0	CI around mean	611	1,200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, 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 Dynegy Midwest Generation, LLC’s (DMG’s) operating permit application for the West Ash Pond System. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and, therefore, DMG has not identified any actual exceedances.

Events:

E008 = Quarter 1, 2025 sampling event

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

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

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
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
21/21R	UA	E009	Antimony, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.003	0.006	Standard	No Exceedance
21/21R	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/08/25	36	0	CB around linear reg	0.0241	0.010	Standard	Exceedance
21/21R	UA	E009	Barium, total	mg/L	12/10/15 - 04/08/25	35	0	CB around linear reg	0.306	2.0	Standard	No Exceedance
21/21R	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.001	0.004	Standard	No Exceedance
21/21R	UA	E009	Boron, total	mg/L	12/10/15 - 04/08/25	36	0	CB around T-S line	1.62	2	Standard	No Exceedance
21/21R	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
21/21R	UA	E009	Chloride, total	mg/L	12/10/15 - 04/08/25	38	0	CB around linear reg	99.2	200	Standard	No Exceedance
21/21R	UA	E009	Chromium, total	mg/L	12/10/15 - 04/08/25	35	66	CB around T-S line	0.00192	0.1	Standard	No Exceedance
21/21R	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/08/25	35	71	CI around median	0.001	0.006	Standard	No Exceedance
21/21R	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/08/25	36	8	CI around median	0.14	4.0	Standard	No Exceedance
21/21R	UA	E009	Lead, total	mg/L	12/10/15 - 04/08/25	35	46	CI around median	0.001	0.0075	Standard	No Exceedance
21/21R	UA	E009	Lithium, total	mg/L	12/10/15 - 04/08/25	35	0	CB around linear reg	0.0239	0.04	Standard	No Exceedance
21/21R	UA	E009	Mercury, total	mg/L	12/10/15 - 04/08/25	35	97	CI around median	0.0002	0.002	Standard	No Exceedance
21/21R	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/08/25	35	3	CB around linear reg	0.00787	0.1	Standard	No Exceedance
21/21R	UA	E009	pH (field)	SU	12/10/15 - 04/08/25	38	0	CI around mean	7.4/7.5	6.5/9.0	Standard/Standard	No Exceedance
21/21R	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/08/25	28	0	CI around mean	0.89	5	Standard	No Exceedance
21/21R	UA	E009	Selenium, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
21/21R	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/08/25	38	0	CB around T-S line	37.2	400	Standard	No Exceedance
21/21R	UA	E009	Thallium, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.002	0.002	Standard	No Exceedance
21/21R	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/08/25	36	0	CB around T-S line	619	1,200	Standard	No Exceedance
22	UA	E009	Antimony, total	mg/L	12/10/15 - 04/09/25	38	92	CB around T-S line	0.001	0.006	Standard	No Exceedance
22	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/09/25	42	74	CI around median	0.001	0.010	Standard	No Exceedance
22	UA	E009	Barium, total	mg/L	12/10/15 - 04/09/25	38	0	CB around T-S line	0.0542	2.0	Standard	No Exceedance
22	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.001	0.004	Standard	No Exceedance
22	UA	E009	Boron, total	mg/L	12/10/15 - 04/09/25	43	0	CB around T-S line	2.54	2	Standard	Exceedance
22	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/09/25	38	3	CI around median	0.0047	0.005	Standard	No Exceedance
22	UA	E009	Chloride, total	mg/L	12/10/15 - 04/09/25	45	0	CB around T-S line	91.1	200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
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HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
22	UA	E009	Chromium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.005	0.1	Standard	No Exceedance
22	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/09/25	38	3	CI around median	0.002	0.006	Standard	No Exceedance
22	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/09/25	38	5	CI around median	0.15	4.0	Standard	No Exceedance
22	UA	E009	Lead, total	mg/L	12/10/15 - 04/09/25	38	97	CB around T-S line	0.000928	0.0075	Standard	No Exceedance
22	UA	E009	Lithium, total	mg/L	12/10/15 - 04/09/25	42	0	CB around T-S line	0.0442	0.04	Standard	Exceedance
22	UA	E009	Mercury, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
22	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/09/25	42	0	CB around T-S line	0.0467	0.1	Standard	No Exceedance
22	UA	E009	pH (field)	SU	12/10/15 - 04/09/25	41	0	CI around median	7.6/7.7	6.5/9.0	Standard/Standard	No Exceedance
22	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/09/25	29	0	CI around mean	0.38	5	Standard	No Exceedance
22	UA	E009	Selenium, total	mg/L	12/10/15 - 04/09/25	38	0	CI around mean	0.0132	0.05	Standard	No Exceedance
22	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/09/25	45	0	CB around linear reg	88	400	Standard	No Exceedance
22	UA	E009	Thallium, total	mg/L	12/10/15 - 04/09/25	38	95	CB around T-S line	0.002	0.002	Standard	No Exceedance
22	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/09/25	45	0	CB around linear reg	580	1,200	Standard	No Exceedance
22D	UA	E009	Antimony, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.003	0.006	Standard	No Exceedance
22D	UA	E009	Arsenic, total	mg/L	09/17/19 - 04/09/25	22	23	CI around median	0.0011	0.010	Standard	No Exceedance
22D	UA	E009	Barium, total	mg/L	09/17/19 - 04/09/25	22	0	CB around T-S line	0.0667	2.0	Standard	No Exceedance
22D	UA	E009	Beryllium, total	mg/L	09/17/19 - 04/09/25	21	100	All ND - Last	0.001	0.004	Standard	No Exceedance
22D	UA	E009	Boron, total	mg/L	09/17/19 - 04/09/25	22	0	CB around linear reg	1.06	2	Standard	No Exceedance
22D	UA	E009	Cadmium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
22D	UA	E009	Chloride, total	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	91.9	200	Standard	No Exceedance
22D	UA	E009	Chromium, total	mg/L	09/17/19 - 04/09/25	22	91	CB around T-S line	0.0015	0.1	Standard	No Exceedance
22D	UA	E009	Cobalt, total	mg/L	09/17/19 - 04/09/25	22	96	CI around median	0.001	0.006	Standard	No Exceedance
22D	UA	E009	Fluoride, total	mg/L	09/17/19 - 04/09/25	22	9	CI around median	0.11	4.0	Standard	No Exceedance
22D	UA	E009	Lead, total	mg/L	09/17/19 - 04/09/25	22	91	CB around T-S line	0.000344	0.0075	Standard	No Exceedance
22D	UA	E009	Lithium, total	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	0.0151	0.04	Standard	No Exceedance
22D	UA	E009	Mercury, total	mg/L	12/11/19 - 04/09/25	21	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
22D	UA	E009	Molybdenum, total	mg/L	09/17/19 - 04/09/25	22	4	CB around T-S line	0.00565	0.1	Standard	No Exceedance

TABLE 2.
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HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
22D	UA	E009	pH (field)	SU	09/17/19 - 04/09/25	25	0	CI around mean	7.2/7.3	6.5/9.0	Standard/Standard	No Exceedance
22D	UA	E009	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 04/09/25	19	0	CI around mean	0.872	5	Standard	No Exceedance
22D	UA	E009	Selenium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
22D	UA	E009	Sulfate, total	mg/L	09/17/19 - 04/09/25	22	0	CB around linear reg	83.2	400	Standard	No Exceedance
22D	UA	E009	Thallium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.002	0.002	Standard	No Exceedance
22D	UA	E009	Total Dissolved Solids	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	615	1,200	Standard	No Exceedance
23	UA	E009	Antimony, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.003	0.006	Standard	No Exceedance
23	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/09/25	42	90	CB around T-S line	0.001	0.010	Standard	No Exceedance
23	UA	E009	Barium, total	mg/L	12/10/15 - 04/09/25	38	0	CB around T-S line	0.0376	2.0	Standard	No Exceedance
23	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.001	0.004	Standard	No Exceedance
23	UA	E009	Boron, total	mg/L	12/10/15 - 04/09/25	43	0	CB around T-S line	8.52	2	Standard	Exceedance
23	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
23	UA	E009	Chloride, total	mg/L	12/10/15 - 04/09/25	45	0	CB around linear reg	52.4	200	Standard	No Exceedance
23	UA	E009	Chromium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.005	0.1	Standard	No Exceedance
23	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.001	0.006	Standard	No Exceedance
23	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/09/25	38	5	CI around median	0.15	4.0	Standard	No Exceedance
23	UA	E009	Lead, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
23	UA	E009	Lithium, total	mg/L	12/10/15 - 04/09/25	42	12	CI around median	0.0048	0.04	Standard	No Exceedance
23	UA	E009	Mercury, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
23	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/09/25	42	0	CI around median	0.0147	0.1	Standard	No Exceedance
23	UA	E009	pH (field)	SU	12/10/15 - 04/09/25	40	0	CI around mean	7.4/7.5	6.5/9.0	Standard/Standard	No Exceedance
23	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/09/25	29	0	CI around mean	0.261	5	Standard	No Exceedance
23	UA	E009	Selenium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
23	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/09/25	45	0	CI around median	420	400	Standard	Exceedance
23	UA	E009	Thallium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.002	0.002	Standard	No Exceedance
23	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/09/25	45	0	CI around mean	889	1,200	Standard	No Exceedance
24/51	UA	E009	Antimony, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.003	0.006	Standard	No Exceedance

TABLE 2.
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HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
24/51	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/09/25	41	0	CI around mean	0.0205	0.010	Standard	Exceedance
24/51	UA	E009	Barium, total	mg/L	12/10/15 - 04/09/25	36	0	CB around T-S line	0.11	2.0	Standard	No Exceedance
24/51	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.001	0.004	Standard	No Exceedance
24/51	UA	E009	Boron, total	mg/L	12/10/15 - 04/09/25	41	0	CB around linear reg	1.14	2	Standard	No Exceedance
24/51	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
24/51	UA	E009	Chloride, total	mg/L	12/10/15 - 04/09/25	43	0	CB around linear reg	104	200	Standard	No Exceedance
24/51	UA	E009	Chromium, total	mg/L	12/10/15 - 04/09/25	36	78	CB around T-S line	0.00179	0.1	Standard	No Exceedance
24/51	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/09/25	36	75	CI around median	0.001	0.006	Standard	No Exceedance
24/51	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/09/25	36	6	CI around median	0.14	4.0	Standard	No Exceedance
24/51	UA	E009	Lead, total	mg/L	12/10/15 - 04/09/25	36	58	CI around median	0.001	0.0075	Standard	No Exceedance
24/51	UA	E009	Lithium, total	mg/L	12/10/15 - 04/09/25	40	0	CB around T-S line	0.0237	0.04	Standard	No Exceedance
24/51	UA	E009	Mercury, total	mg/L	12/10/15 - 04/09/25	35	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
24/51	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/09/25	40	2	CB around linear reg	0.00736	0.1	Standard	No Exceedance
24/51	UA	E009	pH (field)	SU	12/10/15 - 04/09/25	38	0	CB around linear reg	7.2/7.4	6.5/9.0	Standard/Standard	No Exceedance
24/51	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/09/25	28	0	CB around linear reg	1.2	5	Standard	No Exceedance
24/51	UA	E009	Selenium, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
24/51	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/09/25	43	0	CB around linear reg	76	400	Standard	No Exceedance
24/51	UA	E009	Thallium, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.002	0.002	Standard	No Exceedance
24/51	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/09/25	43	0	CI around median	630	1,200	Standard	No Exceedance
27	UA	E009	Antimony, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.003	0.006	Standard	No Exceedance
27	UA	E009	Arsenic, total	mg/L	09/12/18 - 04/08/25	25	52	CI around median	0.001	0.010	Standard	No Exceedance
27	UA	E009	Barium, total	mg/L	09/12/18 - 04/08/25	25	0	CI around median	0.0837	2.0	Standard	No Exceedance
27	UA	E009	Beryllium, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.001	0.004	Standard	No Exceedance
27	UA	E009	Boron, total	mg/L	09/12/18 - 04/08/25	25	0	CI around median	2.27	2	Standard	Exceedance
27	UA	E009	Cadmium, total	mg/L	09/12/18 - 04/08/25	25	96	CB around T-S line	0.000372	0.005	Standard	No Exceedance
27	UA	E009	Chloride, total	mg/L	03/08/16 - 04/08/25	30	0	CI around median	89	200	Standard	No Exceedance
27	UA	E009	Chromium, total	mg/L	09/12/18 - 04/08/25	25	80	CB around T-S line	0.0015	0.1	Standard	No Exceedance

TABLE 2.
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WEST ASH POND SYSTEM
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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
27	UA	E009	Cobalt, total	mg/L	09/12/18 - 04/08/25	25	0	CI around mean	0.00192	0.006	Standard	No Exceedance
27	UA	E009	Fluoride, total	mg/L	09/12/18 - 04/08/25	25	4	CI around median	0.12	4.0	Standard	No Exceedance
27	UA	E009	Lead, total	mg/L	09/12/18 - 04/08/25	25	48	CI around median	0.00094	0.0075	Standard	No Exceedance
27	UA	E009	Lithium, total	mg/L	09/12/18 - 04/08/25	25	0	CI around mean	0.0214	0.04	Standard	No Exceedance
27	UA	E009	Mercury, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
27	UA	E009	Molybdenum, total	mg/L	09/12/18 - 04/08/25	25	36	CI around median	0.0044	0.1	Standard	No Exceedance
27	UA	E009	pH (field)	SU	03/08/16 - 04/08/25	30	0	CI around mean	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
27	UA	E009	Radium 226 + Radium 228, total	pCi/L	09/12/18 - 04/08/25	19	0	CI around geomean	0.25	5	Standard	No Exceedance
27	UA	E009	Selenium, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
27	UA	E009	Sulfate, total	mg/L	03/08/16 - 04/08/25	30	0	CB around linear reg	90.7	400	Standard	No Exceedance
27	UA	E009	Thallium, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.002	0.002	Standard	No Exceedance
27	UA	E009	Total Dissolved Solids	mg/L	03/08/16 - 04/08/25	30	0	CI around median	648	1,200	Standard	No Exceedance
35	UA	E009	Antimony, total	mg/L	12/09/15 - 04/08/25	37	100	All ND - Last	0.003	0.006	Standard	No Exceedance
35	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/08/25	37	78	CI around median	0.001	0.010	Standard	No Exceedance
35	UA	E009	Barium, total	mg/L	12/09/15 - 04/08/25	37	0	CI around mean	0.0415	2.0	Standard	No Exceedance
35	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/08/25	37	100	All ND - Last	0.001	0.004	Standard	No Exceedance
35	UA	E009	Boron, total	mg/L	12/09/15 - 04/08/25	38	0	CB around linear reg	11.3	2	Standard	Exceedance
35	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/08/25	37	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
35	UA	E009	Chloride, total	mg/L	12/09/15 - 04/08/25	38	0	CB around T-S line	17	200	Standard	No Exceedance
35	UA	E009	Chromium, total	mg/L	12/09/15 - 04/08/25	37	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
35	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/08/25	37	43	CI around median	0.001	0.006	Standard	No Exceedance
35	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/08/25	38	3	CI around median	0.17	4.0	Standard	No Exceedance
35	UA	E009	Lead, total	mg/L	12/09/15 - 04/08/25	37	89	CB around T-S line	0.000724	0.0075	Standard	No Exceedance
35	UA	E009	Lithium, total	mg/L	12/09/15 - 04/08/25	37	0	CI around mean	0.0242	0.04	Standard	No Exceedance
35	UA	E009	Mercury, total	mg/L	12/09/15 - 04/08/25	36	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
35	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/08/25	37	0	CB around linear reg	0.0488	0.1	Standard	No Exceedance
35	UA	E009	pH (field)	SU	12/09/15 - 04/08/25	38	0	CB around linear reg	6.7/7.0	6.5/9.0	Standard/Standard	No Exceedance

TABLE 2.
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HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
35	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/08/25	30	0	CI around median	0.31	5	Standard	No Exceedance
35	UA	E009	Selenium, total	mg/L	12/09/15 - 04/08/25	37	97	CB around T-S line	0.001	0.05	Standard	No Exceedance
35	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/08/25	38	0	CB around linear reg	669	400	Standard	Exceedance
35	UA	E009	Thallium, total	mg/L	12/09/15 - 04/08/25	37	100	All ND - Last	0.002	0.002	Standard	No Exceedance
35	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/08/25	38	0	CB around linear reg	1,300	1,200	Standard	Exceedance
49	UA	E009	Antimony, total	mg/L	12/10/15 - 04/09/25	37	100	All ND - Last	0.003	0.006	Standard	No Exceedance
49	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/09/25	37	97	CI around median	0.001	0.010	Standard	No Exceedance
49	UA	E009	Barium, total	mg/L	12/10/15 - 04/09/25	37	0	CB around T-S line	0.0623	2.0	Standard	No Exceedance
49	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/09/25	37	100	All ND - Last	0.001	0.004	Standard	No Exceedance
49	UA	E009	Boron, total	mg/L	12/10/15 - 04/09/25	38	0	CB around linear reg	0.416	2	Standard	No Exceedance
49	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/09/25	37	24	CI around geomean	0.00106	0.005	Standard	No Exceedance
49	UA	E009	Chloride, total	mg/L	12/10/15 - 04/09/25	38	0	CI around median	100	200	Standard	No Exceedance
49	UA	E009	Chromium, total	mg/L	12/10/15 - 04/09/25	37	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
49	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/09/25	37	0	CI around mean	0.00415	0.006	Standard	No Exceedance
49	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/09/25	38	3	CI around median	0.15	4.0	Standard	No Exceedance
49	UA	E009	Lead, total	mg/L	12/10/15 - 04/09/25	37	92	CI around median	0.001	0.0075	Standard	No Exceedance
49	UA	E009	Lithium, total	mg/L	12/10/15 - 04/09/25	37	0	CI around mean	0.0241	0.04	Standard	No Exceedance
49	UA	E009	Mercury, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
49	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/09/25	37	0	CB around T-S line	0.0178	0.1	Standard	No Exceedance
49	UA	E009	pH (field)	SU	12/10/15 - 04/09/25	39	0	CI around mean	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
49	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/09/25	30	0	CI around mean	0.357	5	Standard	No Exceedance
49	UA	E009	Selenium, total	mg/L	12/10/15 - 04/09/25	37	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
49	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/09/25	38	0	CB around linear reg	69	400	Standard	No Exceedance
49	UA	E009	Thallium, total	mg/L	12/10/15 - 04/09/25	37	100	All ND - Last	0.002	0.002	Standard	No Exceedance
49	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/09/25	38	0	CB around linear reg	578	1,200	Standard	No Exceedance
50	UA	E009	Antimony, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.003	0.006	Standard	No Exceedance
50	UA	E009	Arsenic, total	mg/L	09/17/19 - 04/09/25	22	91	CI around median	0.001	0.010	Standard	No Exceedance

