Illinois Environmental Protection Agency

2520 West Iles Avenue • P.O. Box 19276 • Springfield, Illinois • 62794-9276 • 217-782-3397

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- Ash Pond 2 and 4

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 Ash Pond No. 2 and 4 (IEPA ID W1550100002-04-07) 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 Ash Pond No. 2 and 4 (IEPA ID W1550100002-04-07), as enclosed.

Sincerely,

Dianna Tickner

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

Annual Consolidated Report
Dynegy Midwest Generation, LLC
Hennepin Power Plant
Ash Pond No. 2 and No. 4; IEPA **ID W1550100002-04, 07**

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

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: _____ Plant Environmental Supervisor

Name 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	Ash Pond 2

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.	As part of the capping and closure of the West Ash Pond and West Polishing Pond, Ash Pond 2 was regraded to promote positive stormwater drainage. As a result of this regrading Ash Pond 2 will not impound water.
(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	Due to regrading, the impoundment will no longer impound any additional water or material.
(b)(2)(E) The approximate volume of the impounded water and CCR contained in the unit at the time of the inspection.	Approximately 435 acre-feet of capped 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))	As part of the capping and closure of the West Ash Pond and West Polishing Pond, Ash Pond 2 was regraded to promote positive stormwater drainage. As a result of this regrading Ash Pond 2 will not impound water.

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: Ash Pond 2

35 IAC § 845.540 (b)(2)(B)		
Instrument ID #	Type	Maximum recorded reading since previous annual inspection (ft)
P004	Piezometer	444.39'
P005	Piezometer	444.14'

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					0	
CCR	494		497	43		46

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

ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

IEPA ID NO. W1550100002-04 AND W1550100002-07

RAMBOLL Bright ideas. Sustainable change.

2025 35 I.A.C. § 845 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT HENNEPIN POWER PLANT ASH POND NO. 2 AND ASH POND NO. 4

Project name	**Hennepin Power Plant Ash Pond No. 2 and Ash Pond No. 4**
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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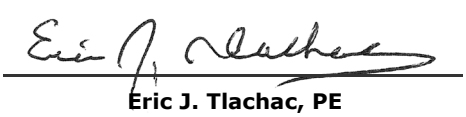
Jeff R. Kampman
Senior Project Scientist



Eric J. Tlachac, PE
Senior Project Manager

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TABLES (IN TEXT)

TABLES (ATTACHED)

FIGURES

ATTACHMENTS

ACRONYMS AND ABBREVIATIONS

35 I.A.C.	Title 35 of the Illinois Administrative Code
AP2/AP4	Ash Pond No. 2 and Ash Pond No. 4
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

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 Ash Pond No. 2 and Ash Pond No. 4 (AP2/AP4) located at Hennepin Power Plant (HPP) near Hennepin, Illinois. AP2/AP4 is recognized by coal combustion residuals (CCR) unit identification (ID) number (No.) 802/805, Illinois Environmental Protection Agency (IEPA) ID Nos. W1550100002-04 and W1550100002-07, and National Inventory of Dams (NID) No. IL50663.

AP2/AP4 was closed in accordance with the Closure and Post Closure Care Plan submitted to the IEPA in February 2018. The IEPA approved the Closure and Post-Closure Care Plan on March 5, 2020.

As required by 35 I.A.C. § 845, an operating permit application for AP2/AP4 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 AP2/AP4 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 AP2/AP4 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 exceedances[1] of the GWPS (**Table 2**). No GWPS exceedances were determined in 2025; therefore, an assessment of corrective measures (CMA) has not been initiated for AP2/AP4.

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] 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 AP2/AP4. That operating permit application remains under review by the IEPA and, therefore, DMG has not identified any actual exceedances.

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 AP2/AP4 located at HPP near Hennepin, Illinois. The owner or operator of a CCR surface impoundment (SI) must prepare and submit to IEPA by January 31st of each year an Annual Groundwater Monitoring and Corrective Action Report for the preceding calendar year as part of the Annual Consolidated Report required by 35 I.A.C. § 845.550. The Annual Groundwater Monitoring and Corrective Action Report shall document the status of the groundwater monitoring and corrective action plan for the CCR SI (**Section 2**), summarize key actions completed, including the status of permit applications and Agency approvals (**Section 3**), describe any problems encountered and actions to resolve the problems (**Section 4**), and project key activities for the upcoming year (**Section 5**).

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

A. A map, aerial image, or diagram showing the CCR surface impoundment (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 (**Figure 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 HPP AP2/AP4 for calendar year 2025.

2. MONITORING AND CORRECTIVE ACTION PROGRAM STATUS

AP2/AP4 was closed in accordance with the Closure and Post Closure Care Plan submitted to the IEPA in February 2018. The IEPA approved the Closure and Post-Closure Care Plan on March 5, 2020.

An operating permit application for AP2/AP4 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 AP2/AP4 commenced in the second quarter of 2023. After AP2/AP4 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**, no GWPS exceedances were determined for AP2/AP4 in 2025.

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 are attached to the quarterly Groundwater Monitoring Data and Detected Exceedances Reports for Quarters 1 through 3[2] (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 7 – 8, 2025	May 19, 2025	July 18, 2025	NA
E010	July 15 – 17, 2025	August 15, 2025	October 14, 2025	NA
E011	November 3 – 5, 2025	December 8, 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: 07, 08, and 08D

[3] The following compliance wells were sampled for each event: 03R, 18D, 18S, and 45S

[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. No exceedances of the GWPSs were determined as shown on **Table 2** (Compliance Result) and **Figure 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 AP2/AP4 has been issued an approved operating permit, groundwater monitoring shall be conducted in accordance with that operating permit.

During the Quarter 1 monitoring event, samples collected from monitoring wells 18D and 18S were inadvertently swapped by the laboratory prior to analysis, and data were erroneously reported in the Quarter 1, 2025 Groundwater Monitoring Data and Detected Exceedances Report (Ramboll, 2025b). The issue was resolved after issuance of the Quarter 1 report, and the corrected data is presented in the attached **Tables 1 and 2**, and **Attachment B**.

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 AP2/AP4. After AP2/AP4 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, Ash Pond No. 2 and Ash Pond No. 4, Hennepin, Illinois. Dynegy Midwest Generation, LLC. October 25, 2021.