TABLE 2.
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WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
50	UA	E009	Barium, total	mg/L	09/17/19 - 04/09/25	22	0	CB around linear reg	0.0659	2.0	Standard	No Exceedance
50	UA	E009	Beryllium, total	mg/L	09/17/19 - 04/09/25	21	100	All ND - Last	0.001	0.004	Standard	No Exceedance
50	UA	E009	Boron, total	mg/L	09/17/19 - 04/09/25	22	0	CI around median	0.72	2	Standard	No Exceedance
50	UA	E009	Cadmium, total	mg/L	09/17/19 - 04/09/25	22	4	CI around geomean	0.0011	0.005	Standard	No Exceedance
50	UA	E009	Chloride, total	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	86.2	200	Standard	No Exceedance
50	UA	E009	Chromium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.005	0.1	Standard	No Exceedance
50	UA	E009	Cobalt, total	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	0.00394	0.006	Standard	No Exceedance
50	UA	E009	Fluoride, total	mg/L	09/17/19 - 04/09/25	22	18	CB around T-S line	0.119	4.0	Standard	No Exceedance
50	UA	E009	Lead, total	mg/L	09/17/19 - 04/09/25	22	96	CB around T-S line	0.000349	0.0075	Standard	No Exceedance
50	UA	E009	Lithium, total	mg/L	09/17/19 - 04/09/25	22	0	CB around T-S line	0.0236	0.04	Standard	No Exceedance
50	UA	E009	Mercury, total	mg/L	12/11/19 - 04/09/25	21	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
50	UA	E009	Molybdenum, total	mg/L	09/17/19 - 04/09/25	22	0	CB around T-S line	0.0349	0.1	Standard	No Exceedance
50	UA	E009	pH (field)	SU	09/17/19 - 04/09/25	25	0	CB around linear reg	7.4/7.7	6.5/9.0	Standard/Standard	No Exceedance
50	UA	E009	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 04/09/25	18	0	CI around mean	0.617	5	Standard	No Exceedance
50	UA	E009	Selenium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
50	UA	E009	Sulfate, total	mg/L	09/17/19 - 04/09/25	22	0	CI around geomean	91.1	400	Standard	No Exceedance
50	UA	E009	Thallium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.002	0.002	Standard	No Exceedance
50	UA	E009	Total Dissolved Solids	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	606	1,200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, 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 Dynegy Midwest Generation, LLC’s (DMG’s) operating permit application for the West Ash Pond System. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and, therefore, DMG has not identified any actual exceedances.

Events:

E009 = Quarter 2, 2025 sampling event

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

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

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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HENNEPIN POWER PLANT
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HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
21/21R	UA	E010	Antimony, total	mg/L	12/10/15 - 07/15/25	36	100	All ND - Last	0.003	0.006	Standard	No Exceedance
21/21R	UA	E010	Arsenic, total	mg/L	12/10/15 - 07/15/25	37	0	CB around linear reg	0.0241	0.010	Standard	Exceedance
21/21R	UA	E010	Barium, total	mg/L	12/10/15 - 07/15/25	36	0	CB around linear reg	0.305	2.0	Standard	No Exceedance
21/21R	UA	E010	Beryllium, total	mg/L	12/10/15 - 07/15/25	36	100	All ND - Last	0.001	0.004	Standard	No Exceedance
21/21R	UA	E010	Boron, total	mg/L	12/10/15 - 07/15/25	37	0	CB around T-S line	1.52	2	Standard	No Exceedance
21/21R	UA	E010	Cadmium, total	mg/L	12/10/15 - 07/15/25	36	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
21/21R	UA	E010	Chloride, total	mg/L	12/10/15 - 07/15/25	39	0	CB around linear reg	99.5	200	Standard	No Exceedance
21/21R	UA	E010	Chromium, total	mg/L	12/10/15 - 07/15/25	36	67	CB around T-S line	0.00199	0.1	Standard	No Exceedance
21/21R	UA	E010	Cobalt, total	mg/L	12/10/15 - 07/15/25	36	72	CI around median	0.001	0.006	Standard	No Exceedance
21/21R	UA	E010	Fluoride, total	mg/L	12/10/15 - 07/15/25	37	8	CI around median	0.14	4.0	Standard	No Exceedance
21/21R	UA	E010	Lead, total	mg/L	12/10/15 - 07/15/25	36	47	CI around median	0.001	0.0075	Standard	No Exceedance
21/21R	UA	E010	Lithium, total	mg/L	12/10/15 - 07/15/25	36	0	CB around linear reg	0.0242	0.04	Standard	No Exceedance
21/21R	UA	E010	Mercury, total	mg/L	12/10/15 - 07/15/25	36	97	CI around median	0.0002	0.002	Standard	No Exceedance
21/21R	UA	E010	Molybdenum, total	mg/L	12/10/15 - 07/15/25	36	3	CB around linear reg	0.00786	0.1	Standard	No Exceedance
21/21R	UA	E010	pH (field)	SU	12/10/15 - 07/15/25	39	0	CI around mean	7.4/7.5	6.5/9.0	Standard/Standard	No Exceedance
21/21R	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 07/15/25	29	0	CI around mean	0.896	5	Standard	No Exceedance
21/21R	UA	E010	Selenium, total	mg/L	12/10/15 - 07/15/25	36	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
21/21R	UA	E010	Sulfate, total	mg/L	12/10/15 - 07/15/25	39	0	CB around T-S line	28.7	400	Standard	No Exceedance
21/21R	UA	E010	Thallium, total	mg/L	12/10/15 - 07/15/25	36	100	All ND - Last	0.002	0.002	Standard	No Exceedance
21/21R	UA	E010	Total Dissolved Solids	mg/L	12/10/15 - 07/15/25	37	0	CB around T-S line	618	1,200	Standard	No Exceedance
22	UA	E010	Antimony, total	mg/L	12/10/15 - 07/18/25	39	92	CB around T-S line	0.001	0.006	Standard	No Exceedance
22	UA	E010	Arsenic, total	mg/L	12/10/15 - 07/18/25	43	74	CI around median	0.001	0.010	Standard	No Exceedance
22	UA	E010	Barium, total	mg/L	12/10/15 - 07/18/25	39	0	CB around T-S line	0.0537	2.0	Standard	No Exceedance
22	UA	E010	Beryllium, total	mg/L	12/10/15 - 07/18/25	39	100	All ND - Last	0.001	0.004	Standard	No Exceedance
22	UA	E010	Boron, total	mg/L	12/10/15 - 07/18/25	44	0	CB around T-S line	2.41	2	Standard	Exceedance
22	UA	E010	Cadmium, total	mg/L	12/10/15 - 07/18/25	39	3	CB around T-S line	0.00479	0.005	Standard	No Exceedance
22	UA	E010	Chloride, total	mg/L	12/10/15 - 07/16/25	46	0	CB around T-S line	91.1	200	Standard	No Exceedance