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TABLES

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 2025 (REVISED JANUARY 21, 2026)
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
07	Background	E008	01/17/2025	Antimony, total	0.0013 U	mg/L
07	Background	E008	01/17/2025	Arsenic, total	0.00023 U	mg/L
07	Background	E008	01/17/2025	Barium, total	0.0920	mg/L
07	Background	E008	01/17/2025	Beryllium, total	0.00053 U	mg/L
07	Background	E008	01/17/2025	Boron, total	0.0700 J+	mg/L
07	Background	E008	01/17/2025	Cadmium, total	0.00017 U	mg/L
07	Background	E008	01/17/2025	Calcium, total	130	mg/L
07	Background	E008	01/17/2025	Chloride, total	60.0	mg/L
07	Background	E008	01/17/2025	Chromium, total	0.0011 U	mg/L
07	Background	E008	01/17/2025	Cobalt, total	0.00260	mg/L
07	Background	E008	01/17/2025	Dissolved Oxygen	5.57	mg/L
07	Background	E008	01/17/2025	Fluoride, total	0.130	mg/L
07	Background	E008	01/17/2025	Lead, total	0.0002 J	mg/L
07	Background	E008	01/17/2025	Lithium, total	0.00980	mg/L
07	Background	E008	01/17/2025	Mercury, total	0.000076 U	mg/L
07	Background	E008	01/17/2025	Molybdenum, total	0.0025 U	mg/L
07	Background	E008	01/17/2025	Oxidation Reduction Potential	171	mV
07	Background	E008	01/17/2025	pH (field)	6.8	SU
07	Background	E008	01/17/2025	Radium 226 + Radium 228, total	1.07	pCi/L
07	Background	E008	01/17/2025	Selenium, total	0.0011 J	mg/L
07	Background	E008	01/17/2025	Specific Conductance @ 25C (field)	1,136	micromhos/cm
07	Background	E008	01/17/2025	Sulfate, total	62.0	mg/L
07	Background	E008	01/17/2025	Temperature	10.7	degrees C
07	Background	E008	01/17/2025	Thallium, total	0.00057 U	mg/L
07	Background	E008	01/17/2025	Total Dissolved Solids	630	mg/L
07	Background	E008	01/17/2025	Turbidity, field	3.93	NTU
08	Background	E008	01/17/2025	Antimony, total	0.0013 U	mg/L
08	Background	E008	01/17/2025	Arsenic, total	0.00023 U	mg/L
08	Background	E008	01/17/2025	Barium, total	0.100	mg/L
08	Background	E008	01/17/2025	Beryllium, total	0.00053 U	mg/L
08	Background	E008	01/17/2025	Boron, total	0.120 J+	mg/L
08	Background	E008	01/17/2025	Cadmium, total	0.00045 J	mg/L
08	Background	E008	01/17/2025	Calcium, total	180	mg/L
08	Background	E008	01/17/2025	Chloride, total	260	mg/L
08	Background	E008	01/17/2025	Chromium, total	0.0011 U	mg/L
08	Background	E008	01/17/2025	Cobalt, total	0.00270	mg/L
08	Background	E008	01/17/2025	Dissolved Oxygen	0.420	mg/L
08	Background	E008	01/17/2025	Fluoride, total	0.098 J	mg/L
08	Background	E008	01/17/2025	Lead, total	0.00029 J	mg/L
08	Background	E008	01/17/2025	Lithium, total	0.0160	mg/L
08	Background	E008	01/17/2025	Mercury, total	0.000076 U	mg/L
08	Background	E008	01/17/2025	Molybdenum, total	0.0025 U	mg/L
08	Background	E008	01/17/2025	Oxidation Reduction Potential	178	mV
08	Background	E008	01/17/2025	pH (field)	6.7	SU
08	Background	E008	01/17/2025	Radium 226 + Radium 228, total	0.791	pCi/L
08	Background	E008	01/17/2025	Selenium, total	0.00098 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 2025 (REVISED JANUARY 21, 2026)
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
08	Background	E008	01/17/2025	Specific Conductance @ 25C (field)	2,036	micromhos/cm
08	Background	E008	01/17/2025	Sulfate, total	120	mg/L
08	Background	E008	01/17/2025	Temperature	12.6	degrees C
08	Background	E008	01/17/2025	Thallium, total	0.00057 U	mg/L
08	Background	E008	01/17/2025	Total Dissolved Solids	1,200	mg/L
08	Background	E008	01/17/2025	Turbidity, field	1.95	NTU
08D	Background	E008	01/14/2025	Antimony, total	0.0013 U	mg/L
08D	Background	E008	01/14/2025	Arsenic, total	0.00023 U	mg/L
08D	Background	E008	01/14/2025	Barium, total	0.0970	mg/L
08D	Background	E008	01/14/2025	Beryllium, total	0.00053 U	mg/L
08D	Background	E008	01/14/2025	Boron, total	0.110 J+	mg/L
08D	Background	E008	01/14/2025	Cadmium, total	0.00031 J	mg/L
08D	Background	E008	01/14/2025	Calcium, total	190	mg/L
08D	Background	E008	01/14/2025	Chloride, total	270	mg/L
08D	Background	E008	01/14/2025	Chromium, total	0.0011 U	mg/L
08D	Background	E008	01/14/2025	Cobalt, total	0.00140	mg/L
08D	Background	E008	01/14/2025	Dissolved Oxygen	0.190	mg/L
08D	Background	E008	01/14/2025	Fluoride, total	0.130	mg/L
08D	Background	E008	01/14/2025	Lead, total	0.00032 J	mg/L
08D	Background	E008	01/14/2025	Lithium, total	0.0140	mg/L
08D	Background	E008	01/14/2025	Mercury, total	0.000076 U	mg/L
08D	Background	E008	01/14/2025	Molybdenum, total	0.0025 U	mg/L
08D	Background	E008	01/14/2025	Oxidation Reduction Potential	155	mV
08D	Background	E008	01/14/2025	pH (field)	7.1	SU
08D	Background	E008	01/14/2025	Radium 226 + Radium 228, total	0.611	pCi/L
08D	Background	E008	01/14/2025	Selenium, total	0.00098 U	mg/L
08D	Background	E008	01/14/2025	Specific Conductance @ 25C (field)	2,097	micromhos/cm
08D	Background	E008	01/14/2025	Sulfate, total	160	mg/L
08D	Background	E008	01/14/2025	Temperature	11.8	degrees C
08D	Background	E008	01/14/2025	Thallium, total	0.00057 U	mg/L
08D	Background	E008	01/14/2025	Total Dissolved Solids	1,200	mg/L
08D	Background	E008	01/14/2025	Turbidity, field	2.39	NTU
03R	Compliance	E008	01/14/2025	Antimony, total	0.0013 U	mg/L
03R	Compliance	E008	01/14/2025	Arsenic, total	0.00037 J	mg/L
03R	Compliance	E008	01/14/2025	Barium, total	0.0600	mg/L
03R	Compliance	E008	01/14/2025	Beryllium, total	0.00053 U	mg/L
03R	Compliance	E008	01/14/2025	Boron, total	0.660 J+	mg/L
03R	Compliance	E008	01/14/2025	Cadmium, total	0.00017 U	mg/L
03R	Compliance	E008	01/14/2025	Calcium, total	89.0	mg/L
03R	Compliance	E008	01/14/2025	Chloride, total	75.0	mg/L
03R	Compliance	E008	01/14/2025	Chromium, total	0.0011 U	mg/L
03R	Compliance	E008	01/14/2025	Cobalt, total	0.0004 U	mg/L
03R	Compliance	E008	01/14/2025	Dissolved Oxygen	0.730	mg/L
03R	Compliance	E008	01/14/2025	Fluoride, total	0.300	mg/L
03R	Compliance	E008	01/14/2025	Lead, total	0.00019 U	mg/L
03R	Compliance	E008	01/14/2025	Lithium, total	0.0220	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 2025 (REVISED JANUARY 21, 2026)
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
03R	Compliance	E008	01/14/2025	Mercury, total	0.000076 U	mg/L
03R	Compliance	E008	01/14/2025	Molybdenum, total	0.0880	mg/L
03R	Compliance	E008	01/14/2025	Oxidation Reduction Potential	28.4	mV
03R	Compliance	E008	01/14/2025	pH (field)	7.3	SU
03R	Compliance	E008	01/14/2025	Radium 226 + Radium 228, total	0.361	pCi/L
03R	Compliance	E008	01/14/2025	Selenium, total	0.00500	mg/L
03R	Compliance	E008	01/14/2025	Specific Conductance @ 25C (field)	1,754	micromhos/cm
03R	Compliance	E008	01/14/2025	Sulfate, total	77.0	mg/L
03R	Compliance	E008	01/14/2025	Temperature	16.1	degrees C
03R	Compliance	E008	01/14/2025	Thallium, total	0.00057 U	mg/L
03R	Compliance	E008	01/14/2025	Total Dissolved Solids	470	mg/L
03R	Compliance	E008	01/14/2025	Turbidity, field	3.14	NTU
18S	Compliance	E008	01/14/2025	Antimony, total	0.0013 U	mg/L
18S	Compliance	E008	01/14/2025	Arsenic, total	0.00049 J	mg/L
18S	Compliance	E008	01/14/2025	Barium, total	0.0550	mg/L
18S	Compliance	E008	01/14/2025	Beryllium, total	0.00053 U	mg/L
18S	Compliance	E008	01/14/2025	Boron, total	2.10	mg/L
18S	Compliance	E008	01/14/2025	Cadmium, total	0.00017 U	mg/L
18S	Compliance	E008	01/14/2025	Calcium, total	98.0	mg/L
18S	Compliance	E008	01/14/2025	Chloride, total	70.0	mg/L
18S	Compliance	E008	01/14/2025	Chromium, total	0.0024 J	mg/L
18S	Compliance	E008	01/14/2025	Cobalt, total	0.0004 U	mg/L
18S	Compliance	E008	01/14/2025	Dissolved Oxygen	0.400	mg/L
18S	Compliance	E008	01/14/2025	Fluoride, total	0.210	mg/L
18S	Compliance	E008	01/14/2025	Lead, total	0.00019 U	mg/L
18S	Compliance	E008	01/14/2025	Lithium, total	0.0470	mg/L
18S	Compliance	E008	01/14/2025	Mercury, total	0.000076 U	mg/L
18S	Compliance	E008	01/14/2025	Molybdenum, total	0.150	mg/L
18S	Compliance	E008	01/14/2025	Oxidation Reduction Potential	175	mV
18S	Compliance	E008	01/14/2025	pH (field)	7.4	SU
18S	Compliance	E008	01/14/2025	Radium 226 + Radium 228, total	0.167	pCi/L
18S	Compliance	E008	01/14/2025	Selenium, total	0.0180	mg/L
18S	Compliance	E008	01/14/2025	Specific Conductance @ 25C (field)	928	micromhos/cm
18S	Compliance	E008	01/14/2025	Sulfate, total	120	mg/L
18S	Compliance	E008	01/14/2025	Temperature	15.0	degrees C
18S	Compliance	E008	01/14/2025	Thallium, total	0.00057 U	mg/L
18S	Compliance	E008	01/14/2025	Total Dissolved Solids	540	mg/L
18S	Compliance	E008	01/14/2025	Turbidity, field	3.50	NTU
18D	Compliance	E008	01/14/2025	Antimony, total	0.0013 U	mg/L
18D	Compliance	E008	01/14/2025	Arsenic, total	0.00034 J	mg/L
18D	Compliance	E008	01/14/2025	Barium, total	0.0640	mg/L
18D	Compliance	E008	01/14/2025	Beryllium, total	0.00053 U	mg/L
18D	Compliance	E008	01/14/2025	Boron, total	1.20	mg/L
18D	Compliance	E008	01/14/2025	Cadmium, total	0.00039 J	mg/L
18D	Compliance	E008	01/14/2025	Calcium, total	100	mg/L
18D	Compliance	E008	01/14/2025	Chloride, total	77.0	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 2025 (REVISED JANUARY 21, 2026)
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
18D	Compliance	E008	01/14/2025	Chromium, total	0.00590	mg/L
18D	Compliance	E008	01/14/2025	Cobalt, total	0.00130	mg/L
18D	Compliance	E008	01/14/2025	Dissolved Oxygen	0.360	mg/L
18D	Compliance	E008	01/14/2025	Fluoride, total	0.180	mg/L
18D	Compliance	E008	01/14/2025	Lead, total	0.00029 J	mg/L
18D	Compliance	E008	01/14/2025	Lithium, total	0.0240	mg/L
18D	Compliance	E008	01/14/2025	Mercury, total	0.000076 U	mg/L
18D	Compliance	E008	01/14/2025	Molybdenum, total	0.0320	mg/L
18D	Compliance	E008	01/14/2025	Oxidation Reduction Potential	186	mV
18D	Compliance	E008	01/14/2025	pH (field)	7.2	SU
18D	Compliance	E008	01/14/2025	Radium 226 + Radium 228, total	0.472	pCi/L
18D	Compliance	E008	01/14/2025	Selenium, total	0.00098 U	mg/L
18D	Compliance	E008	01/14/2025	Specific Conductance @ 25C (field)	974	micromhos/cm
18D	Compliance	E008	01/14/2025	Sulfate, total	110	mg/L
18D	Compliance	E008	01/14/2025	Temperature	13.9	degrees C
18D	Compliance	E008	01/14/2025	Thallium, total	0.00057 U	mg/L
18D	Compliance	E008	01/14/2025	Total Dissolved Solids	530	mg/L
18D	Compliance	E008	01/14/2025	Turbidity, field	9.87	NTU
45S	Compliance	E008	01/14/2025	Antimony, total	0.0013 U	mg/L
45S	Compliance	E008	01/14/2025	Arsenic, total	0.00023 U	mg/L
45S	Compliance	E008	01/14/2025	Barium, total	0.0790	mg/L
45S	Compliance	E008	01/14/2025	Beryllium, total	0.00053 U	mg/L
45S	Compliance	E008	01/14/2025	Boron, total	0.360 J+	mg/L
45S	Compliance	E008	01/14/2025	Cadmium, total	0.00110	mg/L
45S	Compliance	E008	01/14/2025	Calcium, total	110	mg/L
45S	Compliance	E008	01/14/2025	Chloride, total	87.0	mg/L
45S	Compliance	E008	01/14/2025	Chromium, total	0.0011 U	mg/L
45S	Compliance	E008	01/14/2025	Cobalt, total	0.00180	mg/L
45S	Compliance	E008	01/14/2025	Dissolved Oxygen	0.730	mg/L
45S	Compliance	E008	01/14/2025	Fluoride, total	0.280	mg/L
45S	Compliance	E008	01/14/2025	Lead, total	0.00024 J	mg/L
45S	Compliance	E008	01/14/2025	Lithium, total	0.0140	mg/L
45S	Compliance	E008	01/14/2025	Mercury, total	0.000076 U	mg/L
45S	Compliance	E008	01/14/2025	Molybdenum, total	0.0470	mg/L
45S	Compliance	E008	01/14/2025	Oxidation Reduction Potential	58.0	mV
45S	Compliance	E008	01/14/2025	pH (field)	7.2	SU
45S	Compliance	E008	01/14/2025	Radium 226 + Radium 228, total	0.409	pCi/L
45S	Compliance	E008	01/14/2025	Selenium, total	0.00098 U	mg/L
45S	Compliance	E008	01/14/2025	Specific Conductance @ 25C (field)	1,931	micromhos/cm
45S	Compliance	E008	01/14/2025	Sulfate, total	77.0	mg/L
45S	Compliance	E008	01/14/2025	Temperature	16.9	degrees C
45S	Compliance	E008	01/14/2025	Thallium, total	0.00057 U	mg/L
45S	Compliance	E008	01/14/2025	Total Dissolved Solids	530	mg/L
45S	Compliance	E008	01/14/2025	Turbidity, field	5.24	NTU

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 2025 (REVISED JANUARY 21, 2026)
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