TABLE 2.
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WEST ASH POND SYSTEM
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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
22	UA	E010	Chromium, total	mg/L	12/10/15 - 07/18/25	39	100	All ND - Last	0.005	0.1	Standard	No Exceedance
22	UA	E010	Cobalt, total	mg/L	12/10/15 - 07/18/25	39	3	CI around median	0.002	0.006	Standard	No Exceedance
22	UA	E010	Fluoride, total	mg/L	12/10/15 - 07/16/25	39	5	CB around T-S line	0.15	4.0	Standard	No Exceedance
22	UA	E010	Lead, total	mg/L	12/10/15 - 07/18/25	39	97	CB around T-S line	0.00081	0.0075	Standard	No Exceedance
22	UA	E010	Lithium, total	mg/L	12/10/15 - 07/18/25	43	0	CB around T-S line	0.0432	0.04	Standard	Exceedance
22	UA	E010	Mercury, total	mg/L	12/10/15 - 07/18/25	37	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
22	UA	E010	Molybdenum, total	mg/L	12/10/15 - 07/18/25	43	0	CB around T-S line	0.0341	0.1	Standard	No Exceedance
22	UA	E010	pH (field)	SU	12/10/15 - 07/16/25	42	0	CI around median	7.6/7.7	6.5/9.0	Standard/Standard	No Exceedance
22	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 07/16/25	30	0	CI around mean	0.369	5	Standard	No Exceedance
22	UA	E010	Selenium, total	mg/L	12/10/15 - 07/18/25	39	0	CI around mean	0.0132	0.05	Standard	No Exceedance
22	UA	E010	Sulfate, total	mg/L	12/10/15 - 07/16/25	46	0	CB around linear reg	85.8	400	Standard	No Exceedance
22	UA	E010	Thallium, total	mg/L	12/10/15 - 07/18/25	39	95	CB around T-S line	0.002	0.002	Standard	No Exceedance
22	UA	E010	Total Dissolved Solids	mg/L	12/10/15 - 07/16/25	46	0	CB around linear reg	578	1,200	Standard	No Exceedance
22D	UA	E010	Antimony, total	mg/L	09/17/19 - 07/16/25	23	100	All ND - Last	0.003	0.006	Standard	No Exceedance
22D	UA	E010	Arsenic, total	mg/L	09/17/19 - 07/16/25	23	26	CB around T-S line	0.000856	0.010	Standard	No Exceedance
22D	UA	E010	Barium, total	mg/L	09/17/19 - 07/16/25	23	0	CB around T-S line	0.0652	2.0	Standard	No Exceedance
22D	UA	E010	Beryllium, total	mg/L	09/17/19 - 07/16/25	22	100	All ND - Last	0.001	0.004	Standard	No Exceedance
22D	UA	E010	Boron, total	mg/L	09/17/19 - 07/16/25	23	0	CB around T-S line	0.988	2	Standard	No Exceedance
22D	UA	E010	Cadmium, total	mg/L	09/17/19 - 07/16/25	23	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
22D	UA	E010	Chloride, total	mg/L	09/17/19 - 07/16/25	23	0	CI around mean	92	200	Standard	No Exceedance
22D	UA	E010	Chromium, total	mg/L	09/17/19 - 07/16/25	23	91	CB around T-S line	0.0015	0.1	Standard	No Exceedance
22D	UA	E010	Cobalt, total	mg/L	09/17/19 - 07/16/25	23	96	CI around median	0.001	0.006	Standard	No Exceedance
22D	UA	E010	Fluoride, total	mg/L	09/17/19 - 07/16/25	23	9	CI around median	0.11	4.0	Standard	No Exceedance
22D	UA	E010	Lead, total	mg/L	09/17/19 - 07/16/25	23	91	CB around T-S line	0.000277	0.0075	Standard	No Exceedance
22D	UA	E010	Lithium, total	mg/L	09/17/19 - 07/16/25	23	0	CI around mean	0.0152	0.04	Standard	No Exceedance
22D	UA	E010	Mercury, total	mg/L	12/11/19 - 07/16/25	22	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
22D	UA	E010	Molybdenum, total	mg/L	09/17/19 - 07/16/25	23	4	CB around T-S line	0.00542	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
22D	UA	E010	pH (field)	SU	09/17/19 - 07/16/25	26	0	CI around mean	7.2/7.3	6.5/9.0	Standard/Standard	No Exceedance
22D	UA	E010	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 07/16/25	20	0	CI around mean	0.904	5	Standard	No Exceedance
22D	UA	E010	Selenium, total	mg/L	09/17/19 - 07/16/25	23	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
22D	UA	E010	Sulfate, total	mg/L	09/17/19 - 07/16/25	23	0	CB around linear reg	81.8	400	Standard	No Exceedance
22D	UA	E010	Thallium, total	mg/L	09/17/19 - 07/16/25	23	100	All ND - Last	0.002	0.002	Standard	No Exceedance
22D	UA	E010	Total Dissolved Solids	mg/L	09/17/19 - 07/16/25	23	0	CI around mean	615	1,200	Standard	No Exceedance
23	UA	E010	Antimony, total	mg/L	12/10/15 - 07/16/25	39	100	All ND - Last	0.003	0.006	Standard	No Exceedance
23	UA	E010	Arsenic, total	mg/L	12/10/15 - 07/16/25	43	91	CB around T-S line	0.001	0.010	Standard	No Exceedance
23	UA	E010	Barium, total	mg/L	12/10/15 - 07/16/25	39	0	CB around T-S line	0.0381	2.0	Standard	No Exceedance
23	UA	E010	Beryllium, total	mg/L	12/10/15 - 07/16/25	39	100	All ND - Last	0.001	0.004	Standard	No Exceedance
23	UA	E010	Boron, total	mg/L	12/10/15 - 07/16/25	44	0	CB around T-S line	8.41	2	Standard	Exceedance
23	UA	E010	Cadmium, total	mg/L	12/10/15 - 07/16/25	39	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
23	UA	E010	Chloride, total	mg/L	12/10/15 - 07/16/25	46	0	CB around T-S line	50.5	200	Standard	No Exceedance
23	UA	E010	Chromium, total	mg/L	12/10/15 - 07/16/25	39	100	All ND - Last	0.005	0.1	Standard	No Exceedance
23	UA	E010	Cobalt, total	mg/L	12/10/15 - 07/16/25	39	100	All ND - Last	0.001	0.006	Standard	No Exceedance
23	UA	E010	Fluoride, total	mg/L	12/10/15 - 07/16/25	39	5	CI around median	0.16	4.0	Standard	No Exceedance
23	UA	E010	Lead, total	mg/L	12/10/15 - 07/16/25	39	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
23	UA	E010	Lithium, total	mg/L	12/10/15 - 07/16/25	43	14	CI around median	0.0047	0.04	Standard	No Exceedance
23	UA	E010	Mercury, total	mg/L	12/10/15 - 07/16/25	37	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
23	UA	E010	Molybdenum, total	mg/L	12/10/15 - 07/16/25	43	0	CI around median	0.0146	0.1	Standard	No Exceedance
23	UA	E010	pH (field)	SU	12/10/15 - 07/16/25	41	0	CI around mean	7.4/7.5	6.5/9.0	Standard/Standard	No Exceedance
23	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 07/16/25	30	0	CI around mean	0.255	5	Standard	No Exceedance
23	UA	E010	Selenium, total	mg/L	12/10/15 - 07/16/25	39	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
23	UA	E010	Sulfate, total	mg/L	12/10/15 - 07/16/25	46	0	CI around median	421	400	Standard	Exceedance
23	UA	E010	Thallium, total	mg/L	12/10/15 - 07/16/25	39	100	All ND - Last	0.002	0.002	Standard	No Exceedance
23	UA	E010	Total Dissolved Solids	mg/L	12/10/15 - 07/16/25	46	0	CI around mean	889	1,200	Standard	No Exceedance
24/51	UA	E010	Antimony, total	mg/L	12/10/15 - 07/16/25	37	100	All ND - Last	0.003	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
24/51	UA	E010	Arsenic, total	mg/L	12/10/15 - 07/16/25	42	0	CI around mean	0.0205	0.010	Standard	Exceedance
24/51	UA	E010	Barium, total	mg/L	12/10/15 - 07/16/25	37	0	CB around T-S line	0.109	2.0	Standard	No Exceedance
24/51	UA	E010	Beryllium, total	mg/L	12/10/15 - 07/16/25	37	100	All ND - Last	0.001	0.004	Standard	No Exceedance
24/51	UA	E010	Boron, total	mg/L	12/10/15 - 07/16/25	42	0	CB around linear reg	1.09	2	Standard	No Exceedance
24/51	UA	E010	Cadmium, total	mg/L	12/10/15 - 07/16/25	37	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
24/51	UA	E010	Chloride, total	mg/L	12/10/15 - 07/16/25	44	0	CB around linear reg	104	200	Standard	No Exceedance
24/51	UA	E010	Chromium, total	mg/L	12/10/15 - 07/16/25	37	78	CB around T-S line	0.00186	0.1	Standard	No Exceedance
24/51	UA	E010	Cobalt, total	mg/L	12/10/15 - 07/16/25	37	76	CI around median	0.001	0.006	Standard	No Exceedance
24/51	UA	E010	Fluoride, total	mg/L	12/10/15 - 07/16/25	37	5	CI around median	0.14	4.0	Standard	No Exceedance
24/51	UA	E010	Lead, total	mg/L	12/10/15 - 07/16/25	37	60	CI around median	0.001	0.0075	Standard	No Exceedance
24/51	UA	E010	Lithium, total	mg/L	12/10/15 - 07/16/25	41	0	CB around T-S line	0.0238	0.04	Standard	No Exceedance
24/51	UA	E010	Mercury, total	mg/L	12/10/15 - 07/16/25	36	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
24/51	UA	E010	Molybdenum, total	mg/L	12/10/15 - 07/16/25	41	2	CB around linear reg	0.00726	0.1	Standard	No Exceedance
24/51	UA	E010	pH (field)	SU	12/10/15 - 07/16/25	39	0	CB around linear reg	7.2/7.4	6.5/9.0	Standard/Standard	No Exceedance
24/51	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 07/16/25	29	0	CB around linear reg	1.18	5	Standard	No Exceedance
24/51	UA	E010	Selenium, total	mg/L	12/10/15 - 07/16/25	37	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
24/51	UA	E010	Sulfate, total	mg/L	12/10/15 - 07/16/25	44	0	CB around linear reg	74.7	400	Standard	No Exceedance
24/51	UA	E010	Thallium, total	mg/L	12/10/15 - 07/16/25	37	100	All ND - Last	0.002	0.002	Standard	No Exceedance
24/51	UA	E010	Total Dissolved Solids	mg/L	12/10/15 - 07/16/25	44	0	CI around median	630	1,200	Standard	No Exceedance
27	UA	E010	Antimony, total	mg/L	09/12/18 - 07/15/25	26	100	All ND - Last	0.003	0.006	Standard	No Exceedance
27	UA	E010	Arsenic, total	mg/L	09/12/18 - 07/15/25	26	50	CI around median	0.001	0.010	Standard	No Exceedance
27	UA	E010	Barium, total	mg/L	09/12/18 - 07/15/25	26	0	CI around median	0.0838	2.0	Standard	No Exceedance
27	UA	E010	Beryllium, total	mg/L	09/12/18 - 07/15/25	26	100	All ND - Last	0.001	0.004	Standard	No Exceedance
27	UA	E010	Boron, total	mg/L	09/12/18 - 07/15/25	26	0	CI around median	2.27	2	Standard	Exceedance
27	UA	E010	Cadmium, total	mg/L	09/12/18 - 07/15/25	26	96	CB around T-S line	0.000352	0.005	Standard	No Exceedance
27	UA	E010	Chloride, total	mg/L	03/08/16 - 07/15/25	31	0	CI around median	90	200	Standard	No Exceedance
27	UA	E010	Chromium, total	mg/L	09/12/18 - 07/15/25	26	81	CB around T-S line	0.0015	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
27	UA	E010	Cobalt, total	mg/L	09/12/18 - 07/15/25	26	0	CI around mean	0.00195	0.006	Standard	No Exceedance
27	UA	E010	Fluoride, total	mg/L	09/12/18 - 07/15/25	26	4	CI around median	0.12	4.0	Standard	No Exceedance
27	UA	E010	Lead, total	mg/L	09/12/18 - 07/15/25	26	46	CI around median	0.001	0.0075	Standard	No Exceedance
27	UA	E010	Lithium, total	mg/L	09/12/18 - 07/15/25	26	0	CI around mean	0.0215	0.04	Standard	No Exceedance
27	UA	E010	Mercury, total	mg/L	09/12/18 - 07/15/25	26	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
27	UA	E010	Molybdenum, total	mg/L	09/12/18 - 07/15/25	26	38	CI around median	0.0044	0.1	Standard	No Exceedance
27	UA	E010	pH (field)	SU	03/08/16 - 07/15/25	31	0	CI around mean	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
27	UA	E010	Radium 226 + Radium 228, total	pCi/L	09/12/18 - 07/15/25	20	0	CI around geomean	0.263	5	Standard	No Exceedance
27	UA	E010	Selenium, total	mg/L	09/12/18 - 07/15/25	26	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
27	UA	E010	Sulfate, total	mg/L	03/08/16 - 07/15/25	31	0	CB around linear reg	88.8	400	Standard	No Exceedance
27	UA	E010	Thallium, total	mg/L	09/12/18 - 07/15/25	26	100	All ND - Last	0.002	0.002	Standard	No Exceedance
27	UA	E010	Total Dissolved Solids	mg/L	03/08/16 - 07/15/25	31	0	CI around median	648	1,200	Standard	No Exceedance
35	UA	E010	Antimony, total	mg/L	12/09/15 - 07/15/25	38	100	All ND - Last	0.003	0.006	Standard	No Exceedance
35	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/15/25	38	79	CI around median	0.001	0.010	Standard	No Exceedance
35	UA	E010	Barium, total	mg/L	12/09/15 - 07/15/25	38	0	CI around mean	0.0416	2.0	Standard	No Exceedance
35	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/15/25	38	100	All ND - Last	0.001	0.004	Standard	No Exceedance
35	UA	E010	Boron, total	mg/L	12/09/15 - 07/15/25	39	0	CB around linear reg	11	2	Standard	Exceedance
35	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/15/25	38	100	All ND - Last	0.0005	0.005	Standard	No Exceedance
35	UA	E010	Chloride, total	mg/L	12/09/15 - 07/15/25	39	0	CB around T-S line	14.9	200	Standard	No Exceedance
35	UA	E010	Chromium, total	mg/L	12/09/15 - 07/15/25	38	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
35	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/15/25	38	42	CI around median	0.001	0.006	Standard	No Exceedance
35	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/15/25	39	3	CI around median	0.17	4.0	Standard	No Exceedance
35	UA	E010	Lead, total	mg/L	12/09/15 - 07/15/25	38	92	CB around T-S line	0.000707	0.0075	Standard	No Exceedance
35	UA	E010	Lithium, total	mg/L	12/09/15 - 07/15/25	38	0	CI around mean	0.0241	0.04	Standard	No Exceedance
35	UA	E010	Mercury, total	mg/L	12/09/15 - 07/15/25	37	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
35	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/15/25	38	0	CB around linear reg	0.0493	0.1	Standard	No Exceedance
35	UA	E010	pH (field)	SU	12/09/15 - 07/15/25	39	0	CB around linear reg	6.7/7.0	6.5/9.0	Standard/Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
35	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/15/25	31	0	CI around median	0.353	5	Standard	No Exceedance
35	UA	E010	Selenium, total	mg/L	12/09/15 - 07/15/25	38	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
35	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/15/25	39	0	CB around linear reg	675	400	Standard	Exceedance
35	UA	E010	Thallium, total	mg/L	12/09/15 - 07/15/25	38	100	All ND - Last	0.002	0.002	Standard	No Exceedance
35	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/15/25	39	0	CB around linear reg	1,290	1,200	Standard	Exceedance
49	UA	E010	Antimony, total	mg/L	12/10/15 - 07/16/25	38	100	All ND - Last	0.003	0.006	Standard	No Exceedance
49	UA	E010	Arsenic, total	mg/L	12/10/15 - 07/16/25	38	97	CI around median	0.001	0.010	Standard	No Exceedance
49	UA	E010	Barium, total	mg/L	12/10/15 - 07/16/25	38	0	CB around T-S line	0.0629	2.0	Standard	No Exceedance
49	UA	E010	Beryllium, total	mg/L	12/10/15 - 07/16/25	38	100	All ND - Last	0.001	0.004	Standard	No Exceedance
49	UA	E010	Boron, total	mg/L	12/10/15 - 07/16/25	39	0	CB around linear reg	0.407	2	Standard	No Exceedance
49	UA	E010	Cadmium, total	mg/L	12/10/15 - 07/16/25	38	24	CI around geomean	0.00106	0.005	Standard	No Exceedance
49	UA	E010	Chloride, total	mg/L	12/10/15 - 07/16/25	39	0	CI around median	100	200	Standard	No Exceedance
49	UA	E010	Chromium, total	mg/L	12/10/15 - 07/16/25	38	97	CB around T-S line	0.0015	0.1	Standard	No Exceedance
49	UA	E010	Cobalt, total	mg/L	12/10/15 - 07/16/25	38	0	CI around mean	0.0041	0.006	Standard	No Exceedance
49	UA	E010	Fluoride, total	mg/L	12/10/15 - 07/16/25	39	3	CI around median	0.15	4.0	Standard	No Exceedance
49	UA	E010	Lead, total	mg/L	12/10/15 - 07/16/25	38	92	CI around median	0.001	0.0075	Standard	No Exceedance
49	UA	E010	Lithium, total	mg/L	12/10/15 - 07/16/25	38	0	CI around mean	0.0241	0.04	Standard	No Exceedance
49	UA	E010	Mercury, total	mg/L	12/10/15 - 07/16/25	37	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
49	UA	E010	Molybdenum, total	mg/L	12/10/15 - 07/16/25	38	0	CB around T-S line	0.0178	0.1	Standard	No Exceedance
49	UA	E010	pH (field)	SU	12/10/15 - 07/16/25	40	0	CI around mean	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
49	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 07/16/25	31	0	CI around mean	0.362	5	Standard	No Exceedance
49	UA	E010	Selenium, total	mg/L	12/10/15 - 07/16/25	38	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
49	UA	E010	Sulfate, total	mg/L	12/10/15 - 07/16/25	39	0	CB around linear reg	68.6	400	Standard	No Exceedance
49	UA	E010	Thallium, total	mg/L	12/10/15 - 07/16/25	38	100	All ND - Last	0.002	0.002	Standard	No Exceedance
49	UA	E010	Total Dissolved Solids	mg/L	12/10/15 - 07/16/25	39	0	CB around linear reg	579	1,200	Standard	No Exceedance
50	UA	E010	Antimony, total	mg/L	09/17/19 - 07/16/25	23	100	All ND - Last	0.003	0.006	Standard	No Exceedance
50	UA	E010	Arsenic, total	mg/L	09/17/19 - 07/16/25	23	91	CI around median	0.001	0.010	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
50	UA	E010	Barium, total	mg/L	09/17/19 - 07/16/25	23	0	CB around linear reg	0.0649	2.0	Standard	No Exceedance
50	UA	E010	Beryllium, total	mg/L	09/17/19 - 07/16/25	22	100	All ND - Last	0.001	0.004	Standard	No Exceedance
50	UA	E010	Boron, total	mg/L	09/17/19 - 07/16/25	23	0	CI around median	0.72	2	Standard	No Exceedance
50	UA	E010	Cadmium, total	mg/L	09/17/19 - 07/16/25	23	4	CI around median	0.0011	0.005	Standard	No Exceedance
50	UA	E010	Chloride, total	mg/L	09/17/19 - 07/16/25	23	0	CI around mean	86.4	200	Standard	No Exceedance
50	UA	E010	Chromium, total	mg/L	09/17/19 - 07/16/25	23	100	All ND - Last	0.005	0.1	Standard	No Exceedance
50	UA	E010	Cobalt, total	mg/L	09/17/19 - 07/16/25	23	0	CI around mean	0.00395	0.006	Standard	No Exceedance
50	UA	E010	Fluoride, total	mg/L	09/17/19 - 07/16/25	23	17	CB around T-S line	0.12	4.0	Standard	No Exceedance
50	UA	E010	Lead, total	mg/L	09/17/19 - 07/16/25	23	96	CB around T-S line	0.000287	0.0075	Standard	No Exceedance
50	UA	E010	Lithium, total	mg/L	09/17/19 - 07/16/25	23	0	CB around T-S line	0.0239	0.04	Standard	No Exceedance
50	UA	E010	Mercury, total	mg/L	12/11/19 - 07/16/25	22	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
50	UA	E010	Molybdenum, total	mg/L	09/17/19 - 07/16/25	23	0	CB around T-S line	0.0369	0.1	Standard	No Exceedance
50	UA	E010	pH (field)	SU	09/17/19 - 07/16/25	26	0	CB around linear reg	7.4/7.7	6.5/9.0	Standard/Standard	No Exceedance
50	UA	E010	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 07/16/25	19	0	CI around mean	0.602	5	Standard	No Exceedance
50	UA	E010	Selenium, total	mg/L	09/17/19 - 07/16/25	23	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
50	UA	E010	Sulfate, total	mg/L	09/17/19 - 07/16/25	23	0	CI around geomean	92.1	400	Standard	No Exceedance
50	UA	E010	Thallium, total	mg/L	09/17/19 - 07/16/25	23	100	All ND - Last	0.002	0.002	Standard	No Exceedance
50	UA	E010	Total Dissolved Solids	mg/L	09/17/19 - 07/16/25	23	0	CI around mean	606	1,200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, 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 Dynegy Midwest Generation, LLC’s (DMG’s) operating permit application for the West Ash Pond System. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and, therefore, DMG has not identified any actual exceedances.

Events:

E010 = Quarter 3, 2025 sampling event

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

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

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



- BACKGROUND WELL
- COMPLIANCE WELL
- REGULATED UNIT (SUBJECT UNIT)
- LIMITS OF FINAL COVER
- PROPERTY BOUNDARY

0 200 400
Feet

MONITORING WELL LOCATION
MAP

ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
WEST ASH POND SYSTEM

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.





- TOTAL ARSENIC EXCEEDANCE
- TOTAL BORON EXCEEDANCE
- TOTAL CADMIUM EXCEEDANCE
- TOTAL LITHIUM EXCEEDANCE
- TOTAL SULFATE EXCEEDANCE
- TOTAL DISSOLVED SOLIDS EXCEEDANCE
- COMPLIANCE WELL WITHOUT EXCEEDANCE
- REGULATED UNIT (SUBJECT UNIT)
- LIMITS OF FINAL COVER
- PROPERTY BOUNDARY

0 200 400 Feet

GWPS EXCEEDANCE MAP
UPPERMOST AQUIFER
QUARTER 1, 2025 -
QUARTER 3, 2025

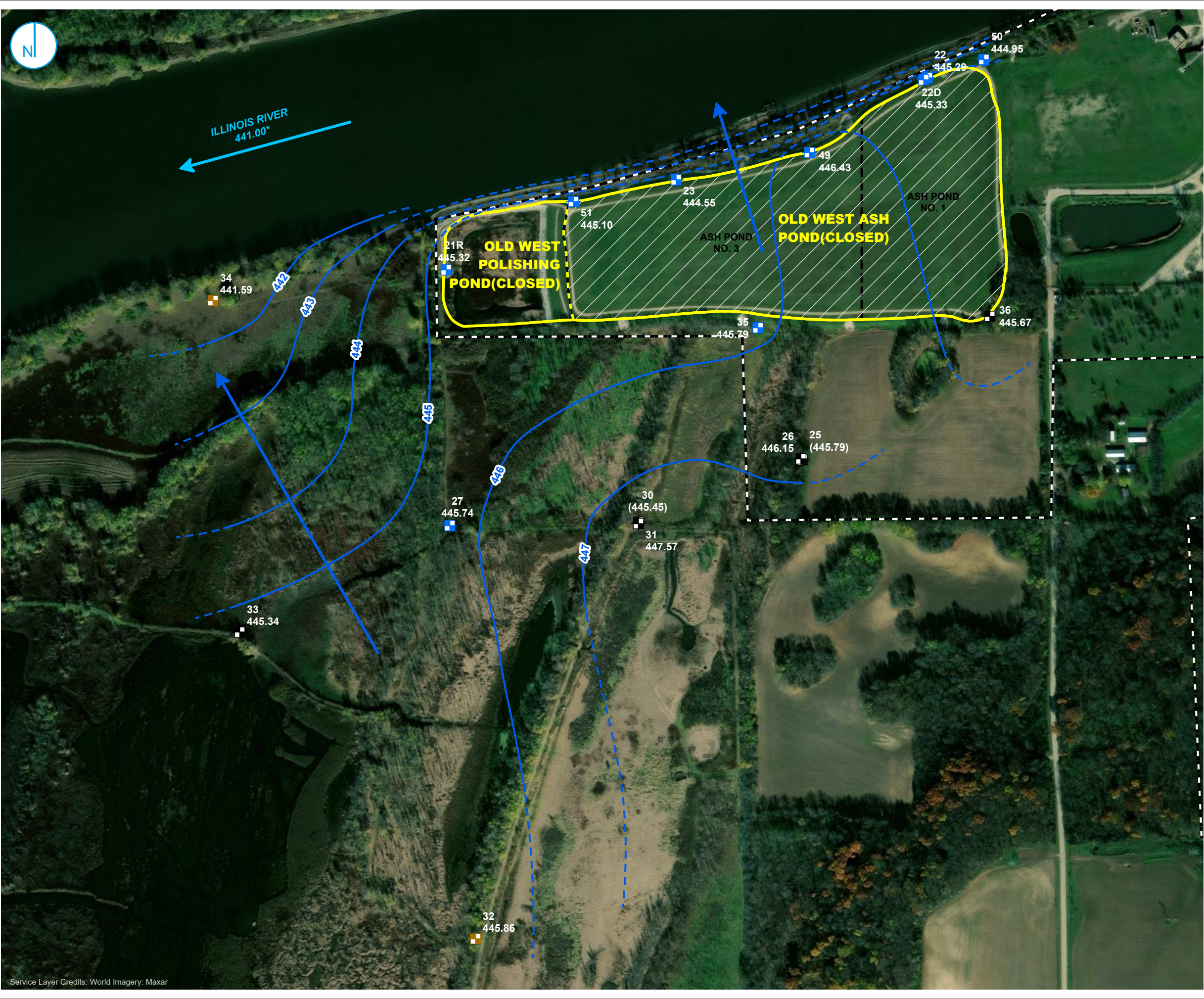
ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
WEST ASH POND SYSTEM

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 2

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.





- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- GROUNDWATER ELEVATION CONTOUR (1 FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE
- LIMITS OF FINAL COVER
- PROPERTY BOUNDARY

NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
*ILLINOIS RIVER ELEVATION OBTAINED FROM STAFF GAGE SG02, LOCATED AT THE HENNEPIN POWER PLANT.



POTENTIOMETRIC SURFACE MAP
JANUARY 13, 2025

ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
WEST ASH POND SYSTEM

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 3

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



PROJECT: 169000XXXX | DATED: 8/4/2025 | DESIGNER: PWYSIATKO
Y:\Mapping\Projects\21\2285\MXD\GW_Contours\Round_2025\Hennepin\OWAP_804\HEN_804_OWAP_2025.aprx\HEN_804_OWAP_Pot Surface 20250207



- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- GROUNDWATER ELEVATION CONTOUR (1 FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE
- LIMITS OF FINAL COVER
- PROPERTY BOUNDARY

NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
*ILLINOIS RIVER ELEVATION OBTAINED FROM STAFF GAGE SG02, LOCATED AT THE HENNEPIN POWER PLANT.

0 200 400
Feet

POTENTIOMETRIC SURFACE MAP
FEBRUARY 7, 2025

ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
WEST ASH POND SYSTEM

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 4

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



PROJECT: 169000XXXX | DATED: 8/26/2025 | DESIGNER: GALARNMC
Y:\Mapping\Projects\212285\MXD\GW_Contours\Round_2025\Hennepin\OWAP_804\HEN_804_OWAP_2025.aprx\HEN_804_OWAP_Pot Surface 20250307



- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- GROUNDWATER ELEVATION CONTOUR (1 FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- LIMITS OF FINAL COVER
- PROPERTY BOUNDARY

NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
*ILLINOIS RIVER ELEVATION OBTAINED FROM STAFF GAGE SG02, LOCATED AT THE HENNEPIN POWER PLANT.

0 200 400
Feet

POTENTIOMETRIC SURFACE MAP MARCH 7, 2025

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT WEST ASH POND SYSTEM

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 5

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.





- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- GROUNDWATER ELEVATION CONTOUR (1 FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- SITE FEATURE
- LIMITS OF FINAL COVER
- PROPERTY BOUNDARY

NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
*ILLINOIS RIVER ELEVATION OBTAINED FROM STAFF GAGE SG02, LOCATED AT THE HENNEPIN POWER PLANT.



POTENTIOMETRIC SURFACE MAP
APRIL 7, 2025

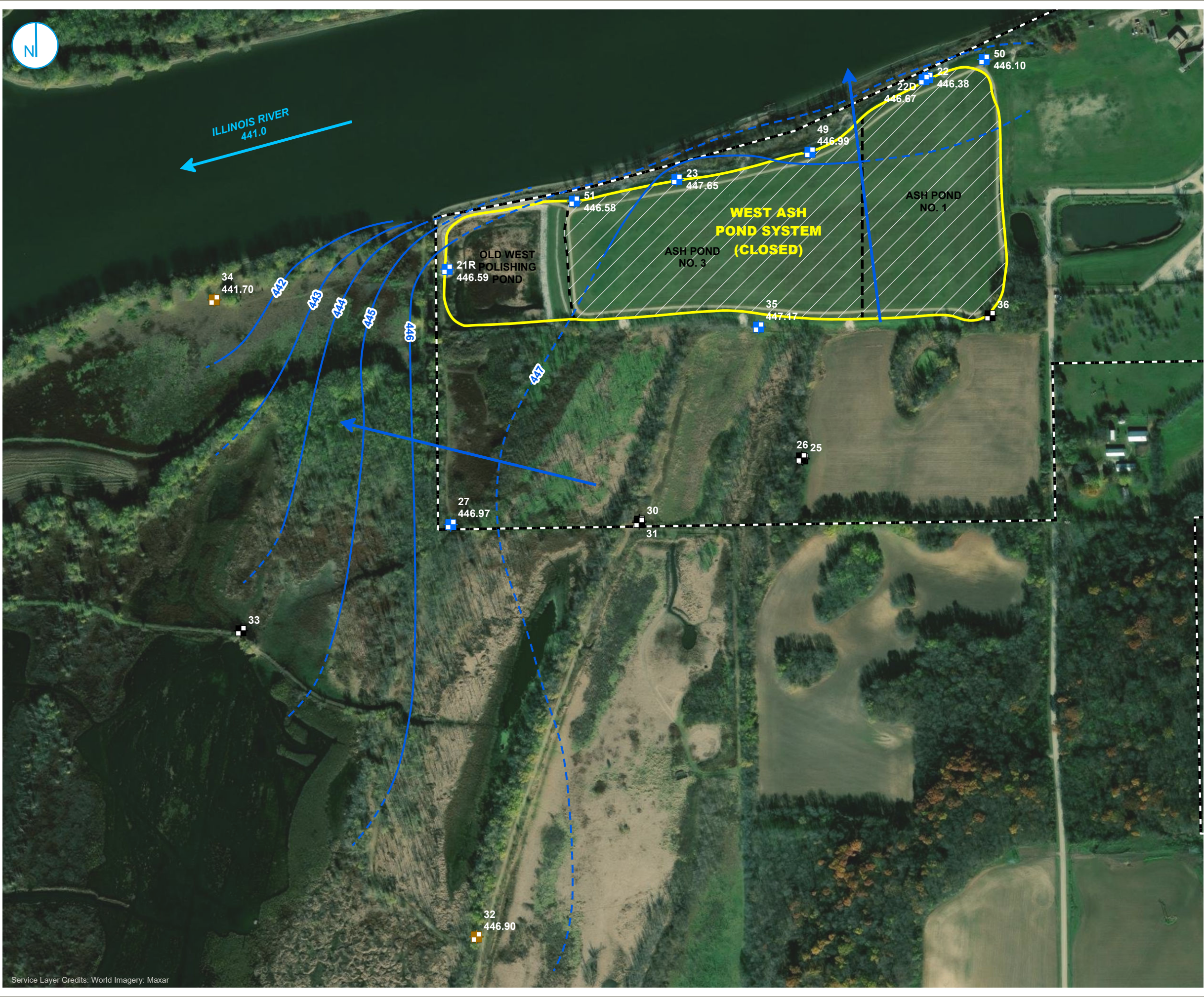
ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
WEST ASH POND SYSTEM

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 6

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.





- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- GROUNDWATER ELEVATION CONTOUR (1 FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- LIMITS OF FINAL COVER
- PROPERTY BOUNDARY

NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
*ILLINOIS RIVER ELEVATION OBTAINED FROM STAFF GAGE SG02, LOCATED AT THE HENNEPIN POWER PLANT.



POTENTIOMETRIC SURFACE MAP
MAY 14, 2025

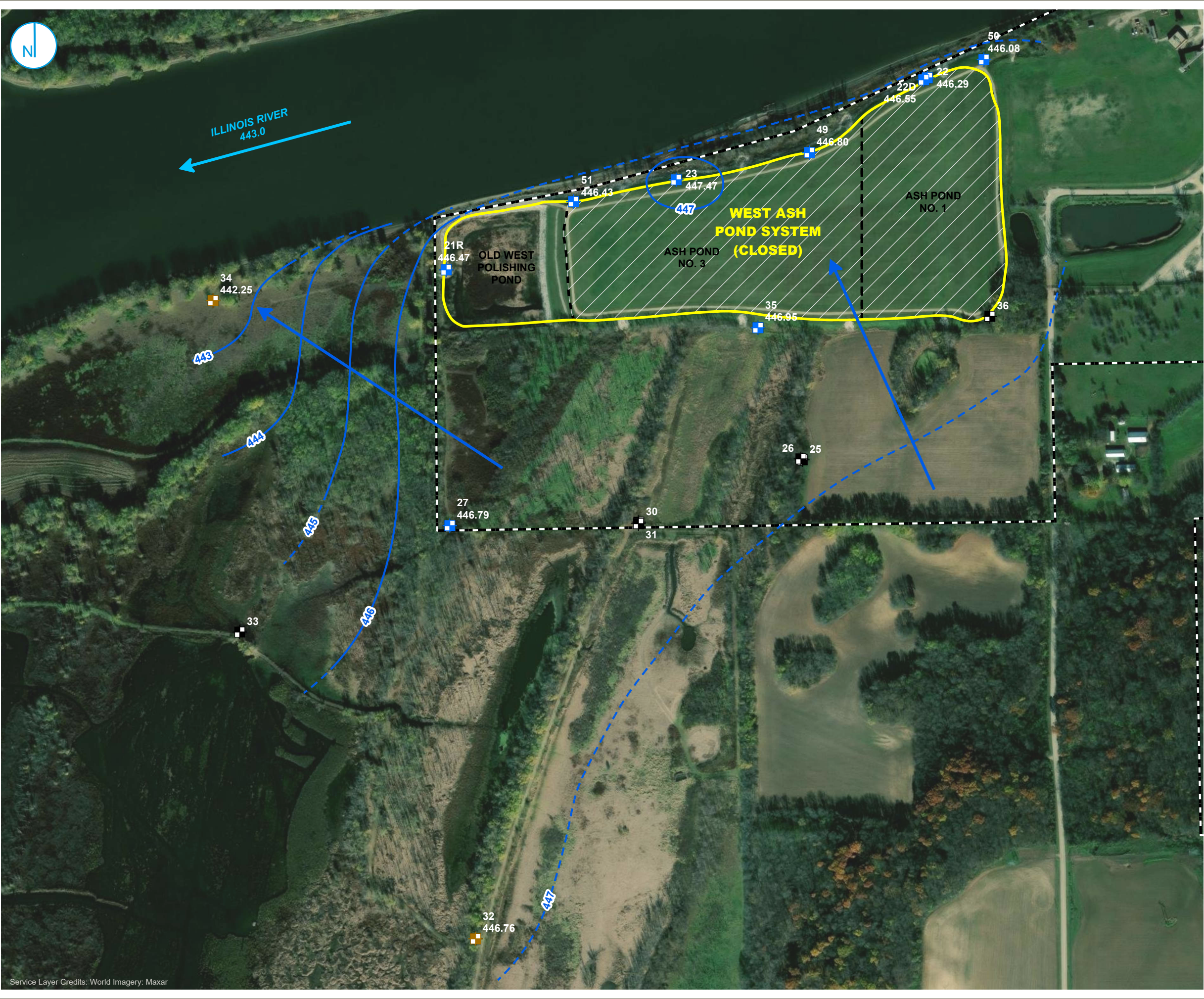
ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
WEST ASH POND SYSTEM

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 7

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.





- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- GROUNDWATER ELEVATION CONTOUR (1 FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- LIMITS OF FINAL COVER
- PROPERTY BOUNDARY

NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
*ILLINOIS RIVER ELEVATION OBTAINED FROM STAFF GAGE SG02, LOCATED AT THE HENNEPIN POWER PLANT.



POTENTIOMETRIC SURFACE MAP
JUNE 14, 2025

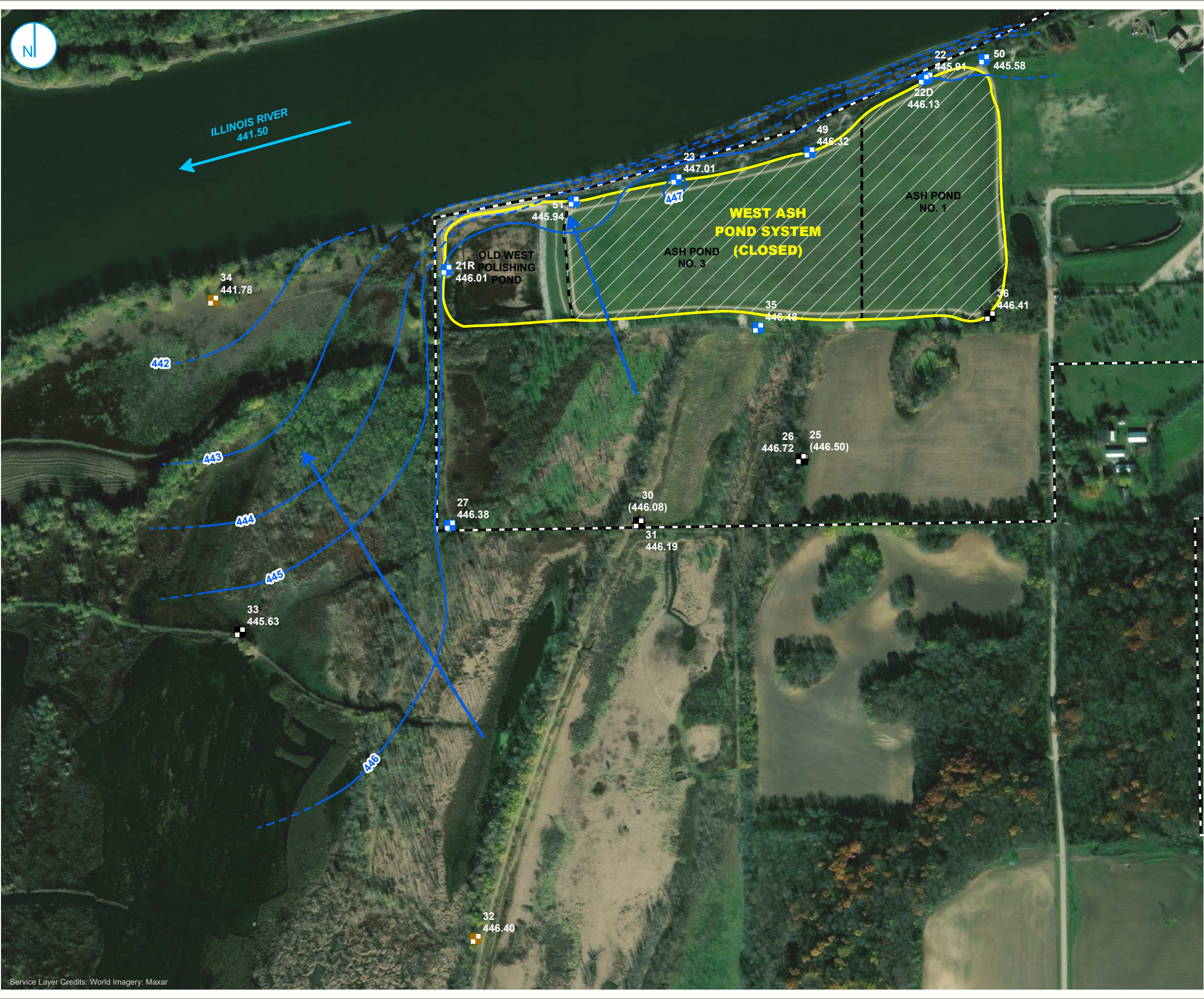
ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
WEST ASH POND SYSTEM

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 8

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.





- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- GROUNDWATER ELEVATION CONTOUR (1 FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- LIMITS OF FINAL COVER
- PROPERTY BOUNDARY

NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
*ILLINOIS RIVER ELEVATION OBTAINED FROM STAFF GAGE SG02, LOCATED AT THE HENNEPIN POWER PLANT.

0 200 400
Feet

POTENTIOMETRIC SURFACE MAP
JULY 14, 2025

ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
WEST ASH POND SYSTEM

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 9

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



PROJECT: 169000XXXX | DATED: 12/19/2025 | DESIGNER: PWYSIATKO
Y:\Mapping\Projects\22\2285\MXD\GW_Contours\Round_2025\Hennepin\OWAP_804\HEN_804_OWAP_2025.aprx\HEN_804_OWAP_Pot Surface 20250827



- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- GROUNDWATER ELEVATION CONTOUR (1 FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- LIMITS OF FINAL COVER
- PROPERTY BOUNDARY

NOTES:
1. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
*ILLINOIS RIVER ELEVATION OBTAINED FROM STAFF GAGE SG02, LOCATED AT THE HENNEPIN POWER PLANT.

0 200 400
Feet

**POTENTIOMETRIC SURFACE MAP
AUGUST 27, 2025**

**2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
WEST ASH POND SYSTEM
HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS**

FIGURE 10

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



PROJECT: 169000XXXX | DATED: 12/19/2025 | DESIGNER: PWYSIATKO
Y:\Mapping\Projects\2212285\MXD\GW_Contours\Round_2025\Hennepin\OWAP_804\HEN_804_OWAP_2025.aprx\HEN_804_OWAP_Pot Surface 20251027



- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- GROUNDWATER ELEVATION CONTOUR (1 FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- LIMITS OF FINAL COVER
- PROPERTY BOUNDARY

NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
*ILLINOIS RIVER ELEVATION OBTAINED FROM STAFF GAGE SG02, LOCATED AT THE HENNEPIN POWER PLANT.

0 200 400
Feet

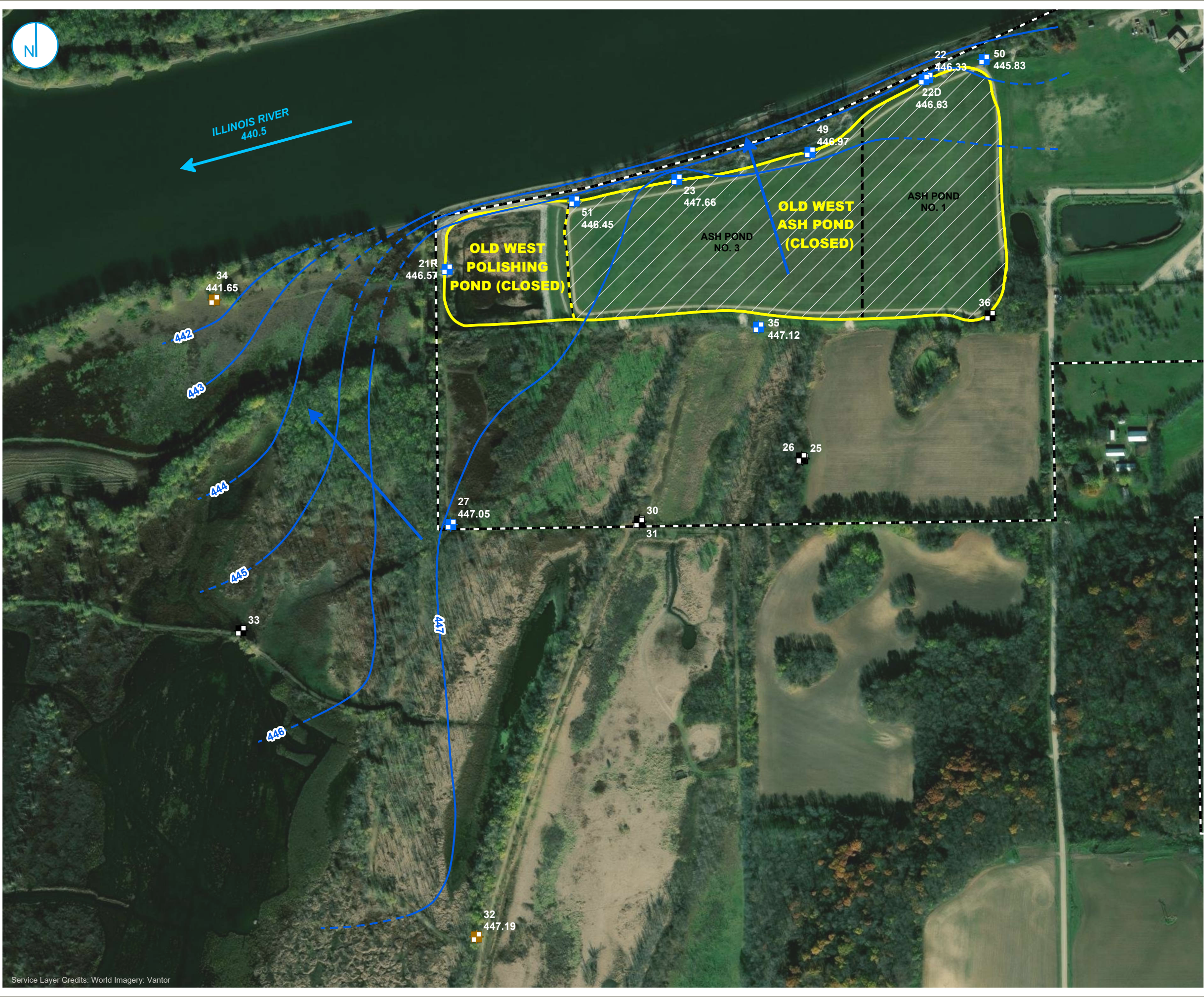
**POTENTIOMETRIC SURFACE MAP
OCTOBER 27, 2025**

**2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
WEST ASH POND SYSTEM
HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS**

FIGURE 12

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.





- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- GROUNDWATER ELEVATION CONTOUR (1 FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- LIMITS OF FINAL COVER
- PROPERTY BOUNDARY

NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
*ILLINOIS RIVER ELEVATION OBTAINED FROM STAFF GAGE SG02, LOCATED AT THE HENNEPIN POWER PLANT.



POTENTIOMETRIC SURFACE MAP
NOVEMBER 17, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
WEST ASH POND SYSTEM
HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 13

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



PROJECT: 169000XXXX | DATED: 1/6/2026 | DESIGNER: PWYSIATKO
Y:\Mapping\Projects\212285\MXD\GW_Contours\Round_2025\Hennepin\OWAP_804\HEN_804_OWAP_2025.aprx\HEN_804_OWAP_20251217



- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- GROUNDWATER ELEVATION CONTOUR (1 FT CONTOUR INTERVAL, NAVD88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION
- REGULATED UNIT (SUBJECT UNIT)
- LIMITS OF FINAL COVER
- PROPERTY BOUNDARY

NOTES:
1. ELEVATIONS IN PARENTHESES WERE NOT USED FOR CONTOURING.
2. ELEVATION CONTOURS SHOWN IN FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
*ILLINOIS RIVER ELEVATION OBTAINED FROM STAFF GAGE SG02, LOCATED AT THE HENNEPIN POWER PLANT.

0 200 400
Feet

**POTENTIOMETRIC SURFACE MAP
DECEMBER 17, 2025**

**2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
WEST ASH POND SYSTEM
HENNEPIN POWER PLANT
HENNEPIN, 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
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
21R	Compliance	UA	01/13/2025	7.11	445.32
21R	Compliance	UA	02/07/2025	7.09	445.33
21R	Compliance	UA	03/07/2025	6.77	445.66
21R	Compliance	UA	04/07/2025	5.52	446.91
21R	Compliance	UA	05/14/2025	5.83	446.59
21R	Compliance	UA	06/14/2025	5.95	446.47
21R	Compliance	UA	07/14/2025	6.42	446.01
21R	Compliance	UA	08/27/2025	6.11	446.31
21R	Compliance	UA	09/27/2025	6.85	445.58
21R	Compliance	UA	10/27/2025	6.12	446.31
21R	Compliance	UA	11/17/2025	5.85	446.57
21R	Compliance	UA	12/17/2025	6.71	445.72
22	Compliance	UA	01/13/2025	19.64	445.29
22	Compliance	UA	02/07/2025	19.80	445.12
22	Compliance	UA	03/07/2025	19.50	445.41
22	Compliance	UA	04/07/2025	18.11	446.82
22	Compliance	UA	05/14/2025	18.54	446.38
22	Compliance	UA	06/14/2025	18.63	446.29
22	Compliance	UA	07/14/2025	19.02	445.91
22	Compliance	UA	08/27/2025	18.67	446.25
22	Compliance	UA	09/27/2025	19.25	445.67
22	Compliance	UA	10/27/2025	18.81	446.12
22	Compliance	UA	11/17/2025	18.59	446.33
22	Compliance	UA	12/17/2025	19.37	445.56
22D	Compliance	UA	01/13/2025	20.58	445.33
22D	Compliance	UA	02/07/2025	20.56	445.35
22D	Compliance	UA	03/07/2025	20.38	445.52
22D	Compliance	UA	04/07/2025	19.01	446.90
22D	Compliance	UA	05/14/2025	19.23	446.67
22D	Compliance	UA	06/14/2025	19.35	446.55
22D	Compliance	UA	07/14/2025	19.78	446.13
22D	Compliance	UA	08/27/2025	19.35	446.55
22D	Compliance	UA	09/27/2025	20.01	445.89
22D	Compliance	UA	10/27/2025	19.51	446.40
22D	Compliance	UA	11/17/2025	19.27	446.63
22D	Compliance	UA	12/17/2025	20.15	445.76
23	Compliance	UA	01/17/2025	[19.36]	[444.55]
23	Compliance	UA	02/07/2025	17.75	446.15
23	Compliance	UA	03/07/2025	17.74	446.16
23	Compliance	UA	04/07/2025	16.42	447.49
23	Compliance	UA	05/14/2025	16.24	447.65
23	Compliance	UA	06/14/2025	16.43	447.47
23	Compliance	UA	07/14/2025	16.90	447.01
23	Compliance	UA	08/27/2025	16.95	446.95
23	Compliance	UA	09/27/2025	DM ⁷	DM ⁷
23	Compliance	UA	10/27/2025	17.14	446.77

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

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
23	Compliance	UA	11/17/2025	16.24	447.66
23	Compliance	UA	12/17/2025	17.81	446.10
27	Compliance	UA	01/13/2025	5.29	445.74
27	Compliance	UA	02/07/2025	5.38	445.64
27	Compliance	UA	03/07/2025	5.29	445.73
27	Compliance	UA	04/07/2025	4.12	446.91
27	Compliance	UA	05/14/2025	4.05	446.97
27	Compliance	UA	06/14/2025	4.22	446.79
27	Compliance	UA	07/14/2025	4.65	446.38
27	Compliance	UA	08/27/2025	4.39	446.62
27	Compliance	UA	09/27/2025	5.02	446.00
27	Compliance	UA	10/27/2025	4.24	446.79
27	Compliance	UA	11/17/2025	3.96	447.05
27	Compliance	UA	12/17/2025	4.88	446.15
32	Background	UA	01/13/2025	6.16	445.86
32	Background	UA	02/07/2025	6.18	445.83
32	Background	UA	03/07/2025	6.00	446.01
32	Background	UA	04/07/2025	4.95	447.07
32	Background	UA	05/14/2025	5.11	446.90
32	Background	UA	06/14/2025	5.25	446.76
32	Background	UA	07/14/2025	5.62	446.40
32	Background	UA	08/27/2025	5.31	446.70
32	Background	UA	09/27/2025	5.92	446.09
32	Background	UA	10/27/2025	5.02	447.00
32	Background	UA	11/17/2025	4.82	447.19
32	Background	UA	12/17/2025	5.71	446.31
34	Background	UA	01/13/2025	8.42	441.59
34	Background	UA	02/07/2025	8.12	441.89
34	Background	UA	03/07/2025	4.99	445.01
34	Background	UA	04/07/2025	3.51	446.50
34	Background	UA	05/14/2025	8.30	441.70
34	Background	UA	06/14/2025	7.76	442.25
34	Background	UA	07/14/2025	8.23	441.78
34	Background	UA	08/27/2025	8.05	441.95
34	Background	UA	09/27/2025	9.25	440.75
34	Background	UA	10/27/2025	8.52	441.49
34	Background	UA	11/17/2025	8.35	441.65
34	Background	UA	12/17/2025	8.73	441.28
35	Compliance	UA	01/13/2025	9.44	445.79
35	Compliance	UA	02/07/2025	9.37	445.84
35	Compliance	UA	03/07/2025	9.34	445.87
35	Compliance	UA	04/07/2025	8.11	447.12
35	Compliance	UA	05/14/2025	8.05	447.17
35	Compliance	UA	06/14/2025	8.26	446.95
35	Compliance	UA	07/14/2025	8.75	446.48
35	Compliance	UA	08/27/2025	8.37	446.85

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

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
35	Compliance	UA	09/27/2025	9.06	446.16
35	Compliance	UA	10/27/2025	8.40	446.83
35	Compliance	UA	11/17/2025	8.10	447.12
35	Compliance	UA	12/17/2025	9.06	446.17
49	Compliance	UA	01/17/2025	[22.13]	[446.43]
49	Compliance	UA	02/07/2025	23.14	445.42
49	Compliance	UA	03/07/2025	23.08	445.48
49	Compliance	UA	04/07/2025	21.70	446.86
49	Compliance	UA	05/14/2025	21.57	446.99
49	Compliance	UA	06/14/2025	21.75	446.80
49	Compliance	UA	07/14/2025	22.24	446.32
49	Compliance	UA	08/27/2025	21.84	446.72
49	Compliance	UA	09/27/2025	22.54	446.02
49	Compliance	UA	10/27/2025	21.91	446.65
49	Compliance	UA	11/17/2025	21.59	446.97
49	Compliance	UA	12/17/2025	22.53	446.03
50	Compliance	UA	01/16/2025	[19.45]	[444.95]
50	Compliance	UA	02/07/2025	DM ⁷	DM ⁷
50	Compliance	UA	03/07/2025	DM ⁷	DM ⁷
50	Compliance	UA	04/07/2025	17.64	446.76
50	Compliance	UA	05/14/2025	18.29	446.10
50	Compliance	UA	06/14/2025	18.31	446.08
50	Compliance	UA	07/14/2025	18.82	445.58
50	Compliance	UA	08/27/2025	18.68	445.71
50	Compliance	UA	09/27/2025	19.26	445.13
50	Compliance	UA	10/27/2025	18.61	445.79
50	Compliance	UA	11/17/2025	18.56	445.83
50	Compliance	UA	12/17/2025	19.15	445.25
51	Compliance	UA	01/13/2025	19.94	445.10
51	Compliance	UA	02/07/2025	19.88	445.15
51	Compliance	UA	03/07/2025	19.53	445.50
51	Compliance	UA	04/07/2025	18.22	446.82
51	Compliance	UA	05/14/2025	18.46	446.58
51	Compliance	UA	06/14/2025	18.61	446.43
51	Compliance	UA	07/14/2025	19.10	445.94
51	Compliance	UA	08/27/2025	18.74	446.29
51	Compliance	UA	09/27/2025	19.46	445.57
51	Compliance	UA	10/27/2025	18.83	446.21
51	Compliance	UA	11/17/2025	18.59	446.45
51	Compliance	UA	12/17/2025	19.45	445.59

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

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.
NAVD88 = North American Vertical Datum of 1988
Monitored Unit Abbreviations:
UA = uppermost aquifer

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ATTACHMENT B
COMPARISON TO BACKGROUND

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
21/21R	UA	E008	Antimony, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.003	0.001
21/21R	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/16/25	35	0	CB around linear reg	0.0239	0.001
21/21R	UA	E008	Barium, total	mg/L	12/10/15 - 01/16/25	34	0	CB around linear reg	0.306	0.156
21/21R	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.001	0.001
21/21R	UA	E008	Boron, total	mg/L	12/10/15 - 01/16/25	35	0	CB around T-S line	1.57	0.205
21/21R	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.0005	0.001
21/21R	UA	E008	Chloride, total	mg/L	12/10/15 - 01/16/25	37	0	CB around linear reg	98.6	108
21/21R	UA	E008	Chromium, total	mg/L	12/10/15 - 01/16/25	34	67	CB around T-S line	0.00188	0.00130
21/21R	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/16/25	34	72	CI around median	0.001	0.00170
21/21R	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/16/25	35	8	CI around median	0.14	0.170
21/21R	UA	E008	Lead, total	mg/L	12/10/15 - 01/16/25	34	47	CB around T-S line	0.001	0.001
21/21R	UA	E008	Lithium, total	mg/L	12/10/15 - 01/16/25	34	0	CB around linear reg	0.0234	0.0140
21/21R	UA	E008	Mercury, total	mg/L	12/10/15 - 01/16/25	34	97	CI around median	0.0002	0.0002
21/21R	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/16/25	34	3	CB around linear reg	0.00779	0.00200
21/21R	UA	E008	pH (field)	SU	12/10/15 - 01/16/25	37	0	CI around mean	7.4/7.5	6.7/7.4
21/21R	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/16/25	27	0	CI around mean	0.889	2.60
21/21R	UA	E008	Selenium, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.0025	0.00110
21/21R	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/16/25	37	0	CB around T-S line	33.1	117
21/21R	UA	E008	Thallium, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.002	0.001
21/21R	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/16/25	35	0	CB around T-S line	630	830
22	UA	E008	Antimony, total	mg/L	12/10/15 - 01/15/25	37	92	CB around T-S line	0.001	0.001
22	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/15/25	41	74	CI around median	0.001	0.001
22	UA	E008	Barium, total	mg/L	12/10/15 - 01/15/25	37	0	CB around T-S line	0.0538	0.156
22	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/15/25	37	100	All ND - Last	0.001	0.001
22	UA	E008	Boron, total	mg/L	12/10/15 - 01/15/25	42	0	CB around T-S line	2.83	0.205
22	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/15/25	37	8	CI around median	0.0047	0.001
22	UA	E008	Chloride, total	mg/L	12/10/15 - 01/15/25	44	0	CB around T-S line	91.1	108

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
22	UA	E008	Chromium, total	mg/L	12/10/15 - 01/15/25	37	100	All ND - Last	0.005	0.00130
22	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/15/25	37	8	CI around mean	0.00193	0.00170
22	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/15/25	37	5	CI around median	0.15	0.170
22	UA	E008	Lead, total	mg/L	12/10/15 - 01/15/25	37	97	CB around T-S line	0.001	0.001
22	UA	E008	Lithium, total	mg/L	12/10/15 - 01/15/25	41	0	CB around T-S line	0.0441	0.0140
22	UA	E008	Mercury, total	mg/L	12/10/15 - 01/15/25	35	100	All ND - Last	0.0002	0.0002
22	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/15/25	41	0	CB around T-S line	0.0482	0.00200
22	UA	E008	pH (field)	SU	12/10/15 - 01/15/25	40	0	CI around median	7.6/7.7	6.7/7.4
22	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/15/25	28	0	CI around mean	0.368	2.60
22	UA	E008	Selenium, total	mg/L	12/10/15 - 01/15/25	37	5	CI around mean	0.0132	0.00110
22	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/15/25	44	0	CB around linear reg	89.8	117
22	UA	E008	Thallium, total	mg/L	12/10/15 - 01/15/25	37	95	CB around T-S line	0.002	0.001
22	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/15/25	44	0	CB around linear reg	579	830
22D	UA	E008	Antimony, total	mg/L	09/17/19 - 01/15/25	21	100	All ND - Last	0.003	0.001
22D	UA	E008	Arsenic, total	mg/L	09/17/19 - 01/15/25	21	19	CI around median	0.0012	0.001
22D	UA	E008	Barium, total	mg/L	09/17/19 - 01/15/25	21	0	CB around T-S line	0.0652	0.156
22D	UA	E008	Beryllium, total	mg/L	09/17/19 - 01/15/25	20	100	All ND - Last	0.001	0.001
22D	UA	E008	Boron, total	mg/L	09/17/19 - 01/15/25	21	0	CB around linear reg	1.09	0.205
22D	UA	E008	Cadmium, total	mg/L	09/17/19 - 01/15/25	21	100	All ND - Last	0.0005	0.001
22D	UA	E008	Chloride, total	mg/L	09/17/19 - 01/15/25	21	0	CI around mean	91.8	108
22D	UA	E008	Chromium, total	mg/L	09/17/19 - 01/15/25	21	90	CB around T-S line	0.0015	0.00130
22D	UA	E008	Cobalt, total	mg/L	09/17/19 - 01/15/25	21	95	CI around median	0.001	0.00170
22D	UA	E008	Fluoride, total	mg/L	09/17/19 - 01/15/25	21	10	CI around median	0.11	0.170
22D	UA	E008	Lead, total	mg/L	09/17/19 - 01/15/25	21	90	CB around T-S line	0.000401	0.001
22D	UA	E008	Lithium, total	mg/L	09/17/19 - 01/15/25	21	0	CI around mean	0.015	0.0140
22D	UA	E008	Mercury, total	mg/L	12/11/19 - 01/15/25	20	100	All ND - Last	0.0002	0.0002
22D	UA	E008	Molybdenum, total	mg/L	09/17/19 - 01/15/25	21	5	CB around T-S line	0.00541	0.00200

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 1, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
22D	UA	E008	pH (field)	SU	09/17/19 - 01/15/25	24	0	CI around mean	7.2/7.3	6.7/7.4
22D	UA	E008	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 01/15/25	18	0	CI around mean	0.864	2.60
22D	UA	E008	Selenium, total	mg/L	09/17/19 - 01/15/25	21	100	All ND - Last	0.0025	0.00110
22D	UA	E008	Sulfate, total	mg/L	09/17/19 - 01/15/25	21	0	CB around linear reg	84.7	117
22D	UA	E008	Thallium, total	mg/L	09/17/19 - 01/15/25	21	100	All ND - Last	0.002	0.001
22D	UA	E008	Total Dissolved Solids	mg/L	09/17/19 - 01/15/25	21	0	CI around mean	613	830
23	UA	E008	Antimony, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.003	0.001
23	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/17/25	41	91	CB around T-S line	0.001	0.001
23	UA	E008	Barium, total	mg/L	12/10/15 - 01/17/25	37	0	CB around T-S line	0.0366	0.156
23	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.001	0.001
23	UA	E008	Boron, total	mg/L	12/10/15 - 01/17/25	42	0	CB around T-S line	8.51	0.205
23	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.0005	0.001
23	UA	E008	Chloride, total	mg/L	12/10/15 - 01/17/25	44	1	CB around linear reg	52.5	108
23	UA	E008	Chromium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.005	0.00130
23	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.001	0.00170
23	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/17/25	37	5	CI around median	0.15	0.170
23	UA	E008	Lead, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.0005	0.001
23	UA	E008	Lithium, total	mg/L	12/10/15 - 01/17/25	41	12	CI around median	0.0048	0.0140
23	UA	E008	Mercury, total	mg/L	12/10/15 - 01/17/25	35	100	All ND - Last	0.0002	0.0002
23	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/17/25	41	0	CI around median	0.0147	0.00200
23	UA	E008	pH (field)	SU	12/10/15 - 01/17/25	39	0	CI around mean	7.4/7.5	6.7/7.4
23	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/17/25	28	0	CI around mean	0.256	2.60
23	UA	E008	Selenium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.0025	0.00110
23	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/17/25	44	0	CI around median	421	117
23	UA	E008	Thallium, total	mg/L	12/10/15 - 01/17/25	37	100	All ND - Last	0.002	0.001
23	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/17/25	44	0	CI around mean	890	830
24/51	UA	E008	Antimony, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.003	0.001