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):
NR[1] = Parameter not analyzed.
NR[2] = Data has been rejected following data quality review.
NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS[3] = The location was not accessible; therefore, a sample was not collected.
NS[4] = The location could not be found; therefore, a sample was not collected.
NS[5] = The location was damaged; therefore, a sample was not collected.
NS[6] = Sampling pump could not yield a sample.
NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS[8] = A sample was not collected.
PM[1] = 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
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
07	Background	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
07	Background	E009	04/08/2025	Arsenic, total	0.00023 U	mg/L
07	Background	E009	04/08/2025	Barium, total	0.0940	mg/L
07	Background	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
07	Background	E009	04/08/2025	Boron, total	0.0640 J+	mg/L
07	Background	E009	04/08/2025	Cadmium, total	0.00017 U	mg/L
07	Background	E009	04/08/2025	Calcium, total	130	mg/L
07	Background	E009	04/08/2025	Chloride, total	62.0	mg/L
07	Background	E009	04/08/2025	Chromium, total	0.0011 U	mg/L
07	Background	E009	04/08/2025	Cobalt, total	0.00270	mg/L
07	Background	E009	04/08/2025	Dissolved Oxygen	5.35	mg/L
07	Background	E009	04/08/2025	Fluoride, total	0.097 J	mg/L
07	Background	E009	04/08/2025	Lead, total	0.00019 U	mg/L
07	Background	E009	04/08/2025	Lithium, total	0.00920	mg/L
07	Background	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
07	Background	E009	04/08/2025	Molybdenum, total	0.0025 U	mg/L
07	Background	E009	04/08/2025	Oxidation Reduction Potential	173	mV
07	Background	E009	04/08/2025	pH (field)	6.6	SU
07	Background	E009	04/08/2025	Radium 226 + Radium 228, total	0.697	pCi/L
07	Background	E009	04/08/2025	Selenium, total	0.00098 U	mg/L
07	Background	E009	04/08/2025	Specific Conductance @ 25C (field)	925	micromhos/cm
07	Background	E009	04/08/2025	Sulfate, total	59.0	mg/L
07	Background	E009	04/08/2025	Temperature	10.5	degrees C
07	Background	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
07	Background	E009	04/08/2025	Total Dissolved Solids	590	mg/L
07	Background	E009	04/08/2025	Turbidity, field	3.17	NTU
08	Background	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
08	Background	E009	04/08/2025	Arsenic, total	0.00023 U	mg/L
08	Background	E009	04/08/2025	Barium, total	0.100	mg/L
08	Background	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
08	Background	E009	04/08/2025	Boron, total	0.110 J+	mg/L
08	Background	E009	04/08/2025	Cadmium, total	0.00049 J	mg/L
08	Background	E009	04/08/2025	Calcium, total	170	mg/L
08	Background	E009	04/08/2025	Chloride, total	220	mg/L
08	Background	E009	04/08/2025	Chromium, total	0.0011 U	mg/L
08	Background	E009	04/08/2025	Cobalt, total	0.00350	mg/L
08	Background	E009	04/08/2025	Dissolved Oxygen	1.30	mg/L
08	Background	E009	04/08/2025	Fluoride, total	0.089 J	mg/L
08	Background	E009	04/08/2025	Lead, total	0.00036 J	mg/L
08	Background	E009	04/08/2025	Lithium, total	0.0170	mg/L
08	Background	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
08	Background	E009	04/08/2025	Molybdenum, total	0.0025 U	mg/L
08	Background	E009	04/08/2025	Oxidation Reduction Potential	128	mV
08	Background	E009	04/08/2025	pH (field)	6.7	SU
08	Background	E009	04/08/2025	Radium 226 + Radium 228, total	0.74	pCi/L
08	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
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
08	Background	E009	04/08/2025	Specific Conductance @ 25C (field)	1,601	micromhos/cm
08	Background	E009	04/08/2025	Sulfate, total	98.0	mg/L
08	Background	E009	04/08/2025	Temperature	12.9	degrees C
08	Background	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
08	Background	E009	04/08/2025	Total Dissolved Solids	950	mg/L
08	Background	E009	04/08/2025	Turbidity, field	7.60	NTU
08D	Background	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
08D	Background	E009	04/08/2025	Arsenic, total	0.00023 U	mg/L
08D	Background	E009	04/08/2025	Barium, total	0.110	mg/L
08D	Background	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
08D	Background	E009	04/08/2025	Boron, total	0.0860 J+	mg/L
08D	Background	E009	04/08/2025	Cadmium, total	0.00024 J	mg/L
08D	Background	E009	04/08/2025	Calcium, total	200	mg/L
08D	Background	E009	04/08/2025	Chloride, total	300	mg/L
08D	Background	E009	04/08/2025	Chromium, total	0.0011 U	mg/L
08D	Background	E009	04/08/2025	Cobalt, total	0.00170	mg/L
08D	Background	E009	04/08/2025	Dissolved Oxygen	0.880	mg/L
08D	Background	E009	04/08/2025	Fluoride, total	0.096 J	mg/L
08D	Background	E009	04/08/2025	Lead, total	0.00019 U	mg/L
08D	Background	E009	04/08/2025	Lithium, total	0.0150	mg/L
08D	Background	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
08D	Background	E009	04/08/2025	Molybdenum, total	0.0025 U	mg/L
08D	Background	E009	04/08/2025	Oxidation Reduction Potential	135	mV
08D	Background	E009	04/08/2025	pH (field)	6.6	SU
08D	Background	E009	04/08/2025	Radium 226 + Radium 228, total	0.487	pCi/L
08D	Background	E009	04/08/2025	Selenium, total	0.00098 U	mg/L
08D	Background	E009	04/08/2025	Specific Conductance @ 25C (field)	1,895	micromhos/cm
08D	Background	E009	04/08/2025	Sulfate, total	180	mg/L
08D	Background	E009	04/08/2025	Temperature	12.0	degrees C
08D	Background	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
08D	Background	E009	04/08/2025	Total Dissolved Solids	1,200	mg/L
08D	Background	E009	04/08/2025	Turbidity, field	6.28	NTU
03R	Compliance	E009	04/07/2025	Antimony, total	0.0013 U	mg/L
03R	Compliance	E009	04/07/2025	Arsenic, total	0.00063 J	mg/L
03R	Compliance	E009	04/07/2025	Barium, total	0.0560	mg/L
03R	Compliance	E009	04/07/2025	Beryllium, total	0.00053 U	mg/L
03R	Compliance	E009	04/07/2025	Boron, total	0.490	mg/L
03R	Compliance	E009	04/07/2025	Cadmium, total	0.00019 J	mg/L
03R	Compliance	E009	04/07/2025	Calcium, total	93.0	mg/L
03R	Compliance	E009	04/07/2025	Chloride, total	79.0	mg/L
03R	Compliance	E009	04/07/2025	Chromium, total	0.0011 U	mg/L
03R	Compliance	E009	04/07/2025	Cobalt, total	0.0004 U	mg/L
03R	Compliance	E009	04/07/2025	Dissolved Oxygen	0.0600	mg/L
03R	Compliance	E009	04/07/2025	Fluoride, total	0.260	mg/L
03R	Compliance	E009	04/07/2025	Lead, total	0.00019 U	mg/L
03R	Compliance	E009	04/07/2025	Lithium, total	0.0210	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
03R	Compliance	E009	04/07/2025	Mercury, total	0.000076 U	mg/L
03R	Compliance	E009	04/07/2025	Molybdenum, total	0.0760	mg/L
03R	Compliance	E009	04/07/2025	Oxidation Reduction Potential	120	mV
03R	Compliance	E009	04/07/2025	pH (field)	7.1	SU
03R	Compliance	E009	04/07/2025	Radium 226 + Radium 228, total	0.358	pCi/L
03R	Compliance	E009	04/07/2025	Selenium, total	0.00520	mg/L
03R	Compliance	E009	04/07/2025	Specific Conductance @ 25C (field)	731	micromhos/cm
03R	Compliance	E009	04/07/2025	Sulfate, total	73.0	mg/L
03R	Compliance	E009	04/07/2025	Temperature	16.7	degrees C
03R	Compliance	E009	04/07/2025	Thallium, total	0.00057 U	mg/L
03R	Compliance	E009	04/07/2025	Total Dissolved Solids	480	mg/L
03R	Compliance	E009	04/07/2025	Turbidity, field	3.15	NTU
18S	Compliance	E009	04/07/2025	Antimony, total	0.0013 U	mg/L
18S	Compliance	E009	04/07/2025	Arsenic, total	0.00052 J	mg/L
18S	Compliance	E009	04/07/2025	Barium, total	0.0540	mg/L
18S	Compliance	E009	04/07/2025	Beryllium, total	0.00053 U	mg/L
18S	Compliance	E009	04/07/2025	Boron, total	1.70	mg/L
18S	Compliance	E009	04/07/2025	Cadmium, total	0.00017 U	mg/L
18S	Compliance	E009	04/07/2025	Calcium, total	91.0	mg/L
18S	Compliance	E009	04/07/2025	Chloride, total	72.0	mg/L
18S	Compliance	E009	04/07/2025	Chromium, total	0.0011 U	mg/L
18S	Compliance	E009	04/07/2025	Cobalt, total	0.0004 U	mg/L
18S	Compliance	E009	04/07/2025	Dissolved Oxygen	0.740	mg/L
18S	Compliance	E009	04/07/2025	Fluoride, total	0.170	mg/L
18S	Compliance	E009	04/07/2025	Lead, total	0.00019 U	mg/L
18S	Compliance	E009	04/07/2025	Lithium, total	0.0470	mg/L
18S	Compliance	E009	04/07/2025	Mercury, total	0.000076 U	mg/L
18S	Compliance	E009	04/07/2025	Molybdenum, total	0.130	mg/L
18S	Compliance	E009	04/07/2025	Oxidation Reduction Potential	67.0	mV
18S	Compliance	E009	04/07/2025	pH (field)	7.4	SU
18S	Compliance	E009	04/07/2025	Radium 226 + Radium 228, total	0.478	pCi/L
18S	Compliance	E009	04/07/2025	Selenium, total	0.0150	mg/L
18S	Compliance	E009	04/07/2025	Specific Conductance @ 25C (field)	760	micromhos/cm
18S	Compliance	E009	04/07/2025	Sulfate, total	210 J	mg/L
18S	Compliance	E009	04/07/2025	Temperature	14.1	degrees C
18S	Compliance	E009	04/07/2025	Thallium, total	0.00057 U	mg/L
18S	Compliance	E009	04/07/2025	Total Dissolved Solids	490	mg/L
18S	Compliance	E009	04/07/2025	Turbidity, field	10.9	NTU
18D	Compliance	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
18D	Compliance	E009	04/08/2025	Arsenic, total	0.0005 J	mg/L
18D	Compliance	E009	04/08/2025	Barium, total	0.0680	mg/L
18D	Compliance	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
18D	Compliance	E009	04/08/2025	Boron, total	1.20	mg/L
18D	Compliance	E009	04/08/2025	Cadmium, total	0.00038 J	mg/L
18D	Compliance	E009	04/08/2025	Calcium, total	95.0	mg/L
18D	Compliance	E009	04/08/2025	Chloride, total	82.0	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
18D	Compliance	E009	04/08/2025	Chromium, total	0.0011 U	mg/L
18D	Compliance	E009	04/08/2025	Cobalt, total	0.00140	mg/L
18D	Compliance	E009	04/08/2025	Dissolved Oxygen	0.360	mg/L
18D	Compliance	E009	04/08/2025	Fluoride, total	0.140	mg/L
18D	Compliance	E009	04/08/2025	Lead, total	0.00038 J	mg/L
18D	Compliance	E009	04/08/2025	Lithium, total	0.0250	mg/L
18D	Compliance	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
18D	Compliance	E009	04/08/2025	Molybdenum, total	0.0330	mg/L
18D	Compliance	E009	04/08/2025	Oxidation Reduction Potential	-8.10	mV
18D	Compliance	E009	04/08/2025	pH (field)	7.0	SU
18D	Compliance	E009	04/08/2025	Radium 226 + Radium 228, total	0.219	pCi/L
18D	Compliance	E009	04/08/2025	Selenium, total	0.001 J	mg/L
18D	Compliance	E009	04/08/2025	Specific Conductance @ 25C (field)	818	micromhos/cm
18D	Compliance	E009	04/08/2025	Sulfate, total	100	mg/L
18D	Compliance	E009	04/08/2025	Temperature	15.7	degrees C
18D	Compliance	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
18D	Compliance	E009	04/08/2025	Total Dissolved Solids	540	mg/L
18D	Compliance	E009	04/08/2025	Turbidity, field	101	NTU
45S	Compliance	E009	04/08/2025	Antimony, total	0.0013 U	mg/L
45S	Compliance	E009	04/08/2025	Arsenic, total	0.00044 J	mg/L
45S	Compliance	E009	04/08/2025	Barium, total	0.0950	mg/L
45S	Compliance	E009	04/08/2025	Beryllium, total	0.00053 U	mg/L
45S	Compliance	E009	04/08/2025	Boron, total	0.330	mg/L
45S	Compliance	E009	04/08/2025	Cadmium, total	0.00120	mg/L
45S	Compliance	E009	04/08/2025	Calcium, total	110	mg/L
45S	Compliance	E009	04/08/2025	Chloride, total	90.0	mg/L
45S	Compliance	E009	04/08/2025	Chromium, total	0.0011 U	mg/L
45S	Compliance	E009	04/08/2025	Cobalt, total	0.00230	mg/L
45S	Compliance	E009	04/08/2025	Dissolved Oxygen	1.19	mg/L
45S	Compliance	E009	04/08/2025	Fluoride, total	0.230	mg/L
45S	Compliance	E009	04/08/2025	Lead, total	0.00110 J+	mg/L
45S	Compliance	E009	04/08/2025	Lithium, total	0.0170	mg/L
45S	Compliance	E009	04/08/2025	Mercury, total	0.000076 U	mg/L
45S	Compliance	E009	04/08/2025	Molybdenum, total	0.0470	mg/L
45S	Compliance	E009	04/08/2025	Oxidation Reduction Potential	96.3	mV
45S	Compliance	E009	04/08/2025	pH (field)	7.0	SU
45S	Compliance	E009	04/08/2025	Radium 226 + Radium 228, total	0.34	pCi/L
45S	Compliance	E009	04/08/2025	Selenium, total	0.00098 U	mg/L
45S	Compliance	E009	04/08/2025	Specific Conductance @ 25C (field)	924	micromhos/cm
45S	Compliance	E009	04/08/2025	Sulfate, total	150	mg/L
45S	Compliance	E009	04/08/2025	Temperature	15.8	degrees C
45S	Compliance	E009	04/08/2025	Thallium, total	0.00057 U	mg/L
45S	Compliance	E009	04/08/2025	Total Dissolved Solids	600	mg/L
45S	Compliance	E009	04/08/2025	Turbidity, field	12	NTU