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
24/51	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/16/25	40	0	CI around mean	0.0205	0.001
24/51	UA	E008	Barium, total	mg/L	12/10/15 - 01/16/25	35	0	CB around T-S line	0.107	0.156
24/51	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.001	0.001
24/51	UA	E008	Boron, total	mg/L	12/10/15 - 01/16/25	40	0	CB around linear reg	1.17	0.205
24/51	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.0005	0.001
24/51	UA	E008	Chloride, total	mg/L	12/10/15 - 01/16/25	42	0	CB around linear reg	105	108
24/51	UA	E008	Chromium, total	mg/L	12/10/15 - 01/16/25	35	78	CB around T-S line	0.0018	0.00130
24/51	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/16/25	35	76	CI around median	0.001	0.00170
24/51	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/16/25	35	5	CB around T-S line	0.122	0.170
24/51	UA	E008	Lead, total	mg/L	12/10/15 - 01/16/25	35	60	CI around median	0.001	0.001
24/51	UA	E008	Lithium, total	mg/L	12/10/15 - 01/16/25	39	0	CB around T-S line	0.0236	0.0140
24/51	UA	E008	Mercury, total	mg/L	12/10/15 - 01/16/25	34	100	All ND - Last	0.0002	0.0002
24/51	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/16/25	39	3	CB around linear reg	0.00741	0.00200
24/51	UA	E008	pH (field)	SU	12/10/15 - 01/16/25	37	0	CB around linear reg	7.2/7.4	6.7/7.4
24/51	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/16/25	27	0	CB around linear reg	1.2	2.60
24/51	UA	E008	Selenium, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.0025	0.00110
24/51	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/16/25	42	0	CB around linear reg	77.2	117
24/51	UA	E008	Thallium, total	mg/L	12/10/15 - 01/16/25	35	100	All ND - Last	0.002	0.001
24/51	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/16/25	42	0	CI around mean	623	830
27	UA	E008	Antimony, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.003	0.001
27	UA	E008	Arsenic, total	mg/L	09/12/18 - 01/14/25	24	58	CI around median	0.001	0.001
27	UA	E008	Barium, total	mg/L	09/12/18 - 01/14/25	24	0	CI around median	0.0837	0.156
27	UA	E008	Beryllium, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.001	0.001
27	UA	E008	Boron, total	mg/L	09/12/18 - 01/14/25	24	0	CB around linear reg	1.47	0.205
27	UA	E008	Cadmium, total	mg/L	09/12/18 - 01/14/25	24	96	CI around median	0.001	0.001
27	UA	E008	Chloride, total	mg/L	03/08/16 - 01/14/25	29	0	CI around median	89	108
27	UA	E008	Chromium, total	mg/L	09/12/18 - 01/14/25	24	81	CB around T-S line	0.0015	0.00130

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
27	UA	E008	Cobalt, total	mg/L	09/12/18 - 01/14/25	24	8	CI around mean	0.00194	0.00170
27	UA	E008	Fluoride, total	mg/L	09/12/18 - 01/14/25	24	4	CI around median	0.12	0.170
27	UA	E008	Lead, total	mg/L	09/12/18 - 01/14/25	24	50	CI around median	0.001	0.001
27	UA	E008	Lithium, total	mg/L	09/12/18 - 01/14/25	24	0	CI around mean	0.0215	0.0140
27	UA	E008	Mercury, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.0002	0.0002
27	UA	E008	Molybdenum, total	mg/L	09/12/18 - 01/14/25	24	33	CI around median	0.0044	0.00200
27	UA	E008	pH (field)	SU	03/08/16 - 01/14/25	29	0	CI around mean	7.1/7.2	6.7/7.4
27	UA	E008	Radium 226 + Radium 228, total	pCi/L	09/12/18 - 01/14/25	18	0	CI around geomean	0.24	2.60
27	UA	E008	Selenium, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.0025	0.00110
27	UA	E008	Sulfate, total	mg/L	03/08/16 - 01/14/25	29	0	CB around linear reg	88.4	117
27	UA	E008	Thallium, total	mg/L	09/12/18 - 01/14/25	24	100	All ND - Last	0.002	0.001
27	UA	E008	Total Dissolved Solids	mg/L	03/08/16 - 01/14/25	29	0	CI around median	648	830
35	UA	E008	Antimony, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.003	0.001
35	UA	E008	Arsenic, total	mg/L	12/09/15 - 01/16/25	36	78	CI around median	0.001	0.001
35	UA	E008	Barium, total	mg/L	12/09/15 - 01/16/25	36	0	CI around mean	0.0416	0.156
35	UA	E008	Beryllium, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.001	0.001
35	UA	E008	Boron, total	mg/L	12/09/15 - 01/16/25	37	0	CB around linear reg	12.2	0.205
35	UA	E008	Cadmium, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.0005	0.001
35	UA	E008	Chloride, total	mg/L	12/09/15 - 01/16/25	37	0	CB around linear reg	15.3	108
35	UA	E008	Chromium, total	mg/L	12/09/15 - 01/16/25	36	97	CB around T-S line	0.0015	0.00130
35	UA	E008	Cobalt, total	mg/L	12/09/15 - 01/16/25	36	42	CI around median	0.001	0.00170
35	UA	E008	Fluoride, total	mg/L	12/09/15 - 01/16/25	37	3	CI around median	0.17	0.170
35	UA	E008	Lead, total	mg/L	12/09/15 - 01/16/25	36	92	CB around T-S line	0.000727	0.001
35	UA	E008	Lithium, total	mg/L	12/09/15 - 01/16/25	36	0	CI around mean	0.0246	0.0140
35	UA	E008	Mercury, total	mg/L	12/09/15 - 01/16/25	35	100	All ND - Last	0.0002	0.0002
35	UA	E008	Molybdenum, total	mg/L	12/09/15 - 01/16/25	36	0	CB around linear reg	0.0509	0.00200
35	UA	E008	pH (field)	SU	12/09/15 - 01/16/25	37	0	CB around linear reg	6.8/7.0	6.7/7.4

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
35	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 01/16/25	29	0	CI around median	0.31	2.60
35	UA	E008	Selenium, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.0025	0.00110
35	UA	E008	Sulfate, total	mg/L	12/09/15 - 01/16/25	37	0	CB around linear reg	720	117
35	UA	E008	Thallium, total	mg/L	12/09/15 - 01/16/25	36	100	All ND - Last	0.002	0.001
35	UA	E008	Total Dissolved Solids	mg/L	12/09/15 - 01/16/25	37	0	CB around linear reg	1,360	830
49	UA	E008	Antimony, total	mg/L	12/10/15 - 01/17/25	36	100	All ND - Last	0.003	0.001
49	UA	E008	Arsenic, total	mg/L	12/10/15 - 01/17/25	36	97	CI around median	0.001	0.001
49	UA	E008	Barium, total	mg/L	12/10/15 - 01/17/25	36	0	CB around T-S line	0.0622	0.156
49	UA	E008	Beryllium, total	mg/L	12/10/15 - 01/17/25	36	100	All ND - Last	0.001	0.001
49	UA	E008	Boron, total	mg/L	12/10/15 - 01/17/25	37	0	CB around linear reg	0.425	0.205
49	UA	E008	Cadmium, total	mg/L	12/10/15 - 01/17/25	36	25	CI around geomean	0.00107	0.001
49	UA	E008	Chloride, total	mg/L	12/10/15 - 01/17/25	37	0	CI around median	100	108
49	UA	E008	Chromium, total	mg/L	12/10/15 - 01/17/25	36	97	CB around T-S line	0.0015	0.00130
49	UA	E008	Cobalt, total	mg/L	12/10/15 - 01/17/25	36	0	CI around mean	0.00421	0.00170
49	UA	E008	Fluoride, total	mg/L	12/10/15 - 01/17/25	37	3	CI around median	0.15	0.170
49	UA	E008	Lead, total	mg/L	12/10/15 - 01/17/25	36	92	CI around median	0.001	0.001
49	UA	E008	Lithium, total	mg/L	12/10/15 - 01/17/25	36	0	CI around mean	0.024	0.0140
49	UA	E008	Mercury, total	mg/L	12/10/15 - 01/17/25	35	100	All ND - Last	0.0002	0.0002
49	UA	E008	Molybdenum, total	mg/L	12/10/15 - 01/17/25	36	0	CB around T-S line	0.0191	0.00200
49	UA	E008	pH (field)	SU	12/10/15 - 01/17/25	38	0	CI around mean	7.1/7.2	6.7/7.4
49	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 01/17/25	29	0	CI around mean	0.353	2.60
49	UA	E008	Selenium, total	mg/L	12/10/15 - 01/17/25	36	100	All ND - Last	0.0025	0.00110
49	UA	E008	Sulfate, total	mg/L	12/10/15 - 01/17/25	37	0	CB around linear reg	68.4	117
49	UA	E008	Thallium, total	mg/L	12/10/15 - 01/17/25	36	100	All ND - Last	0.002	0.001
49	UA	E008	Total Dissolved Solids	mg/L	12/10/15 - 01/17/25	37	0	CB around linear reg	578	830
50	UA	E008	Antimony, total	mg/L	09/17/19 - 01/16/25	21	100	All ND - Last	0.003	0.001
50	UA	E008	Arsenic, total	mg/L	09/17/19 - 01/16/25	21	90	CI around median	0.001	0.001

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
50	UA	E008	Barium, total	mg/L	09/17/19 - 01/16/25	21	0	CI around mean	0.0855	0.156
50	UA	E008	Beryllium, total	mg/L	09/17/19 - 01/16/25	20	100	All ND - Last	0.001	0.001
50	UA	E008	Boron, total	mg/L	09/17/19 - 01/16/25	21	0	CI around geomean	0.736	0.205
50	UA	E008	Cadmium, total	mg/L	09/17/19 - 01/16/25	21	5	CI around geomean	0.00109	0.001
50	UA	E008	Chloride, total	mg/L	09/17/19 - 01/16/25	21	0	CI around mean	86.5	108
50	UA	E008	Chromium, total	mg/L	09/17/19 - 01/16/25	21	100	All ND - Last	0.005	0.00130
50	UA	E008	Cobalt, total	mg/L	09/17/19 - 01/16/25	21	0	CI around mean	0.00405	0.00170
50	UA	E008	Fluoride, total	mg/L	09/17/19 - 01/16/25	21	19	CB around T-S line	0.115	0.170
50	UA	E008	Lead, total	mg/L	09/17/19 - 01/16/25	21	95	CB around T-S line	0.000499	0.001
50	UA	E008	Lithium, total	mg/L	09/17/19 - 01/16/25	21	0	CB around T-S line	0.02	0.0140
50	UA	E008	Mercury, total	mg/L	12/11/19 - 01/16/25	20	100	All ND - Last	0.0002	0.0002
50	UA	E008	Molybdenum, total	mg/L	09/17/19 - 01/16/25	21	0	CB around T-S line	0.0348	0.00200
50	UA	E008	pH (field)	SU	09/17/19 - 01/16/25	24	0	CB around linear reg	7.4/7.7	6.7/7.4
50	UA	E008	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 01/16/25	17	0	CI around mean	0.642	2.60
50	UA	E008	Selenium, total	mg/L	09/17/19 - 01/16/25	21	100	All ND - Last	0.0025	0.00110
50	UA	E008	Sulfate, total	mg/L	09/17/19 - 01/16/25	21	0	CI around geomean	90.1	117
50	UA	E008	Thallium, total	mg/L	09/17/19 - 01/16/25	21	100	All ND - Last	0.002	0.001
50	UA	E008	Total Dissolved Solids	mg/L	09/17/19 - 01/16/25	21	0	CI around mean	611	830

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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 Dynegy Midwest Generation, LLC’s (DMG’s) operating permit application for the West Ash Pond System. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and, therefore, DMG has not identified any actual exceedances.

Events:

E008 = Quarter 1, 2025 sampling event

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

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

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 2, 2025
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
21/21R	UA	E009	Antimony, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.003	0.001
21/21R	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/08/25	36	0	CB around linear reg	0.0241	0.001
21/21R	UA	E009	Barium, total	mg/L	12/10/15 - 04/08/25	35	0	CB around linear reg	0.306	0.156
21/21R	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.001	0.001
21/21R	UA	E009	Boron, total	mg/L	12/10/15 - 04/08/25	36	0	CB around T-S line	1.62	0.205
21/21R	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.0005	0.001
21/21R	UA	E009	Chloride, total	mg/L	12/10/15 - 04/08/25	38	0	CB around linear reg	99.2	108
21/21R	UA	E009	Chromium, total	mg/L	12/10/15 - 04/08/25	35	66	CB around T-S line	0.00192	0.00130
21/21R	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/08/25	35	71	CI around median	0.001	0.00170
21/21R	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/08/25	36	8	CI around median	0.14	0.170
21/21R	UA	E009	Lead, total	mg/L	12/10/15 - 04/08/25	35	46	CI around median	0.001	0.001
21/21R	UA	E009	Lithium, total	mg/L	12/10/15 - 04/08/25	35	0	CB around linear reg	0.0239	0.0140
21/21R	UA	E009	Mercury, total	mg/L	12/10/15 - 04/08/25	35	97	CI around median	0.0002	0.0002
21/21R	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/08/25	35	3	CB around linear reg	0.00787	0.00200
21/21R	UA	E009	pH (field)	SU	12/10/15 - 04/08/25	38	0	CI around mean	7.4/7.5	6.7/7.4
21/21R	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/08/25	28	0	CI around mean	0.89	2.60
21/21R	UA	E009	Selenium, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.0025	0.00110
21/21R	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/08/25	38	0	CB around T-S line	37.2	117
21/21R	UA	E009	Thallium, total	mg/L	12/10/15 - 04/08/25	35	100	All ND - Last	0.002	0.001
21/21R	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/08/25	36	0	CB around T-S line	619	830
22	UA	E009	Antimony, total	mg/L	12/10/15 - 04/09/25	38	92	CB around T-S line	0.001	0.001
22	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/09/25	42	74	CI around median	0.001	0.001
22	UA	E009	Barium, total	mg/L	12/10/15 - 04/09/25	38	0	CB around T-S line	0.0542	0.156
22	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.001	0.001
22	UA	E009	Boron, total	mg/L	12/10/15 - 04/09/25	43	0	CB around T-S line	2.54	0.205
22	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/09/25	38	3	CI around median	0.0047	0.001
22	UA	E009	Chloride, total	mg/L	12/10/15 - 04/09/25	45	0	CB around T-S line	91.1	108

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
22	UA	E009	Chromium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.005	0.00130
22	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/09/25	38	3	CI around median	0.002	0.00170
22	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/09/25	38	5	CI around median	0.15	0.170
22	UA	E009	Lead, total	mg/L	12/10/15 - 04/09/25	38	97	CB around T-S line	0.000928	0.001
22	UA	E009	Lithium, total	mg/L	12/10/15 - 04/09/25	42	0	CB around T-S line	0.0442	0.0140
22	UA	E009	Mercury, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0002	0.0002
22	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/09/25	42	0	CB around T-S line	0.0467	0.00200
22	UA	E009	pH (field)	SU	12/10/15 - 04/09/25	41	0	CI around median	7.6/7.7	6.7/7.4
22	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/09/25	29	0	CI around mean	0.38	2.60
22	UA	E009	Selenium, total	mg/L	12/10/15 - 04/09/25	38	0	CI around mean	0.0132	0.00110
22	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/09/25	45	0	CB around linear reg	88	117
22	UA	E009	Thallium, total	mg/L	12/10/15 - 04/09/25	38	95	CB around T-S line	0.002	0.001
22	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/09/25	45	0	CB around linear reg	580	830
22D	UA	E009	Antimony, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.003	0.001
22D	UA	E009	Arsenic, total	mg/L	09/17/19 - 04/09/25	22	23	CI around median	0.0011	0.001
22D	UA	E009	Barium, total	mg/L	09/17/19 - 04/09/25	22	0	CB around T-S line	0.0667	0.156
22D	UA	E009	Beryllium, total	mg/L	09/17/19 - 04/09/25	21	100	All ND - Last	0.001	0.001
22D	UA	E009	Boron, total	mg/L	09/17/19 - 04/09/25	22	0	CB around linear reg	1.06	0.205
22D	UA	E009	Cadmium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.0005	0.001
22D	UA	E009	Chloride, total	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	91.9	108
22D	UA	E009	Chromium, total	mg/L	09/17/19 - 04/09/25	22	91	CB around T-S line	0.0015	0.00130
22D	UA	E009	Cobalt, total	mg/L	09/17/19 - 04/09/25	22	96	CI around median	0.001	0.00170
22D	UA	E009	Fluoride, total	mg/L	09/17/19 - 04/09/25	22	9	CI around median	0.11	0.170
22D	UA	E009	Lead, total	mg/L	09/17/19 - 04/09/25	22	91	CB around T-S line	0.000344	0.001
22D	UA	E009	Lithium, total	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	0.0151	0.0140
22D	UA	E009	Mercury, total	mg/L	12/11/19 - 04/09/25	21	100	All ND - Last	0.0002	0.0002
22D	UA	E009	Molybdenum, total	mg/L	09/17/19 - 04/09/25	22	4	CB around T-S line	0.00565	0.00200