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

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):
NR[1] = Parameter not analyzed.
NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS[3] = The location was not accessible; therefore, a sample was not collected.
NS[4] = The location could not be found; therefore, a sample was not collected.
NS[5] = The location was damaged; therefore, a sample was not collected.
NS[6] = Sampling pump could not yield a sample.
NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS[8] = A sample was not collected.
PM[1] = 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 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
07	Background	E010	07/17/2025	Antimony, total	0.0013 U	mg/L
07	Background	E010	07/17/2025	Arsenic, total	0.00023 U	mg/L
07	Background	E010	07/17/2025	Barium, total	0.110 J+	mg/L
07	Background	E010	07/17/2025	Beryllium, total	0.00053 U	mg/L
07	Background	E010	07/17/2025	Boron, total	0.0670 J+	mg/L
07	Background	E010	07/17/2025	Cadmium, total	0.00017 U	mg/L
07	Background	E010	07/17/2025	Calcium, total	130 J+	mg/L
07	Background	E010	07/17/2025	Chloride, total	65.0	mg/L
07	Background	E010	07/17/2025	Chromium, total	0.0011 U	mg/L
07	Background	E010	07/17/2025	Cobalt, total	0.00450	mg/L
07	Background	E010	07/17/2025	Dissolved Oxygen	5.78	mg/L
07	Background	E010	07/17/2025	Fluoride, total	0.180 J+	mg/L
07	Background	E010	07/17/2025	Lead, total	0.00019 U	mg/L
07	Background	E010	07/17/2025	Lithium, total	0.00970 J+	mg/L
07	Background	E010	07/17/2025	Mercury, total	0.000076 U	mg/L
07	Background	E010	07/17/2025	Molybdenum, total	0.0025 U	mg/L
07	Background	E010	07/17/2025	Oxidation Reduction Potential	207	mV
07	Background	E010	07/17/2025	pH (field)	6.8	SU
07	Background	E010	07/17/2025	Radium 226 + Radium 228, total	1.28	pCi/L
07	Background	E010	07/17/2025	Selenium, total	0.00098 U	mg/L
07	Background	E010	07/17/2025	Specific Conductance @ 25C (field)	970	micromhos/cm
07	Background	E010	07/17/2025	Sulfate, total	64.0 J+	mg/L
07	Background	E010	07/17/2025	Temperature	12.1	degrees C
07	Background	E010	07/17/2025	Thallium, total	0.00057 U	mg/L
07	Background	E010	07/17/2025	Total Dissolved Solids	670 J+	mg/L
07	Background	E010	07/17/2025	Turbidity, field	4.32	NTU
08	Background	E010	07/17/2025	Antimony, total	0.0013 U	mg/L
08	Background	E010	07/17/2025	Arsenic, total	0.00023 U	mg/L
08	Background	E010	07/17/2025	Barium, total	0.110 J+	mg/L
08	Background	E010	07/17/2025	Beryllium, total	0.00053 U	mg/L
08	Background	E010	07/17/2025	Boron, total	0.110 J+	mg/L
08	Background	E010	07/17/2025	Cadmium, total	0.000560	mg/L
08	Background	E010	07/17/2025	Calcium, total	160 J+	mg/L
08	Background	E010	07/17/2025	Chloride, total	210	mg/L
08	Background	E010	07/17/2025	Chromium, total	0.0011 U	mg/L
08	Background	E010	07/17/2025	Cobalt, total	0.00340	mg/L
08	Background	E010	07/17/2025	Dissolved Oxygen	0.750	mg/L
08	Background	E010	07/17/2025	Fluoride, total	0.140 J+	mg/L
08	Background	E010	07/17/2025	Lead, total	0.00038 J	mg/L
08	Background	E010	07/17/2025	Lithium, total	0.0160 J+	mg/L
08	Background	E010	07/17/2025	Mercury, total	0.000076 U	mg/L
08	Background	E010	07/17/2025	Molybdenum, total	0.0025 U	mg/L
08	Background	E010	07/17/2025	Oxidation Reduction Potential	172	mV
08	Background	E010	07/17/2025	pH (field)	6.8	SU
08	Background	E010	07/17/2025	Radium 226 + Radium 228, total	0.497	pCi/L
08	Background	E010	07/17/2025	Selenium, total	0.00098 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
08	Background	E010	07/17/2025	Specific Conductance @ 25C (field)	1,513	micromhos/cm
08	Background	E010	07/17/2025	Sulfate, total	99.0 J+	mg/L
08	Background	E010	07/17/2025	Temperature	14.2	degrees C
08	Background	E010	07/17/2025	Thallium, total	0.00057 U	mg/L
08	Background	E010	07/17/2025	Total Dissolved Solids	1,100 J+	mg/L
08	Background	E010	07/17/2025	Turbidity, field	6.72	NTU
08D	Background	E010	07/17/2025	Antimony, total	0.0013 U	mg/L
08D	Background	E010	07/17/2025	Arsenic, total	0.00023 U	mg/L
08D	Background	E010	07/17/2025	Barium, total	0.110 J+	mg/L
08D	Background	E010	07/17/2025	Beryllium, total	0.00053 U	mg/L
08D	Background	E010	07/17/2025	Boron, total	0.110 J+	mg/L
08D	Background	E010	07/17/2025	Cadmium, total	0.00026 J	mg/L
08D	Background	E010	07/17/2025	Calcium, total	190 J+	mg/L
08D	Background	E010	07/17/2025	Chloride, total	260	mg/L
08D	Background	E010	07/17/2025	Chromium, total	0.0011 U	mg/L
08D	Background	E010	07/17/2025	Cobalt, total	0.00260	mg/L
08D	Background	E010	07/17/2025	Dissolved Oxygen	1.20	mg/L
08D	Background	E010	07/17/2025	Fluoride, total	0.160 J+	mg/L
08D	Background	E010	07/17/2025	Lead, total	0.00034 J	mg/L
08D	Background	E010	07/17/2025	Lithium, total	0.0150 J+	mg/L
08D	Background	E010	07/17/2025	Mercury, total	0.00038 U	mg/L
08D	Background	E010	07/17/2025	Molybdenum, total	0.0025 U	mg/L
08D	Background	E010	07/17/2025	Oxidation Reduction Potential	168	mV
08D	Background	E010	07/17/2025	pH (field)	6.5	SU
08D	Background	E010	07/17/2025	Radium 226 + Radium 228, total	0.36	pCi/L
08D	Background	E010	07/17/2025	Selenium, total	0.00098 U	mg/L
08D	Background	E010	07/17/2025	Specific Conductance @ 25C (field)	1,777	micromhos/cm
08D	Background	E010	07/17/2025	Sulfate, total	170 J+	mg/L
08D	Background	E010	07/17/2025	Temperature	15.9	degrees C
08D	Background	E010	07/17/2025	Thallium, total	0.00057 U	mg/L
08D	Background	E010	07/17/2025	Total Dissolved Solids	1,100 J+	mg/L
08D	Background	E010	07/17/2025	Turbidity, field	5.07	NTU
03R	Compliance	E010	07/15/2025	Antimony, total	0.0013 U	mg/L
03R	Compliance	E010	07/15/2025	Arsenic, total	0.001 UJ	mg/L
03R	Compliance	E010	07/15/2025	Barium, total	0.0600 J+	mg/L
03R	Compliance	E010	07/15/2025	Beryllium, total	0.00053 U	mg/L
03R	Compliance	E010	07/15/2025	Boron, total	0.480	mg/L
03R	Compliance	E010	07/15/2025	Cadmium, total	0.00017 U	mg/L
03R	Compliance	E010	07/15/2025	Calcium, total	91.0 J+	mg/L
03R	Compliance	E010	07/15/2025	Chloride, total	88.0	mg/L