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WEST ASH POND SYSTEM
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
22D	UA	E009	pH (field)	SU	09/17/19 - 04/09/25	25	0	CI around mean	7.2/7.3	6.7/7.4
22D	UA	E009	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 04/09/25	19	0	CI around mean	0.872	2.60
22D	UA	E009	Selenium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.0025	0.00110
22D	UA	E009	Sulfate, total	mg/L	09/17/19 - 04/09/25	22	0	CB around linear reg	83.2	117
22D	UA	E009	Thallium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.002	0.001
22D	UA	E009	Total Dissolved Solids	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	615	830
23	UA	E009	Antimony, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.003	0.001
23	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/09/25	42	90	CB around T-S line	0.001	0.001
23	UA	E009	Barium, total	mg/L	12/10/15 - 04/09/25	38	0	CB around T-S line	0.0376	0.156
23	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.001	0.001
23	UA	E009	Boron, total	mg/L	12/10/15 - 04/09/25	43	0	CB around T-S line	8.52	0.205
23	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.0005	0.001
23	UA	E009	Chloride, total	mg/L	12/10/15 - 04/09/25	45	0	CB around linear reg	52.4	108
23	UA	E009	Chromium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.005	0.00130
23	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.001	0.00170
23	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/09/25	38	5	CI around median	0.15	0.170
23	UA	E009	Lead, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.0005	0.001
23	UA	E009	Lithium, total	mg/L	12/10/15 - 04/09/25	42	12	CI around median	0.0048	0.0140
23	UA	E009	Mercury, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0002	0.0002
23	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/09/25	42	0	CI around median	0.0147	0.00200
23	UA	E009	pH (field)	SU	12/10/15 - 04/09/25	40	0	CI around mean	7.4/7.5	6.7/7.4
23	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/09/25	29	0	CI around mean	0.261	2.60
23	UA	E009	Selenium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.0025	0.00110
23	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/09/25	45	0	CI around median	420	117
23	UA	E009	Thallium, total	mg/L	12/10/15 - 04/09/25	38	100	All ND - Last	0.002	0.001
23	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/09/25	45	0	CI around mean	889	830
24/51	UA	E009	Antimony, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.003	0.001

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
24/51	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/09/25	41	0	CI around mean	0.0205	0.001
24/51	UA	E009	Barium, total	mg/L	12/10/15 - 04/09/25	36	0	CB around T-S line	0.11	0.156
24/51	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.001	0.001
24/51	UA	E009	Boron, total	mg/L	12/10/15 - 04/09/25	41	0	CB around linear reg	1.14	0.205
24/51	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0005	0.001
24/51	UA	E009	Chloride, total	mg/L	12/10/15 - 04/09/25	43	0	CB around linear reg	104	108
24/51	UA	E009	Chromium, total	mg/L	12/10/15 - 04/09/25	36	78	CB around T-S line	0.00179	0.00130
24/51	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/09/25	36	75	CI around median	0.001	0.00170
24/51	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/09/25	36	6	CI around median	0.14	0.170
24/51	UA	E009	Lead, total	mg/L	12/10/15 - 04/09/25	36	58	CI around median	0.001	0.001
24/51	UA	E009	Lithium, total	mg/L	12/10/15 - 04/09/25	40	0	CB around T-S line	0.0237	0.0140
24/51	UA	E009	Mercury, total	mg/L	12/10/15 - 04/09/25	35	100	All ND - Last	0.0002	0.0002
24/51	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/09/25	40	2	CB around linear reg	0.00736	0.00200
24/51	UA	E009	pH (field)	SU	12/10/15 - 04/09/25	38	0	CB around linear reg	7.2/7.4	6.7/7.4
24/51	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/09/25	28	0	CB around linear reg	1.2	2.60
24/51	UA	E009	Selenium, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0025	0.00110
24/51	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/09/25	43	0	CB around linear reg	76	117
24/51	UA	E009	Thallium, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.002	0.001
24/51	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/09/25	43	0	CI around median	630	830
27	UA	E009	Antimony, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.003	0.001
27	UA	E009	Arsenic, total	mg/L	09/12/18 - 04/08/25	25	52	CI around median	0.001	0.001
27	UA	E009	Barium, total	mg/L	09/12/18 - 04/08/25	25	0	CI around median	0.0837	0.156
27	UA	E009	Beryllium, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.001	0.001
27	UA	E009	Boron, total	mg/L	09/12/18 - 04/08/25	25	0	CI around median	2.27	0.205
27	UA	E009	Cadmium, total	mg/L	09/12/18 - 04/08/25	25	96	CB around T-S line	0.000372	0.001
27	UA	E009	Chloride, total	mg/L	03/08/16 - 04/08/25	30	0	CI around median	89	108
27	UA	E009	Chromium, total	mg/L	09/12/18 - 04/08/25	25	80	CB around T-S line	0.0015	0.00130

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
27	UA	E009	Cobalt, total	mg/L	09/12/18 - 04/08/25	25	0	CI around mean	0.00192	0.00170
27	UA	E009	Fluoride, total	mg/L	09/12/18 - 04/08/25	25	4	CI around median	0.12	0.170
27	UA	E009	Lead, total	mg/L	09/12/18 - 04/08/25	25	48	CI around median	0.00094	0.001
27	UA	E009	Lithium, total	mg/L	09/12/18 - 04/08/25	25	0	CI around mean	0.0214	0.0140
27	UA	E009	Mercury, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.0002	0.0002
27	UA	E009	Molybdenum, total	mg/L	09/12/18 - 04/08/25	25	36	CI around median	0.0044	0.00200
27	UA	E009	pH (field)	SU	03/08/16 - 04/08/25	30	0	CI around mean	7.1/7.2	6.7/7.4
27	UA	E009	Radium 226 + Radium 228, total	pCi/L	09/12/18 - 04/08/25	19	0	CI around geomean	0.25	2.60
27	UA	E009	Selenium, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.0025	0.00110
27	UA	E009	Sulfate, total	mg/L	03/08/16 - 04/08/25	30	0	CB around linear reg	90.7	117
27	UA	E009	Thallium, total	mg/L	09/12/18 - 04/08/25	25	100	All ND - Last	0.002	0.001
27	UA	E009	Total Dissolved Solids	mg/L	03/08/16 - 04/08/25	30	0	CI around median	648	830
35	UA	E009	Antimony, total	mg/L	12/09/15 - 04/08/25	37	100	All ND - Last	0.003	0.001
35	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/08/25	37	78	CI around median	0.001	0.001
35	UA	E009	Barium, total	mg/L	12/09/15 - 04/08/25	37	0	CI around mean	0.0415	0.156
35	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/08/25	37	100	All ND - Last	0.001	0.001
35	UA	E009	Boron, total	mg/L	12/09/15 - 04/08/25	38	0	CB around linear reg	11.3	0.205
35	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/08/25	37	100	All ND - Last	0.0005	0.001
35	UA	E009	Chloride, total	mg/L	12/09/15 - 04/08/25	38	0	CB around T-S line	17	108
35	UA	E009	Chromium, total	mg/L	12/09/15 - 04/08/25	37	97	CB around T-S line	0.0015	0.00130
35	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/08/25	37	43	CI around median	0.001	0.00170
35	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/08/25	38	3	CI around median	0.17	0.170
35	UA	E009	Lead, total	mg/L	12/09/15 - 04/08/25	37	89	CB around T-S line	0.000724	0.001
35	UA	E009	Lithium, total	mg/L	12/09/15 - 04/08/25	37	0	CI around mean	0.0242	0.0140
35	UA	E009	Mercury, total	mg/L	12/09/15 - 04/08/25	36	100	All ND - Last	0.0002	0.0002
35	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/08/25	37	0	CB around linear reg	0.0488	0.00200
35	UA	E009	pH (field)	SU	12/09/15 - 04/08/25	38	0	CB around linear reg	6.7/7.0	6.7/7.4

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
35	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/08/25	30	0	CI around median	0.31	2.60
35	UA	E009	Selenium, total	mg/L	12/09/15 - 04/08/25	37	97	CB around T-S line	0.001	0.00110
35	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/08/25	38	0	CB around linear reg	669	117
35	UA	E009	Thallium, total	mg/L	12/09/15 - 04/08/25	37	100	All ND - Last	0.002	0.001
35	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/08/25	38	0	CB around linear reg	1,300	830
49	UA	E009	Antimony, total	mg/L	12/10/15 - 04/09/25	37	100	All ND - Last	0.003	0.001
49	UA	E009	Arsenic, total	mg/L	12/10/15 - 04/09/25	37	97	CI around median	0.001	0.001
49	UA	E009	Barium, total	mg/L	12/10/15 - 04/09/25	37	0	CB around T-S line	0.0623	0.156
49	UA	E009	Beryllium, total	mg/L	12/10/15 - 04/09/25	37	100	All ND - Last	0.001	0.001
49	UA	E009	Boron, total	mg/L	12/10/15 - 04/09/25	38	0	CB around linear reg	0.416	0.205
49	UA	E009	Cadmium, total	mg/L	12/10/15 - 04/09/25	37	24	CI around geomean	0.00106	0.001
49	UA	E009	Chloride, total	mg/L	12/10/15 - 04/09/25	38	0	CI around median	100	108
49	UA	E009	Chromium, total	mg/L	12/10/15 - 04/09/25	37	97	CB around T-S line	0.0015	0.00130
49	UA	E009	Cobalt, total	mg/L	12/10/15 - 04/09/25	37	0	CI around mean	0.00415	0.00170
49	UA	E009	Fluoride, total	mg/L	12/10/15 - 04/09/25	38	3	CI around median	0.15	0.170
49	UA	E009	Lead, total	mg/L	12/10/15 - 04/09/25	37	92	CI around median	0.001	0.001
49	UA	E009	Lithium, total	mg/L	12/10/15 - 04/09/25	37	0	CI around mean	0.0241	0.0140
49	UA	E009	Mercury, total	mg/L	12/10/15 - 04/09/25	36	100	All ND - Last	0.0002	0.0002
49	UA	E009	Molybdenum, total	mg/L	12/10/15 - 04/09/25	37	0	CB around T-S line	0.0178	0.00200
49	UA	E009	pH (field)	SU	12/10/15 - 04/09/25	39	0	CI around mean	7.1/7.2	6.7/7.4
49	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 04/09/25	30	0	CI around mean	0.357	2.60
49	UA	E009	Selenium, total	mg/L	12/10/15 - 04/09/25	37	100	All ND - Last	0.0025	0.00110
49	UA	E009	Sulfate, total	mg/L	12/10/15 - 04/09/25	38	0	CB around linear reg	69	117
49	UA	E009	Thallium, total	mg/L	12/10/15 - 04/09/25	37	100	All ND - Last	0.002	0.001
49	UA	E009	Total Dissolved Solids	mg/L	12/10/15 - 04/09/25	38	0	CB around linear reg	578	830
50	UA	E009	Antimony, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.003	0.001
50	UA	E009	Arsenic, total	mg/L	09/17/19 - 04/09/25	22	91	CI around median	0.001	0.001

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
50	UA	E009	Barium, total	mg/L	09/17/19 - 04/09/25	22	0	CB around linear reg	0.0659	0.156
50	UA	E009	Beryllium, total	mg/L	09/17/19 - 04/09/25	21	100	All ND - Last	0.001	0.001
50	UA	E009	Boron, total	mg/L	09/17/19 - 04/09/25	22	0	CI around median	0.72	0.205
50	UA	E009	Cadmium, total	mg/L	09/17/19 - 04/09/25	22	4	CI around geomean	0.0011	0.001
50	UA	E009	Chloride, total	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	86.2	108
50	UA	E009	Chromium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.005	0.00130
50	UA	E009	Cobalt, total	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	0.00394	0.00170
50	UA	E009	Fluoride, total	mg/L	09/17/19 - 04/09/25	22	18	CB around T-S line	0.119	0.170
50	UA	E009	Lead, total	mg/L	09/17/19 - 04/09/25	22	96	CB around T-S line	0.000349	0.001
50	UA	E009	Lithium, total	mg/L	09/17/19 - 04/09/25	22	0	CB around T-S line	0.0236	0.0140
50	UA	E009	Mercury, total	mg/L	12/11/19 - 04/09/25	21	100	All ND - Last	0.0002	0.0002
50	UA	E009	Molybdenum, total	mg/L	09/17/19 - 04/09/25	22	0	CB around T-S line	0.0349	0.00200
50	UA	E009	pH (field)	SU	09/17/19 - 04/09/25	25	0	CB around linear reg	7.4/7.7	6.7/7.4
50	UA	E009	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 04/09/25	18	0	CI around mean	0.617	2.60
50	UA	E009	Selenium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.0025	0.00110
50	UA	E009	Sulfate, total	mg/L	09/17/19 - 04/09/25	22	0	CI around geomean	91.1	117
50	UA	E009	Thallium, total	mg/L	09/17/19 - 04/09/25	22	100	All ND - Last	0.002	0.001
50	UA	E009	Total Dissolved Solids	mg/L	09/17/19 - 04/09/25	22	0	CI around mean	606	830

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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 Dynegy Midwest Generation, LLC’s (DMG’s) operating permit application for the West Ash Pond System. That operating permit application, including the proposed groundwater monitoring program, remains under review by the IEPA and, therefore, DMG has not identified any actual exceedances.

Events:

E009 = Quarter 2, 2025 sampling event

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

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

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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HENNEPIN POWER PLANT
WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
21/21R	UA	E010	Antimony, total	mg/L	12/10/15 - 07/15/25	36	100	All ND - Last	0.003	0.001
21/21R	UA	E010	Arsenic, total	mg/L	12/10/15 - 07/15/25	37	0	CB around linear reg	0.0241	0.001
21/21R	UA	E010	Barium, total	mg/L	12/10/15 - 07/15/25	36	0	CB around linear reg	0.305	0.156
21/21R	UA	E010	Beryllium, total	mg/L	12/10/15 - 07/15/25	36	100	All ND - Last	0.001	0.001
21/21R	UA	E010	Boron, total	mg/L	12/10/15 - 07/15/25	37	0	CB around T-S line	1.52	0.205
21/21R	UA	E010	Cadmium, total	mg/L	12/10/15 - 07/15/25	36	100	All ND - Last	0.0005	0.001
21/21R	UA	E010	Chloride, total	mg/L	12/10/15 - 07/15/25	39	0	CB around linear reg	99.5	108
21/21R	UA	E010	Chromium, total	mg/L	12/10/15 - 07/15/25	36	67	CB around T-S line	0.00199	0.00130
21/21R	UA	E010	Cobalt, total	mg/L	12/10/15 - 07/15/25	36	72	CI around median	0.001	0.00170
21/21R	UA	E010	Fluoride, total	mg/L	12/10/15 - 07/15/25	37	8	CI around median	0.14	0.170
21/21R	UA	E010	Lead, total	mg/L	12/10/15 - 07/15/25	36	47	CI around median	0.001	0.001
21/21R	UA	E010	Lithium, total	mg/L	12/10/15 - 07/15/25	36	0	CB around linear reg	0.0242	0.0140
21/21R	UA	E010	Mercury, total	mg/L	12/10/15 - 07/15/25	36	97	CI around median	0.0002	0.0002
21/21R	UA	E010	Molybdenum, total	mg/L	12/10/15 - 07/15/25	36	3	CB around linear reg	0.00786	0.00200
21/21R	UA	E010	pH (field)	SU	12/10/15 - 07/15/25	39	0	CI around mean	7.4/7.5	6.7/7.4
21/21R	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 07/15/25	29	0	CI around mean	0.896	2.60
21/21R	UA	E010	Selenium, total	mg/L	12/10/15 - 07/15/25	36	100	All ND - Last	0.0025	0.00110
21/21R	UA	E010	Sulfate, total	mg/L	12/10/15 - 07/15/25	39	0	CB around T-S line	28.7	117
21/21R	UA	E010	Thallium, total	mg/L	12/10/15 - 07/15/25	36	100	All ND - Last	0.002	0.001
21/21R	UA	E010	Total Dissolved Solids	mg/L	12/10/15 - 07/15/25	37	0	CB around T-S line	618	830
22	UA	E010	Antimony, total	mg/L	12/10/15 - 07/18/25	39	92	CB around T-S line	0.001	0.001
22	UA	E010	Arsenic, total	mg/L	12/10/15 - 07/18/25	43	74	CI around median	0.001	0.001
22	UA	E010	Barium, total	mg/L	12/10/15 - 07/18/25	39	0	CB around T-S line	0.0537	0.156
22	UA	E010	Beryllium, total	mg/L	12/10/15 - 07/18/25	39	100	All ND - Last	0.001	0.001
22	UA	E010	Boron, total	mg/L	12/10/15 - 07/18/25	44	0	CB around T-S line	2.41	0.205
22	UA	E010	Cadmium, total	mg/L	12/10/15 - 07/18/25	39	3	CB around T-S line	0.00479	0.001
22	UA	E010	Chloride, total	mg/L	12/10/15 - 07/16/25	46	0	CB around T-S line	91.1	108

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WEST ASH POND SYSTEM
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
22	UA	E010	Chromium, total	mg/L	12/10/15 - 07/18/25	39	100	All ND - Last	0.005	0.00130
22	UA	E010	Cobalt, total	mg/L	12/10/15 - 07/18/25	39	3	CI around median	0.002	0.00170
22	UA	E010	Fluoride, total	mg/L	12/10/15 - 07/16/25	39	5	CB around T-S line	0.15	0.170
22	UA	E010	Lead, total	mg/L	12/10/15 - 07/18/25	39	97	CB around T-S line	0.00081	0.001
22	UA	E010	Lithium, total	mg/L	12/10/15 - 07/18/25	43	0	CB around T-S line	0.0432	0.0140
22	UA	E010	Mercury, total	mg/L	12/10/15 - 07/18/25	37	100	All ND - Last	0.0002	0.0002
22	UA	E010	Molybdenum, total	mg/L	12/10/15 - 07/18/25	43	0	CB around T-S line	0.0341	0.00200
22	UA	E010	pH (field)	SU	12/10/15 - 07/16/25	42	0	CI around median	7.6/7.7	6.7/7.4
22	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 07/16/25	30	0	CI around mean	0.369	2.60
22	UA	E010	Selenium, total	mg/L	12/10/15 - 07/18/25	39	0	CI around mean	0.0132	0.00110
22	UA	E010	Sulfate, total	mg/L	12/10/15 - 07/16/25	46	0	CB around linear reg	85.8	117
22	UA	E010	Thallium, total	mg/L	12/10/15 - 07/18/25	39	95	CB around T-S line	0.002	0.001
22	UA	E010	Total Dissolved Solids	mg/L	12/10/15 - 07/16/25	46	0	CB around linear reg	578	830
22D	UA	E010	Antimony, total	mg/L	09/17/19 - 07/16/25	23	100	All ND - Last	0.003	0.001
22D	UA	E010	Arsenic, total	mg/L	09/17/19 - 07/16/25	23	26	CB around T-S line	0.000856	0.001
22D	UA	E010	Barium, total	mg/L	09/17/19 - 07/16/25	23	0	CB around T-S line	0.0652	0.156
22D	UA	E010	Beryllium, total	mg/L	09/17/19 - 07/16/25	22	100	All ND - Last	0.001	0.001
22D	UA	E010	Boron, total	mg/L	09/17/19 - 07/16/25	23	0	CB around T-S line	0.988	0.205
22D	UA	E010	Cadmium, total	mg/L	09/17/19 - 07/16/25	23	100	All ND - Last	0.0005	0.001
22D	UA	E010	Chloride, total	mg/L	09/17/19 - 07/16/25	23	0	CI around mean	92	108
22D	UA	E010	Chromium, total	mg/L	09/17/19 - 07/16/25	23	91	CB around T-S line	0.0015	0.00130
22D	UA	E010	Cobalt, total	mg/L	09/17/19 - 07/16/25	23	96	CI around median	0.001	0.00170
22D	UA	E010	Fluoride, total	mg/L	09/17/19 - 07/16/25	23	9	CI around median	0.11	0.170
22D	UA	E010	Lead, total	mg/L	09/17/19 - 07/16/25	23	91	CB around T-S line	0.000277	0.001
22D	UA	E010	Lithium, total	mg/L	09/17/19 - 07/16/25	23	0	CI around mean	0.0152	0.0140
22D	UA	E010	Mercury, total	mg/L	12/11/19 - 07/16/25	22	100	All ND - Last	0.0002	0.0002
22D	UA	E010	Molybdenum, total	mg/L	09/17/19 - 07/16/25	23	4	CB around T-S line	0.00542	0.00200

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
22D	UA	E010	pH (field)	SU	09/17/19 - 07/16/25	26	0	CI around mean	7.2/7.3	6.7/7.4
22D	UA	E010	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 07/16/25	20	0	CI around mean	0.904	2.60
22D	UA	E010	Selenium, total	mg/L	09/17/19 - 07/16/25	23	100	All ND - Last	0.0025	0.00110
22D	UA	E010	Sulfate, total	mg/L	09/17/19 - 07/16/25	23	0	CB around linear reg	81.8	117
22D	UA	E010	Thallium, total	mg/L	09/17/19 - 07/16/25	23	100	All ND - Last	0.002	0.001
22D	UA	E010	Total Dissolved Solids	mg/L	09/17/19 - 07/16/25	23	0	CI around mean	615	830
23	UA	E010	Antimony, total	mg/L	12/10/15 - 07/16/25	39	100	All ND - Last	0.003	0.001
23	UA	E010	Arsenic, total	mg/L	12/10/15 - 07/16/25	43	91	CB around T-S line	0.001	0.001
23	UA	E010	Barium, total	mg/L	12/10/15 - 07/16/25	39	0	CB around T-S line	0.0381	0.156
23	UA	E010	Beryllium, total	mg/L	12/10/15 - 07/16/25	39	100	All ND - Last	0.001	0.001
23	UA	E010	Boron, total	mg/L	12/10/15 - 07/16/25	44	0	CB around T-S line	8.41	0.205
23	UA	E010	Cadmium, total	mg/L	12/10/15 - 07/16/25	39	100	All ND - Last	0.0005	0.001
23	UA	E010	Chloride, total	mg/L	12/10/15 - 07/16/25	46	0	CB around T-S line	50.5	108
23	UA	E010	Chromium, total	mg/L	12/10/15 - 07/16/25	39	100	All ND - Last	0.005	0.00130
23	UA	E010	Cobalt, total	mg/L	12/10/15 - 07/16/25	39	100	All ND - Last	0.001	0.00170
23	UA	E010	Fluoride, total	mg/L	12/10/15 - 07/16/25	39	5	CI around median	0.16	0.170
23	UA	E010	Lead, total	mg/L	12/10/15 - 07/16/25	39	100	All ND - Last	0.0005	0.001
23	UA	E010	Lithium, total	mg/L	12/10/15 - 07/16/25	43	14	CI around median	0.0047	0.0140
23	UA	E010	Mercury, total	mg/L	12/10/15 - 07/16/25	37	100	All ND - Last	0.0002	0.0002
23	UA	E010	Molybdenum, total	mg/L	12/10/15 - 07/16/25	43	0	CI around median	0.0146	0.00200
23	UA	E010	pH (field)	SU	12/10/15 - 07/16/25	41	0	CI around mean	7.4/7.5	6.7/7.4
23	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 07/16/25	30	0	CI around mean	0.255	2.60
23	UA	E010	Selenium, total	mg/L	12/10/15 - 07/16/25	39	100	All ND - Last	0.0025	0.00110
23	UA	E010	Sulfate, total	mg/L	12/10/15 - 07/16/25	46	0	CI around median	421	117
23	UA	E010	Thallium, total	mg/L	12/10/15 - 07/16/25	39	100	All ND - Last	0.002	0.001
23	UA	E010	Total Dissolved Solids	mg/L	12/10/15 - 07/16/25	46	0	CI around mean	889	830
24/51	UA	E010	Antimony, total	mg/L	12/10/15 - 07/16/25	37	100	All ND - Last	0.003	0.001

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
24/51	UA	E010	Arsenic, total	mg/L	12/10/15 - 07/16/25	42	0	CI around mean	0.0205	0.001
24/51	UA	E010	Barium, total	mg/L	12/10/15 - 07/16/25	37	0	CB around T-S line	0.109	0.156
24/51	UA	E010	Beryllium, total	mg/L	12/10/15 - 07/16/25	37	100	All ND - Last	0.001	0.001
24/51	UA	E010	Boron, total	mg/L	12/10/15 - 07/16/25	42	0	CB around linear reg	1.09	0.205
24/51	UA	E010	Cadmium, total	mg/L	12/10/15 - 07/16/25	37	100	All ND - Last	0.0005	0.001
24/51	UA	E010	Chloride, total	mg/L	12/10/15 - 07/16/25	44	0	CB around linear reg	104	108
24/51	UA	E010	Chromium, total	mg/L	12/10/15 - 07/16/25	37	78	CB around T-S line	0.00186	0.00130
24/51	UA	E010	Cobalt, total	mg/L	12/10/15 - 07/16/25	37	76	CI around median	0.001	0.00170
24/51	UA	E010	Fluoride, total	mg/L	12/10/15 - 07/16/25	37	5	CI around median	0.14	0.170
24/51	UA	E010	Lead, total	mg/L	12/10/15 - 07/16/25	37	60	CI around median	0.001	0.001
24/51	UA	E010	Lithium, total	mg/L	12/10/15 - 07/16/25	41	0	CB around T-S line	0.0238	0.0140
24/51	UA	E010	Mercury, total	mg/L	12/10/15 - 07/16/25	36	100	All ND - Last	0.0002	0.0002
24/51	UA	E010	Molybdenum, total	mg/L	12/10/15 - 07/16/25	41	2	CB around linear reg	0.00726	0.00200
24/51	UA	E010	pH (field)	SU	12/10/15 - 07/16/25	39	0	CB around linear reg	7.2/7.4	6.7/7.4
24/51	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 07/16/25	29	0	CB around linear reg	1.18	2.60
24/51	UA	E010	Selenium, total	mg/L	12/10/15 - 07/16/25	37	100	All ND - Last	0.0025	0.00110
24/51	UA	E010	Sulfate, total	mg/L	12/10/15 - 07/16/25	44	0	CB around linear reg	74.7	117
24/51	UA	E010	Thallium, total	mg/L	12/10/15 - 07/16/25	37	100	All ND - Last	0.002	0.001
24/51	UA	E010	Total Dissolved Solids	mg/L	12/10/15 - 07/16/25	44	0	CI around median	630	830
27	UA	E010	Antimony, total	mg/L	09/12/18 - 07/15/25	26	100	All ND - Last	0.003	0.001
27	UA	E010	Arsenic, total	mg/L	09/12/18 - 07/15/25	26	50	CI around median	0.001	0.001
27	UA	E010	Barium, total	mg/L	09/12/18 - 07/15/25	26	0	CI around median	0.0838	0.156
27	UA	E010	Beryllium, total	mg/L	09/12/18 - 07/15/25	26	100	All ND - Last	0.001	0.001
27	UA	E010	Boron, total	mg/L	09/12/18 - 07/15/25	26	0	CI around median	2.27	0.205
27	UA	E010	Cadmium, total	mg/L	09/12/18 - 07/15/25	26	96	CB around T-S line	0.000352	0.001
27	UA	E010	Chloride, total	mg/L	03/08/16 - 07/15/25	31	0	CI around median	90	108
27	UA	E010	Chromium, total	mg/L	09/12/18 - 07/15/25	26	81	CB around T-S line	0.0015	0.00130

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
27	UA	E010	Cobalt, total	mg/L	09/12/18 - 07/15/25	26	0	CI around mean	0.00195	0.00170
27	UA	E010	Fluoride, total	mg/L	09/12/18 - 07/15/25	26	4	CI around median	0.12	0.170
27	UA	E010	Lead, total	mg/L	09/12/18 - 07/15/25	26	46	CI around median	0.001	0.001
27	UA	E010	Lithium, total	mg/L	09/12/18 - 07/15/25	26	0	CI around mean	0.0215	0.0140
27	UA	E010	Mercury, total	mg/L	09/12/18 - 07/15/25	26	100	All ND - Last	0.0002	0.0002
27	UA	E010	Molybdenum, total	mg/L	09/12/18 - 07/15/25	26	38	CI around median	0.0044	0.00200
27	UA	E010	pH (field)	SU	03/08/16 - 07/15/25	31	0	CI around mean	7.1/7.2	6.7/7.4
27	UA	E010	Radium 226 + Radium 228, total	pCi/L	09/12/18 - 07/15/25	20	0	CI around geomean	0.263	2.60
27	UA	E010	Selenium, total	mg/L	09/12/18 - 07/15/25	26	100	All ND - Last	0.0025	0.00110
27	UA	E010	Sulfate, total	mg/L	03/08/16 - 07/15/25	31	0	CB around linear reg	88.8	117
27	UA	E010	Thallium, total	mg/L	09/12/18 - 07/15/25	26	100	All ND - Last	0.002	0.001
27	UA	E010	Total Dissolved Solids	mg/L	03/08/16 - 07/15/25	31	0	CI around median	648	830
35	UA	E010	Antimony, total	mg/L	12/09/15 - 07/15/25	38	100	All ND - Last	0.003	0.001
35	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/15/25	38	79	CI around median	0.001	0.001
35	UA	E010	Barium, total	mg/L	12/09/15 - 07/15/25	38	0	CI around mean	0.0416	0.156
35	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/15/25	38	100	All ND - Last	0.001	0.001
35	UA	E010	Boron, total	mg/L	12/09/15 - 07/15/25	39	0	CB around linear reg	11	0.205
35	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/15/25	38	100	All ND - Last	0.0005	0.001
35	UA	E010	Chloride, total	mg/L	12/09/15 - 07/15/25	39	0	CB around T-S line	14.9	108
35	UA	E010	Chromium, total	mg/L	12/09/15 - 07/15/25	38	97	CB around T-S line	0.0015	0.00130
35	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/15/25	38	42	CI around median	0.001	0.00170
35	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/15/25	39	3	CI around median	0.17	0.170
35	UA	E010	Lead, total	mg/L	12/09/15 - 07/15/25	38	92	CB around T-S line	0.000707	0.001
35	UA	E010	Lithium, total	mg/L	12/09/15 - 07/15/25	38	0	CI around mean	0.0241	0.0140
35	UA	E010	Mercury, total	mg/L	12/09/15 - 07/15/25	37	100	All ND - Last	0.0002	0.0002
35	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/15/25	38	0	CB around linear reg	0.0493	0.00200
35	UA	E010	pH (field)	SU	12/09/15 - 07/15/25	39	0	CB around linear reg	6.7/7.0	6.7/7.4

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
35	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/15/25	31	0	CI around median	0.353	2.60
35	UA	E010	Selenium, total	mg/L	12/09/15 - 07/15/25	38	100	All ND - Last	0.0025	0.00110
35	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/15/25	39	0	CB around linear reg	675	117
35	UA	E010	Thallium, total	mg/L	12/09/15 - 07/15/25	38	100	All ND - Last	0.002	0.001
35	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/15/25	39	0	CB around linear reg	1,290	830
49	UA	E010	Antimony, total	mg/L	12/10/15 - 07/16/25	38	100	All ND - Last	0.003	0.001
49	UA	E010	Arsenic, total	mg/L	12/10/15 - 07/16/25	38	97	CI around median	0.001	0.001
49	UA	E010	Barium, total	mg/L	12/10/15 - 07/16/25	38	0	CB around T-S line	0.0629	0.156
49	UA	E010	Beryllium, total	mg/L	12/10/15 - 07/16/25	38	100	All ND - Last	0.001	0.001
49	UA	E010	Boron, total	mg/L	12/10/15 - 07/16/25	39	0	CB around linear reg	0.407	0.205
49	UA	E010	Cadmium, total	mg/L	12/10/15 - 07/16/25	38	24	CI around geomean	0.00106	0.001
49	UA	E010	Chloride, total	mg/L	12/10/15 - 07/16/25	39	0	CI around median	100	108
49	UA	E010	Chromium, total	mg/L	12/10/15 - 07/16/25	38	97	CB around T-S line	0.0015	0.00130
49	UA	E010	Cobalt, total	mg/L	12/10/15 - 07/16/25	38	0	CI around mean	0.0041	0.00170
49	UA	E010	Fluoride, total	mg/L	12/10/15 - 07/16/25	39	3	CI around median	0.15	0.170
49	UA	E010	Lead, total	mg/L	12/10/15 - 07/16/25	38	92	CI around median	0.001	0.001
49	UA	E010	Lithium, total	mg/L	12/10/15 - 07/16/25	38	0	CI around mean	0.0241	0.0140
49	UA	E010	Mercury, total	mg/L	12/10/15 - 07/16/25	37	100	All ND - Last	0.0002	0.0002
49	UA	E010	Molybdenum, total	mg/L	12/10/15 - 07/16/25	38	0	CB around T-S line	0.0178	0.00200
49	UA	E010	pH (field)	SU	12/10/15 - 07/16/25	40	0	CI around mean	7.1/7.2	6.7/7.4
49	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/10/15 - 07/16/25	31	0	CI around mean	0.362	2.60
49	UA	E010	Selenium, total	mg/L	12/10/15 - 07/16/25	38	100	All ND - Last	0.0025	0.00110
49	UA	E010	Sulfate, total	mg/L	12/10/15 - 07/16/25	39	0	CB around linear reg	68.6	117
49	UA	E010	Thallium, total	mg/L	12/10/15 - 07/16/25	38	100	All ND - Last	0.002	0.001
49	UA	E010	Total Dissolved Solids	mg/L	12/10/15 - 07/16/25	39	0	CB around linear reg	579	830
50	UA	E010	Antimony, total	mg/L	09/17/19 - 07/16/25	23	100	All ND - Last	0.003	0.001
50	UA	E010	Arsenic, total	mg/L	09/17/19 - 07/16/25	23	91	CI around median	0.001	0.001

ATTACHMENT B.
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HENNEPIN POWER PLANT
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
50	UA	E010	Barium, total	mg/L	09/17/19 - 07/16/25	23	0	CB around linear reg	0.0649	0.156
50	UA	E010	Beryllium, total	mg/L	09/17/19 - 07/16/25	22	100	All ND - Last	0.001	0.001
50	UA	E010	Boron, total	mg/L	09/17/19 - 07/16/25	23	0	CI around median	0.72	0.205
50	UA	E010	Cadmium, total	mg/L	09/17/19 - 07/16/25	23	4	CI around median	0.0011	0.001
50	UA	E010	Chloride, total	mg/L	09/17/19 - 07/16/25	23	0	CI around mean	86.4	108
50	UA	E010	Chromium, total	mg/L	09/17/19 - 07/16/25	23	100	All ND - Last	0.005	0.00130
50	UA	E010	Cobalt, total	mg/L	09/17/19 - 07/16/25	23	0	CI around mean	0.00395	0.00170
50	UA	E010	Fluoride, total	mg/L	09/17/19 - 07/16/25	23	17	CB around T-S line	0.12	0.170
50	UA	E010	Lead, total	mg/L	09/17/19 - 07/16/25	23	96	CB around T-S line	0.000287	0.001
50	UA	E010	Lithium, total	mg/L	09/17/19 - 07/16/25	23	0	CB around T-S line	0.0239	0.0140
50	UA	E010	Mercury, total	mg/L	12/11/19 - 07/16/25	22	100	All ND - Last	0.0002	0.0002
50	UA	E010	Molybdenum, total	mg/L	09/17/19 - 07/16/25	23	0	CB around T-S line	0.0369	0.00200
50	UA	E010	pH (field)	SU	09/17/19 - 07/16/25	26	0	CB around linear reg	7.4/7.7	6.7/7.4
50	UA	E010	Radium 226 + Radium 228, total	pCi/L	09/17/19 - 07/16/25	19	0	CI around mean	0.602	2.60
50	UA	E010	Selenium, total	mg/L	09/17/19 - 07/16/25	23	100	All ND - Last	0.0025	0.00110
50	UA	E010	Sulfate, total	mg/L	09/17/19 - 07/16/25	23	0	CI around geomean	92.1	117
50	UA	E010	Thallium, total	mg/L	09/17/19 - 07/16/25	23	100	All ND - Last	0.002	0.001
50	UA	E010	Total Dissolved Solids	mg/L	09/17/19 - 07/16/25	23	0	CI around mean	606	830

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 3, 2025
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HENNEPIN, IL

Notes:

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

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

Events:

E010 = Quarter 3, 2025 sampling event

HSU = hydrostratigraphic unit:

UA = Uppermost Aquifer

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

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