03R	Compliance	E010	07/15/2025	Chromium, total	0.0011 U	mg/L
03R	Compliance	E010	07/15/2025	Cobalt, total	0.0004 U	mg/L
03R	Compliance	E010	07/15/2025	Dissolved Oxygen	0.800	mg/L
03R	Compliance	E010	07/15/2025	Fluoride, total	0.370 J+	mg/L
03R	Compliance	E010	07/15/2025	Lead, total	0.00019 U	mg/L
03R	Compliance	E010	07/15/2025	Lithium, total	0.0180 J+	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
03R	Compliance	E010	07/15/2025	Mercury, total	0.000076 U	mg/L
03R	Compliance	E010	07/15/2025	Molybdenum, total	0.0720	mg/L
03R	Compliance	E010	07/15/2025	Oxidation Reduction Potential	78.7	mV
03R	Compliance	E010	07/15/2025	pH (field)	7.5	SU
03R	Compliance	E010	07/15/2025	Radium 226 + Radium 228, total	0.649	pCi/L
03R	Compliance	E010	07/15/2025	Selenium, total	0.00620	mg/L
03R	Compliance	E010	07/15/2025	Specific Conductance @ 25C (field)	846	micromhos/cm
03R	Compliance	E010	07/15/2025	Sulfate, total	86.0 J+	mg/L
03R	Compliance	E010	07/15/2025	Temperature	18.8	degrees C
03R	Compliance	E010	07/15/2025	Thallium, total	0.00057 U	mg/L
03R	Compliance	E010	07/15/2025	Total Dissolved Solids	540 J+	mg/L
03R	Compliance	E010	07/15/2025	Turbidity, field	3.35	NTU
18S	Compliance	E010	07/15/2025	Antimony, total	0.0013 U	mg/L
18S	Compliance	E010	07/15/2025	Arsenic, total	0.001 UJ	mg/L
18S	Compliance	E010	07/15/2025	Barium, total	0.0610 J+	mg/L
18S	Compliance	E010	07/15/2025	Beryllium, total	0.00053 U	mg/L
18S	Compliance	E010	07/15/2025	Boron, total	2.30	mg/L
18S	Compliance	E010	07/15/2025	Cadmium, total	0.00017 U	mg/L
18S	Compliance	E010	07/15/2025	Calcium, total	97.0 J+	mg/L
18S	Compliance	E010	07/15/2025	Chloride, total	79.0	mg/L
18S	Compliance	E010	07/15/2025	Chromium, total	0.0011 U	mg/L
18S	Compliance	E010	07/15/2025	Cobalt, total	0.0004 U	mg/L
18S	Compliance	E010	07/15/2025	Dissolved Oxygen	0.830	mg/L
18S	Compliance	E010	07/15/2025	Fluoride, total	0.250 J+	mg/L
18S	Compliance	E010	07/15/2025	Lead, total	0.00019 U	mg/L
18S	Compliance	E010	07/15/2025	Lithium, total	0.0520	mg/L
18S	Compliance	E010	07/15/2025	Mercury, total	0.000076 U	mg/L
18S	Compliance	E010	07/15/2025	Molybdenum, total	0.140	mg/L
18S	Compliance	E010	07/15/2025	Oxidation Reduction Potential	99.1	mV
18S	Compliance	E010	07/15/2025	pH (field)	7.6	SU
18S	Compliance	E010	07/15/2025	Radium 226 + Radium 228, total	0.248	pCi/L
18S	Compliance	E010	07/15/2025	Selenium, total	0.0210	mg/L
18S	Compliance	E010	07/15/2025	Specific Conductance @ 25C (field)	835	micromhos/cm
18S	Compliance	E010	07/15/2025	Sulfate, total	130 J+	mg/L
18S	Compliance	E010	07/15/2025	Temperature	18.2	degrees C
18S	Compliance	E010	07/15/2025	Thallium, total	0.00057 U	mg/L
18S	Compliance	E010	07/15/2025	Total Dissolved Solids	580 J+	mg/L
18S	Compliance	E010	07/15/2025	Turbidity, field	2.15	NTU
18D	Compliance	E010	07/15/2025	Antimony, total	0.0013 U	mg/L
18D	Compliance	E010	07/15/2025	Arsenic, total	0.001 UJ	mg/L
18D	Compliance	E010	07/15/2025	Barium, total	0.0660 J+	mg/L
18D	Compliance	E010	07/15/2025	Beryllium, total	0.00053 U	mg/L
18D	Compliance	E010	07/15/2025	Boron, total	1.20	mg/L
18D	Compliance	E010	07/15/2025	Cadmium, total	0.00036 J	mg/L
18D	Compliance	E010	07/15/2025	Calcium, total	94.0 J+	mg/L
18D	Compliance	E010	07/15/2025	Chloride, total	80.0	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
18D	Compliance	E010	07/15/2025	Chromium, total	0.0011 U	mg/L
18D	Compliance	E010	07/15/2025	Cobalt, total	0.00150	mg/L
18D	Compliance	E010	07/15/2025	Dissolved Oxygen	0.750	mg/L
18D	Compliance	E010	07/15/2025	Fluoride, total	0.220 J+	mg/L
18D	Compliance	E010	07/15/2025	Lead, total	0.00019 U	mg/L
18D	Compliance	E010	07/15/2025	Lithium, total	0.0240	mg/L
18D	Compliance	E010	07/15/2025	Mercury, total	0.000076 U	mg/L
18D	Compliance	E010	07/15/2025	Molybdenum, total	0.0310	mg/L
18D	Compliance	E010	07/15/2025	Oxidation Reduction Potential	11.2	mV
18D	Compliance	E010	07/15/2025	pH (field)	7.4	SU
18D	Compliance	E010	07/15/2025	Radium 226 + Radium 228, total	0.616	pCi/L
18D	Compliance	E010	07/15/2025	Selenium, total	0.0016 J	mg/L
18D	Compliance	E010	07/15/2025	Specific Conductance @ 25C (field)	851	micromhos/cm
18D	Compliance	E010	07/15/2025	Sulfate, total	97.0 J+	mg/L
18D	Compliance	E010	07/15/2025	Temperature	18.6	degrees C
18D	Compliance	E010	07/15/2025	Thallium, total	0.00057 U	mg/L
18D	Compliance	E010	07/15/2025	Total Dissolved Solids	530 J+	mg/L
18D	Compliance	E010	07/15/2025	Turbidity, field	7.20	NTU
45S	Compliance	E010	07/15/2025	Antimony, total	0.0013 U	mg/L
45S	Compliance	E010	07/15/2025	Arsenic, total	0.001 UJ	mg/L
45S	Compliance	E010	07/15/2025	Barium, total	0.0920 J+	mg/L
45S	Compliance	E010	07/15/2025	Beryllium, total	0.00053 U	mg/L
45S	Compliance	E010	07/15/2025	Boron, total	0.320	mg/L
45S	Compliance	E010	07/15/2025	Cadmium, total	0.00160	mg/L
45S	Compliance	E010	07/15/2025	Calcium, total	110 J+	mg/L
45S	Compliance	E010	07/15/2025	Chloride, total	100	mg/L
45S	Compliance	E010	07/15/2025	Chromium, total	0.0011 U	mg/L
45S	Compliance	E010	07/15/2025	Cobalt, total	0.00280	mg/L
45S	Compliance	E010	07/15/2025	Dissolved Oxygen	0.390	mg/L
45S	Compliance	E010	07/15/2025	Fluoride, total	0.320 J+	mg/L
45S	Compliance	E010	07/15/2025	Lead, total	0.00042 J	mg/L
45S	Compliance	E010	07/15/2025	Lithium, total	0.0150 J+	mg/L
45S	Compliance	E010	07/15/2025	Mercury, total	0.000076 U	mg/L
45S	Compliance	E010	07/15/2025	Molybdenum, total	0.0420	mg/L
45S	Compliance	E010	07/15/2025	Oxidation Reduction Potential	93.3	mV
45S	Compliance	E010	07/15/2025	pH (field)	7.1	SU
45S	Compliance	E010	07/15/2025	Radium 226 + Radium 228, total	0.305	pCi/L
45S	Compliance	E010	07/15/2025	Selenium, total	0.00098 U	mg/L
45S	Compliance	E010	07/15/2025	Specific Conductance @ 25C (field)	1,000	micromhos/cm
45S	Compliance	E010	07/15/2025	Sulfate, total	85.0 J+	mg/L
45S	Compliance	E010	07/15/2025	Temperature	18.6	degrees C
45S	Compliance	E010	07/15/2025	Thallium, total	0.00057 U	mg/L
45S	Compliance	E010	07/15/2025	Total Dissolved Solids	630 J+	mg/L
45S	Compliance	E010	07/15/2025	Turbidity, field	7.24	NTU

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

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):
NR[1] = Parameter not analyzed.
NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS[3] = The location was not accessible; therefore, a sample was not collected.
NS[4] = The location could not be found; therefore, a sample was not collected.
NS[5] = The location was damaged; therefore, a sample was not collected.
NS[6] = Sampling pump could not yield a sample.
NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS[8] = A sample was not collected.
PM[1] = 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
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
07	Background	E011	11/05/2025	Antimony, total	0.00043 U	mg/L
07	Background	E011	11/05/2025	Arsenic, total	0.00069 U	mg/L
07	Background	E011	11/05/2025	Barium, total	0.100	mg/L
07	Background	E011	11/05/2025	Beryllium, total	0.00059 U	mg/L
07	Background	E011	11/05/2025	Boron, total	0.0690	mg/L
07	Background	E011	11/05/2025	Cadmium, total	0.00074 U	mg/L
07	Background	E011	11/05/2025	Calcium, total	130	mg/L
07	Background	E011	11/05/2025	Chloride, total	100	mg/L
07	Background	E011	11/05/2025	Chromium, total	0.0028 U	mg/L
07	Background	E011	11/05/2025	Cobalt, total	0.00290	mg/L
07	Background	E011	11/05/2025	Dissolved Oxygen	6.00	mg/L
07	Background	E011	11/05/2025	Fluoride, total	0.2 U	mg/L
07	Background	E011	11/05/2025	Lead, total	0.00022 U	mg/L
07	Background	E011	11/05/2025	Lithium, total	0.0076 J	mg/L
07	Background	E011	11/05/2025	Mercury, total	0.00014 U	mg/L
07	Background	E011	11/05/2025	Molybdenum, total	0.00074 U	mg/L
07	Background	E011	11/05/2025	Oxidation Reduction Potential	146	mV
07	Background	E011	11/05/2025	pH (field)	7.2	SU
07	Background	E011	11/05/2025	Radium 226 + Radium 228, total	0.747	pCi/L
07	Background	E011	11/05/2025	Selenium, total	0.00074 U	mg/L
07	Background	E011	11/05/2025	Specific Conductance @ 25C (field)	1,183	micromhos/cm
07	Background	E011	11/05/2025	Sulfate, total	64.0	mg/L
07	Background	E011	11/05/2025	Temperature	12.9	degrees C
07	Background	E011	11/05/2025	Thallium, total	0.00038 U	mg/L
07	Background	E011	11/05/2025	Total Dissolved Solids	540	mg/L
07	Background	E011	11/05/2025	Turbidity, field	0 U	NTU
08	Background	E011	11/03/2025	Antimony, total	0.00043 U	mg/L
08	Background	E011	11/03/2025	Arsenic, total	0.00069 U	mg/L
08	Background	E011	11/03/2025	Barium, total	0.110	mg/L
08	Background	E011	11/03/2025	Beryllium, total	0.00059 U	mg/L
08	Background	E011	11/03/2025	Boron, total	0.110	mg/L
08	Background	E011	11/03/2025	Cadmium, total	0.00074 U	mg/L
08	Background	E011	11/03/2025	Calcium, total	200	mg/L
08	Background	E011	11/03/2025	Chloride, total	370	mg/L
08	Background	E011	11/03/2025	Chromium, total	0.0028 U	mg/L
08	Background	E011	11/03/2025	Cobalt, total	0.00280	mg/L
08	Background	E011	11/03/2025	Dissolved Oxygen	2.70	mg/L
08	Background	E011	11/03/2025	Fluoride, total	0.2 U	mg/L
08	Background	E011	11/03/2025	Lead, total	0.00062 J	mg/L
08	Background	E011	11/03/2025	Lithium, total	0.014 J	mg/L
08	Background	E011	11/03/2025	Mercury, total	0.00014 U	mg/L
08	Background	E011	11/03/2025	Molybdenum, total	0.00097 J	mg/L
08	Background	E011	11/03/2025	Oxidation Reduction Potential	101	mV
08	Background	E011	11/03/2025	pH (field)	6.7	SU
08	Background	E011	11/03/2025	Radium 226 + Radium 228, total	0.871	pCi/L
08	Background	E011	11/03/2025	Selenium, total	0.00074 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
08	Background	E011	11/03/2025	Specific Conductance @ 25C (field)	2,108	micromhos/cm
08	Background	E011	11/03/2025	Sulfate, total	120	mg/L
08	Background	E011	11/03/2025	Temperature	15.1	degrees C
08	Background	E011	11/03/2025	Thallium, total	0.00038 U	mg/L
08	Background	E011	11/03/2025	Total Dissolved Solids	1,000	mg/L
08	Background	E011	11/03/2025	Turbidity, field	5.70	NTU
08D	Background	E011	11/05/2025	Antimony, total	0.00043 U	mg/L
08D	Background	E011	11/05/2025	Arsenic, total	0.00069 U	mg/L
08D	Background	E011	11/05/2025	Barium, total	0.0930	mg/L
08D	Background	E011	11/05/2025	Beryllium, total	0.00059 U	mg/L
08D	Background	E011	11/05/2025	Boron, total	0.0920	mg/L
08D	Background	E011	11/05/2025	Cadmium, total	0.00074 U	mg/L
08D	Background	E011	11/05/2025	Calcium, total	180	mg/L
08D	Background	E011	11/05/2025	Chloride, total	330	mg/L
08D	Background	E011	11/05/2025	Chromium, total	0.0028 U	mg/L
08D	Background	E011	11/05/2025	Cobalt, total	0.00340	mg/L
08D	Background	E011	11/05/2025	Dissolved Oxygen	0.0300	mg/L
08D	Background	E011	11/05/2025	Fluoride, total	0.2 U	mg/L
08D	Background	E011	11/05/2025	Lead, total	0.00022 U	mg/L
08D	Background	E011	11/05/2025	Lithium, total	0.011 J	mg/L
08D	Background	E011	11/05/2025	Mercury, total	0.00014 U	mg/L
08D	Background	E011	11/05/2025	Molybdenum, total	0.00097 J	mg/L
08D	Background	E011	11/05/2025	Oxidation Reduction Potential	119	mV
08D	Background	E011	11/05/2025	pH (field)	6.8	SU
08D	Background	E011	11/05/2025	Radium 226 + Radium 228, total	0.146	pCi/L
08D	Background	E011	11/05/2025	Selenium, total	0.00074 U	mg/L
08D	Background	E011	11/05/2025	Specific Conductance @ 25C (field)	2,120	micromhos/cm
08D	Background	E011	11/05/2025	Sulfate, total	160	mg/L
08D	Background	E011	11/05/2025	Temperature	14.7	degrees C
08D	Background	E011	11/05/2025	Thallium, total	0.00038 U	mg/L
08D	Background	E011	11/05/2025	Total Dissolved Solids	1,000	mg/L
08D	Background	E011	11/05/2025	Turbidity, field	3.50	NTU
03R	Compliance	E011	11/03/2025	Antimony, total	0.00043 U	mg/L
03R	Compliance	E011	11/03/2025	Arsenic, total	0.00069 U	mg/L
03R	Compliance	E011	11/03/2025	Barium, total	0.0520	mg/L
03R	Compliance	E011	11/03/2025	Beryllium, total	0.00059 U	mg/L
03R	Compliance	E011	11/03/2025	Boron, total	0.510	mg/L
03R	Compliance	E011	11/03/2025	Cadmium, total	0.00074 U	mg/L
03R	Compliance	E011	11/03/2025	Calcium, total	84.0	mg/L
03R	Compliance	E011	11/03/2025	Chloride, total	100	mg/L
03R	Compliance	E011	11/03/2025	Chromium, total	0.0028 U	mg/L
03R	Compliance	E011	11/03/2025	Cobalt, total	0.00048 U	mg/L
03R	Compliance	E011	11/03/2025	Dissolved Oxygen	0	mg/L
03R	Compliance	E011	11/03/2025	Fluoride, total	0.270	mg/L
03R	Compliance	E011	11/03/2025	Lead, total	0.00022 U	mg/L
03R	Compliance	E011	11/03/2025	Lithium, total	0.016 J	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
03R	Compliance	E011	11/03/2025	Mercury, total	0.00016 J	mg/L
03R	Compliance	E011	11/03/2025	Molybdenum, total	0.0570	mg/L
03R	Compliance	E011	11/03/2025	Oxidation Reduction Potential	89.3	mV
03R	Compliance	E011	11/03/2025	pH (field)	7.2	SU
03R	Compliance	E011	11/03/2025	Radium 226 + Radium 228, total	0.473	pCi/L
03R	Compliance	E011	11/03/2025	Selenium, total	0.00400	mg/L
03R	Compliance	E011	11/03/2025	Specific Conductance @ 25C (field)	922	micromhos/cm
03R	Compliance	E011	11/03/2025	Sulfate, total	78.0	mg/L
03R	Compliance	E011	11/03/2025	Temperature	17.4	degrees C
03R	Compliance	E011	11/03/2025	Thallium, total	0.00038 U	mg/L
03R	Compliance	E011	11/03/2025	Total Dissolved Solids	440	mg/L
03R	Compliance	E011	11/03/2025	Turbidity, field	3.50	NTU
18S	Compliance	E011	11/04/2025	Antimony, total	0.00043 U	mg/L
18S	Compliance	E011	11/04/2025	Arsenic, total	0.00069 U	mg/L
18S	Compliance	E011	11/04/2025	Barium, total	0.0500	mg/L
18S	Compliance	E011	11/04/2025	Beryllium, total	0.00059 U	mg/L
18S	Compliance	E011	11/04/2025	Boron, total	2.10	mg/L
18S	Compliance	E011	11/04/2025	Cadmium, total	0.00074 U	mg/L
18S	Compliance	E011	11/04/2025	Calcium, total	87.0	mg/L
18S	Compliance	E011	11/04/2025	Chloride, total	82.0	mg/L
18S	Compliance	E011	11/04/2025	Chromium, total	0.0028 U	mg/L
18S	Compliance	E011	11/04/2025	Cobalt, total	0.00048 U	mg/L
18S	Compliance	E011	11/04/2025	Dissolved Oxygen	0.0200	mg/L
18S	Compliance	E011	11/04/2025	Fluoride, total	0.2 U	mg/L
18S	Compliance	E011	11/04/2025	Lead, total	0.00022 U	mg/L
18S	Compliance	E011	11/04/2025	Lithium, total	0.0410	mg/L
18S	Compliance	E011	11/04/2025	Mercury, total	0.00014 U	mg/L
18S	Compliance	E011	11/04/2025	Molybdenum, total	0.120	mg/L
18S	Compliance	E011	11/04/2025	Oxidation Reduction Potential	136	mV
18S	Compliance	E011	11/04/2025	pH (field)	7.3	SU
18S	Compliance	E011	11/04/2025	Radium 226 + Radium 228, total	0.485	pCi/L
18S	Compliance	E011	11/04/2025	Selenium, total	0.0150	mg/L
18S	Compliance	E011	11/04/2025	Specific Conductance @ 25C (field)	911	micromhos/cm
18S	Compliance	E011	11/04/2025	Sulfate, total	110	mg/L
18S	Compliance	E011	11/04/2025	Temperature	16.9	degrees C
18S	Compliance	E011	11/04/2025	Thallium, total	0.00038 U	mg/L
18S	Compliance	E011	11/04/2025	Total Dissolved Solids	460	mg/L
18S	Compliance	E011	11/04/2025	Turbidity, field	2.20	NTU
18D	Compliance	E011	11/03/2025	Antimony, total	0.00043 U	mg/L
18D	Compliance	E011	11/03/2025	Arsenic, total	0.00069 U	mg/L
18D	Compliance	E011	11/03/2025	Barium, total	0.0580	mg/L
18D	Compliance	E011	11/03/2025	Beryllium, total	0.00059 U	mg/L
18D	Compliance	E011	11/03/2025	Boron, total	1.20	mg/L
18D	Compliance	E011	11/03/2025	Cadmium, total	0.00074 U	mg/L
18D	Compliance	E011	11/03/2025	Calcium, total	91.0	mg/L
18D	Compliance	E011	11/03/2025	Chloride, total	95.0	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
18D	Compliance	E011	11/03/2025	Chromium, total	0.0028 U	mg/L
18D	Compliance	E011	11/03/2025	Cobalt, total	0.0014 J	mg/L
18D	Compliance	E011	11/03/2025	Dissolved Oxygen	0.0100	mg/L
18D	Compliance	E011	11/03/2025	Fluoride, total	0.2 U	mg/L
18D	Compliance	E011	11/03/2025	Lead, total	0.00022 U	mg/L
18D	Compliance	E011	11/03/2025	Lithium, total	0.0230	mg/L
18D	Compliance	E011	11/03/2025	Mercury, total	0.00014 U	mg/L
18D	Compliance	E011	11/03/2025	Molybdenum, total	0.0300	mg/L
18D	Compliance	E011	11/03/2025	Oxidation Reduction Potential	87.7	mV
18D	Compliance	E011	11/03/2025	pH (field)	7.2	SU
18D	Compliance	E011	11/03/2025	Radium 226 + Radium 228, total	1.13	pCi/L
18D	Compliance	E011	11/03/2025	Selenium, total	0.00074 U	mg/L
18D	Compliance	E011	11/03/2025	Specific Conductance @ 25C (field)	942	micromhos/cm
18D	Compliance	E011	11/03/2025	Sulfate, total	96.0	mg/L
18D	Compliance	E011	11/03/2025	Temperature	17.2	degrees C
18D	Compliance	E011	11/03/2025	Thallium, total	0.00038 U	mg/L
18D	Compliance	E011	11/03/2025	Total Dissolved Solids	490	mg/L
18D	Compliance	E011	11/03/2025	Turbidity, field	4.30	NTU
45S	Compliance	E011	11/04/2025	Antimony, total	0.00043 U	mg/L
45S	Compliance	E011	11/04/2025	Arsenic, total	0.00069 U	mg/L
45S	Compliance	E011	11/04/2025	Barium, total	0.0670	mg/L
45S	Compliance	E011	11/04/2025	Beryllium, total	0.00059 U	mg/L
45S	Compliance	E011	11/04/2025	Boron, total	0.380	mg/L
45S	Compliance	E011	11/04/2025	Cadmium, total	0.00099 J	mg/L
45S	Compliance	E011	11/04/2025	Calcium, total	88.0	mg/L
45S	Compliance	E011	11/04/2025	Chloride, total	94.0	mg/L
45S	Compliance	E011	11/04/2025	Chromium, total	0.0028 U	mg/L
45S	Compliance	E011	11/04/2025	Cobalt, total	0.00072 J	mg/L
45S	Compliance	E011	11/04/2025	Dissolved Oxygen	0.0100	mg/L
45S	Compliance	E011	11/04/2025	Fluoride, total	0.24 J	mg/L
45S	Compliance	E011	11/04/2025	Lead, total	0.00022 U	mg/L
45S	Compliance	E011	11/04/2025	Lithium, total	0.011 J	mg/L
45S	Compliance	E011	11/04/2025	Mercury, total	0.00014 U	mg/L
45S	Compliance	E011	11/04/2025	Molybdenum, total	0.0380	mg/L
45S	Compliance	E011	11/04/2025	Oxidation Reduction Potential	99.1	mV
45S	Compliance	E011	11/04/2025	pH (field)	7.2	SU
45S	Compliance	E011	11/04/2025	Radium 226 + Radium 228, total	1.02	pCi/L
45S	Compliance	E011	11/04/2025	Selenium, total	0.00074 U	mg/L
45S	Compliance	E011	11/04/2025	Specific Conductance @ 25C (field)	1,001	micromhos/cm
45S	Compliance	E011	11/04/2025	Sulfate, total	65.0	mg/L
45S	Compliance	E011	11/04/2025	Temperature	18.6	degrees C
45S	Compliance	E011	11/04/2025	Thallium, total	0.00038 U	mg/L
45S	Compliance	E011	11/04/2025	Total Dissolved Solids	460	mg/L
45S	Compliance	E011	11/04/2025	Turbidity, field	2.90	NTU

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 4, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

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):
NR[1] = Parameter not analyzed.
NR[2] = Data has been rejected following data quality review.
NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS[3] = The location was not accessible; therefore, a sample was not collected.
NS[4] = The location could not be found; therefore, a sample was not collected.
NS[5] = The location was damaged; therefore, a sample was not collected.
NS[6] = Sampling pump could not yield a sample.
NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS[8] = A sample was not collected.
PM[1] = 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 (REVISED JANUARY 21, 2026)
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
03R	UA	E008	Antimony, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.003	0.006	Standard	No Exceedance
03R	UA	E008	Arsenic, total	mg/L	12/09/15 - 01/14/25	30	100	All ND - Last	0.001	0.010	Standard	No Exceedance
03R	UA	E008	Barium, total	mg/L	12/09/15 - 01/14/25	32	0	CI around geomean	0.0618	2.0	Standard	No Exceedance
03R	UA	E008	Beryllium, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.001	0.004	Standard	No Exceedance
03R	UA	E008	Boron, total	mg/L	12/09/15 - 01/14/25	36	0	CB around T-S line	0.352	2	Standard	No Exceedance
03R	UA	E008	Cadmium, total	mg/L	12/09/15 - 01/14/25	31	94	CB around T-S line	0.00059	0.005	Standard	No Exceedance
03R	UA	E008	Chloride, total	mg/L	12/09/15 - 01/14/25	36	0	CI around geomean	71.4	435	Background	No Exceedance
03R	UA	E008	Chromium, total	mg/L	12/09/15 - 01/14/25	30	93	CB around T-S line	0.0015	0.1	Standard	No Exceedance
03R	UA	E008	Cobalt, total	mg/L	12/09/15 - 01/14/25	31	97	CI around median	0.001	0.0380	Background	No Exceedance
03R	UA	E008	Fluoride, total	mg/L	12/09/15 - 01/14/25	33	3	CI around median	0.27	4.0	Standard	No Exceedance
03R	UA	E008	Lead, total	mg/L	12/09/15 - 01/14/25	30	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
03R	UA	E008	Lithium, total	mg/L	12/09/15 - 01/14/25	35	0	CB around linear reg	0.0172	0.04	Standard	No Exceedance
03R	UA	E008	Mercury, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
03R	UA	E008	Molybdenum, total	mg/L	12/09/15 - 01/14/25	35	0	CB around linear reg	0.0647	0.1	Standard	No Exceedance
03R	UA	E008	pH (field)	SU	12/09/15 - 01/14/25	39	0	CI around mean	7.2/7.3	6.5/9.0	Standard/Standard	No Exceedance
03R	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 01/14/25	30	0	CI around median	0.28	5	Standard	No Exceedance
03R	UA	E008	Selenium, total	mg/L	12/09/15 - 01/14/25	32	6	CI around mean	0.00473	0.05	Standard	No Exceedance
03R	UA	E008	Sulfate, total	mg/L	12/09/15 - 01/14/25	35	0	CB around linear reg	71	400	Standard	No Exceedance
03R	UA	E008	Thallium, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.002	0.002	Standard	No Exceedance
03R	UA	E008	Total Dissolved Solids	mg/L	12/09/15 - 01/14/25	36	0	CI around mean	512	1,620	Background	No Exceedance
18S	UA	E008	Antimony, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.003	0.006	Standard	--
18S	UA	E008	Arsenic, total	mg/L	12/09/15 - 01/14/25	30	97	CI around median	0.001	0.010	Standard	--
18S	UA	E008	Barium, total	mg/L	12/09/15 - 01/14/25	32	0	CB around linear reg	0.0501	2.0	Standard	--
18S	UA	E008	Beryllium, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.001	0.004	Standard	--
18S	UA	E008	Boron, total	mg/L	12/09/15 - 01/14/25	36	0	CB around T-S line	0.95	2	Standard	--
18S	UA	E008	Cadmium, total	mg/L	12/09/15 - 01/14/25	31	90	CB around T-S line	0.000562	0.005	Standard	--
18S	UA	E008	Chloride, total	mg/L	12/09/15 - 01/14/25	36	0	CI around mean	65.7	435	Background	--

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025 (REVISED JANUARY 21, 2026)
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
18S	UA	E008	Chromium, total	mg/L	12/09/15 - 01/14/25	31	58	CB around T-S line	0.0015	0.1	Standard	--
18S	UA	E008	Cobalt, total	mg/L	12/09/15 - 01/14/25	31	94	CB around T-S line	0.001	0.0380	Background	--
18S	UA	E008	Fluoride, total	mg/L	12/09/15 - 01/14/25	33	3	CB around T-S line	0.171	4.0	Standard	--
18S	UA	E008	Lead, total	mg/L	12/09/15 - 01/14/25	30	100	All ND - Last	0.0005	0.0075	Standard	--
18S	UA	E008	Lithium, total	mg/L	12/09/15 - 01/14/25	35	0	CB around T-S line	0.0318	0.04	Standard	--
18S	UA	E008	Mercury, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.0002	0.002	Standard	--
18S	UA	E008	Molybdenum, total	mg/L	12/09/15 - 01/14/25	35	0	CB around linear reg	0.0782	0.1	Standard	--
18S	UA	E008	pH (field)	SU	12/09/15 - 01/14/25	39	0	CI around median	7.3/7.4	6.5/9.0	Standard/Standard	--
18S	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 01/14/25	30	0	CI around mean	0.347	5	Standard	--
18S	UA	E008	Selenium, total	mg/L	12/09/15 - 01/14/25	32	0	CB around T-S line	0.00336	0.05	Standard	--
18S	UA	E008	Sulfate, total	mg/L	12/09/15 - 01/14/25	36	0	CB around T-S line	84.6	400	Standard	--
18S	UA	E008	Thallium, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.002	0.002	Standard	--
18S	UA	E008	Total Dissolved Solids	mg/L	12/09/15 - 01/14/25	36	0	CB around T-S line	481	1,620	Background	--
18D	UA	E008	Antimony, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.003	0.006	Standard	--
18D	UA	E008	Arsenic, total	mg/L	12/09/15 - 01/14/25	30	100	All ND - Last	0.001	0.010	Standard	--
18D	UA	E008	Barium, total	mg/L	12/09/15 - 01/14/25	32	0	CB around T-S line	0.0612	2.0	Standard	--
18D	UA	E008	Beryllium, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.001	0.004	Standard	--
18D	UA	E008	Boron, total	mg/L	12/09/15 - 01/14/25	36	0	CB around linear reg	1.1	2	Standard	--
18D	UA	E008	Cadmium, total	mg/L	12/09/15 - 01/14/25	31	94	CB around T-S line	0.000758	0.005	Standard	--
18D	UA	E008	Chloride, total	mg/L	12/09/15 - 01/14/25	36	0	CI around mean	75.5	435	Background	--
18D	UA	E008	Chromium, total	mg/L	12/09/15 - 01/14/25	30	93	CB around T-S line	0.00172	0.1	Standard	--
18D	UA	E008	Cobalt, total	mg/L	12/09/15 - 01/14/25	32	0	CB around linear reg	-0.000389	0.0380	Background	--
18D	UA	E008	Fluoride, total	mg/L	12/09/15 - 01/14/25	33	3	CI around median	0.15	4.0	Standard	--
18D	UA	E008	Lead, total	mg/L	12/09/15 - 01/14/25	30	93	CB around T-S line	0.00083	0.0075	Standard	--
18D	UA	E008	Lithium, total	mg/L	12/09/15 - 01/14/25	35	0	CB around linear reg	0.0224	0.04	Standard	--
18D	UA	E008	Mercury, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.0002	0.002	Standard	--
18D	UA	E008	Molybdenum, total	mg/L	12/09/15 - 01/14/25	35	0	CI around median	0.0315	0.1	Standard	--

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025 (REVISED JANUARY 21, 2026)
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
18D	UA	E008	pH (field)	SU	12/09/15 - 01/14/25	39	0	CI around median	7.2/7.2	6.5/9.0	Standard/Standard	--
18D	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 01/14/25	30	0	CI around mean	0.57	5	Standard	--
18D	UA	E008	Selenium, total	mg/L	12/09/15 - 01/14/25	31	94	CB around T-S line	0.001	0.05	Standard	--
18D	UA	E008	Sulfate, total	mg/L	12/09/15 - 01/14/25	36	0	CB around linear reg	86.9	400	Standard	--
18D	UA	E008	Thallium, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.002	0.002	Standard	--
18D	UA	E008	Total Dissolved Solids	mg/L	12/09/15 - 01/14/25	36	0	CB around T-S line	478	1,620	Background	--
45S	UA	E008	Antimony, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.003	0.006	Standard	No Exceedance
45S	UA	E008	Arsenic, total	mg/L	12/09/15 - 01/14/25	30	93	CI around median	0.001	0.010	Standard	No Exceedance
45S	UA	E008	Barium, total	mg/L	12/09/15 - 01/14/25	32	0	CB around linear reg	0.0781	2.0	Standard	No Exceedance
45S	UA	E008	Beryllium, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.001	0.004	Standard	No Exceedance
45S	UA	E008	Boron, total	mg/L	12/09/15 - 01/14/25	33	0	CB around linear reg	0.223	2	Standard	No Exceedance
45S	UA	E008	Cadmium, total	mg/L	12/09/15 - 01/14/25	31	39	CB around linear reg	0.000588	0.005	Standard	No Exceedance
45S	UA	E008	Chloride, total	mg/L	12/09/15 - 01/14/25	33	0	CI around mean	81.4	435	Background	No Exceedance
45S	UA	E008	Chromium, total	mg/L	12/09/15 - 01/14/25	31	94	CB around T-S line	0.00175	0.1	Standard	No Exceedance
45S	UA	E008	Cobalt, total	mg/L	12/09/15 - 01/14/25	32	12	CI around geomean	0.00144	0.0380	Background	No Exceedance
45S	UA	E008	Fluoride, total	mg/L	12/09/15 - 01/14/25	33	3	CB around T-S line	0.24	4.0	Standard	No Exceedance
45S	UA	E008	Lead, total	mg/L	12/09/15 - 01/14/25	30	80	CI around median	0.001	0.0075	Standard	No Exceedance
45S	UA	E008	Lithium, total	mg/L	12/09/15 - 01/14/25	32	0	CB around linear reg	0.0108	0.04	Standard	No Exceedance
45S	UA	E008	Mercury, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
45S	UA	E008	Molybdenum, total	mg/L	12/09/15 - 01/14/25	32	0	CB around linear reg	0.0387	0.1	Standard	No Exceedance
45S	UA	E008	pH (field)	SU	12/09/15 - 01/14/25	33	0	CI around mean	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
45S	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 01/14/25	30	0	CI around geomean	0.455	5	Standard	No Exceedance
45S	UA	E008	Selenium, total	mg/L	12/09/15 - 01/14/25	31	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
45S	UA	E008	Sulfate, total	mg/L	12/09/15 - 01/14/25	33	0	CI around median	70	400	Standard	No Exceedance
45S	UA	E008	Thallium, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.002	0.002	Standard	No Exceedance
45S	UA	E008	Total Dissolved Solids	mg/L	12/09/15 - 01/14/25	33	0	CI around mean	527	1,620	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025 (REVISED JANUARY 21, 2026)
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Notes:
-- = no data available
Compliance Result:
- No Exceedance: the statistical result did not exceed 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 Ash Pond No. 2 and Ash Pond No. 4. 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 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):
- NR[1] = Parameter not analyzed.
- NR[2] = Data has been rejected following data quality review.
- NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
- NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
- NS[3] = The location was not accessible; therefore, a sample was not collected.
- NS[4] = The location could not be found; therefore, a sample was not collected.
- NS[5] = The location was damaged; therefore, a sample was not collected.
- NS[6] = Sampling pump could not yield a sample.
- NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
- NS[8] = A sample was not collected.
- PM[1] = 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
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
03R	UA	E009	Antimony, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.003	0.006	Standard	No Exceedance
03R	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/07/25	31	100	All ND - Last	0.001	0.010	Standard	No Exceedance
03R	UA	E009	Barium, total	mg/L	12/09/15 - 04/07/25	33	0	CI around geomean	0.0615	2.0	Standard	No Exceedance
03R	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.001	0.004	Standard	No Exceedance
03R	UA	E009	Boron, total	mg/L	12/09/15 - 04/07/25	37	0	CB around T-S line	0.347	2	Standard	No Exceedance
03R	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/07/25	32	94	CB around T-S line	0.000647	0.005	Standard	No Exceedance
03R	UA	E009	Chloride, total	mg/L	12/09/15 - 04/07/25	37	0	CI around geomean	71.6	435	Background	No Exceedance
03R	UA	E009	Chromium, total	mg/L	12/09/15 - 04/07/25	31	94	CB around T-S line	0.0015	0.1	Standard	No Exceedance
03R	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/07/25	32	97	CI around median	0.001	0.0380	Background	No Exceedance
03R	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/07/25	34	3	CI around median	0.27	4.0	Standard	No Exceedance
03R	UA	E009	Lead, total	mg/L	12/09/15 - 04/07/25	31	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
03R	UA	E009	Lithium, total	mg/L	12/09/15 - 04/07/25	36	0	CB around linear reg	0.0171	0.04	Standard	No Exceedance
03R	UA	E009	Mercury, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
03R	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/07/25	36	0	CB around linear reg	0.0609	0.1	Standard	No Exceedance
03R	UA	E009	pH (field)	SU	12/09/15 - 04/07/25	40	0	CB around T-S line	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
03R	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/07/25	31	0	CI around median	0.319	5	Standard	No Exceedance
03R	UA	E009	Selenium, total	mg/L	12/09/15 - 04/07/25	33	6	CI around mean	0.00474	0.05	Standard	No Exceedance
03R	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/07/25	36	0	CB around linear reg	69.9	400	Standard	No Exceedance
03R	UA	E009	Thallium, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.002	0.002	Standard	No Exceedance
03R	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/07/25	37	0	CI around mean	511	1,620	Background	No Exceedance
18S	UA	E009	Antimony, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.003	0.006	Standard	No Exceedance
18S	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/07/25	31	97	CI around median	0.001	0.010	Standard	No Exceedance
18S	UA	E009	Barium, total	mg/L	12/09/15 - 04/07/25	33	0	CB around linear reg	0.0496	2.0	Standard	No Exceedance
18S	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.001	0.004	Standard	No Exceedance
18S	UA	E009	Boron, total	mg/L	12/09/15 - 04/07/25	37	0	CB around T-S line	0.862	2	Standard	No Exceedance
18S	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/07/25	32	91	CB around T-S line	0.000577	0.005	Standard	No Exceedance
18S	UA	E009	Chloride, total	mg/L	12/09/15 - 04/07/25	37	0	CI around mean	65.9	435	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
18S	UA	E009	Chromium, total	mg/L	12/09/15 - 04/07/25	32	59	CB around T-S line	0.0015	0.1	Standard	No Exceedance
18S	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/07/25	32	94	CB around T-S line	0.001	0.0380	Background	No Exceedance
18S	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/07/25	34	3	CB around T-S line	0.172	4.0	Standard	No Exceedance
18S	UA	E009	Lead, total	mg/L	12/09/15 - 04/07/25	31	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
18S	UA	E009	Lithium, total	mg/L	12/09/15 - 04/07/25	36	0	CB around T-S line	0.0319	0.04	Standard	No Exceedance
18S	UA	E009	Mercury, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
18S	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/07/25	36	0	CB around linear reg	0.0755	0.1	Standard	No Exceedance
18S	UA	E009	pH (field)	SU	12/09/15 - 04/07/25	40	0	CI around median	7.3/7.4	6.5/9.0	Standard/Standard	No Exceedance
18S	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/07/25	31	0	CI around mean	0.352	5	Standard	No Exceedance
18S	UA	E009	Selenium, total	mg/L	12/09/15 - 04/07/25	33	0	CB around T-S line	0.00182	0.05	Standard	No Exceedance
18S	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/07/25	37	0	CB around T-S line	85.4	400	Standard	No Exceedance
18S	UA	E009	Thallium, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.002	0.002	Standard	No Exceedance
18S	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/07/25	37	0	CB around T-S line	478	1,620	Background	No Exceedance
18D	UA	E009	Antimony, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.003	0.006	Standard	No Exceedance
18D	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/08/25	31	100	All ND - Last	0.001	0.010	Standard	No Exceedance
18D	UA	E009	Barium, total	mg/L	12/09/15 - 04/08/25	33	0	CB around T-S line	0.0606	2.0	Standard	No Exceedance
18D	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.001	0.004	Standard	No Exceedance
18D	UA	E009	Boron, total	mg/L	12/09/15 - 04/08/25	37	0	CB around linear reg	1.08	2	Standard	No Exceedance
18D	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/08/25	32	94	CB around T-S line	0.000737	0.005	Standard	No Exceedance
18D	UA	E009	Chloride, total	mg/L	12/09/15 - 04/08/25	37	0	CI around mean	75.6	435	Background	No Exceedance
18D	UA	E009	Chromium, total	mg/L	12/09/15 - 04/08/25	31	94	CB around T-S line	0.00176	0.1	Standard	No Exceedance
18D	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/08/25	33	0	CB around linear reg	-0.000476	0.0380	Background	No Exceedance
18D	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/08/25	34	3	CI around median	0.15	4.0	Standard	No Exceedance
18D	UA	E009	Lead, total	mg/L	12/09/15 - 04/08/25	31	94	CB around T-S line	0.000809	0.0075	Standard	No Exceedance
18D	UA	E009	Lithium, total	mg/L	12/09/15 - 04/08/25	36	0	CB around linear reg	0.0223	0.04	Standard	No Exceedance
18D	UA	E009	Mercury, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
18D	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/08/25	36	0	CI around median	0.0315	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
18D	UA	E009	pH (field)	SU	12/09/15 - 04/08/25	40	0	CI around median	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
18D	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/08/25	31	0	CI around mean	0.554	5	Standard	No Exceedance
18D	UA	E009	Selenium, total	mg/L	12/09/15 - 04/08/25	32	94	CB around T-S line	0.001	0.05	Standard	No Exceedance
18D	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/08/25	37	0	CB around linear reg	86.9	400	Standard	No Exceedance
18D	UA	E009	Thallium, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.002	0.002	Standard	No Exceedance
18D	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/08/25	37	0	CB around T-S line	469	1,620	Background	No Exceedance
45S	UA	E009	Antimony, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.003	0.006	Standard	No Exceedance
45S	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/08/25	31	94	CI around median	0.001	0.010	Standard	No Exceedance
45S	UA	E009	Barium, total	mg/L	12/09/15 - 04/08/25	33	0	CB around linear reg	0.0795	2.0	Standard	No Exceedance
45S	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.001	0.004	Standard	No Exceedance
45S	UA	E009	Boron, total	mg/L	12/09/15 - 04/08/25	34	0	CB around linear reg	0.225	2	Standard	No Exceedance
45S	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/08/25	32	38	CB around linear reg	0.000606	0.005	Standard	No Exceedance
45S	UA	E009	Chloride, total	mg/L	12/09/15 - 04/08/25	34	0	CI around mean	81.7	435	Background	No Exceedance
45S	UA	E009	Chromium, total	mg/L	12/09/15 - 04/08/25	32	94	CB around T-S line	0.00165	0.1	Standard	No Exceedance
45S	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/08/25	33	12	CI around geomean	0.00146	0.0380	Background	No Exceedance
45S	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/08/25	34	3	CB around T-S line	0.233	4.0	Standard	No Exceedance
45S	UA	E009	Lead, total	mg/L	12/09/15 - 04/08/25	31	77	CI around median	0.001	0.0075	Standard	No Exceedance
45S	UA	E009	Lithium, total	mg/L	12/09/15 - 04/08/25	33	0	CB around linear reg	0.0111	0.04	Standard	No Exceedance
45S	UA	E009	Mercury, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
45S	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/08/25	33	0	CB around linear reg	0.038	0.1	Standard	No Exceedance
45S	UA	E009	pH (field)	SU	12/09/15 - 04/08/25	34	0	CI around mean	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
45S	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/08/25	31	0	CI around geomean	0.449	5	Standard	No Exceedance
45S	UA	E009	Selenium, total	mg/L	12/09/15 - 04/08/25	32	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
45S	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/08/25	34	0	CI around median	70	400	Standard	No Exceedance
45S	UA	E009	Thallium, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.002	0.002	Standard	No Exceedance
45S	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/08/25	34	0	CI around mean	529	1,620	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Notes:
Compliance Result:
- No Exceedance: the statistical result did not exceed 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 Ash Pond No. 2 and Ash Pond No. 4. 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):
- NR[1] = Parameter not analyzed.
- NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
- NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
- NS[3] = The location was not accessible; therefore, a sample was not collected.
- NS[4] = The location could not be found; therefore, a sample was not collected.
- NS[5] = The location was damaged; therefore, a sample was not collected.
- NS[6] = Sampling pump could not yield a sample.
- NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
- NS[8] = A sample was not collected.
- PM[1] = 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
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
03R	UA	E010	Antimony, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.003	0.006	Standard	No Exceedance
03R	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/15/25	32	100	All ND - Last	0.001	0.010	Standard	No Exceedance
03R	UA	E010	Barium, total	mg/L	12/09/15 - 07/15/25	34	0	CI around geomean	0.0615	2.0	Standard	No Exceedance
03R	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.001	0.004	Standard	No Exceedance
03R	UA	E010	Boron, total	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	0.241	2	Standard	No Exceedance
03R	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.000625	0.005	Standard	No Exceedance
03R	UA	E010	Chloride, total	mg/L	12/09/15 - 07/15/25	38	0	CI around geomean	71.9	435	Background	No Exceedance
03R	UA	E010	Chromium, total	mg/L	12/09/15 - 07/15/25	32	94	CB around T-S line	0.00177	0.1	Standard	No Exceedance
03R	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/15/25	33	97	CI around median	0.001	0.0380	Background	No Exceedance
03R	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/15/25	35	3	CI around median	0.27	4.0	Standard	No Exceedance
03R	UA	E010	Lead, total	mg/L	12/09/15 - 07/15/25	32	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
03R	UA	E010	Lithium, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	0.0166	0.04	Standard	No Exceedance
03R	UA	E010	Mercury, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
03R	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	0.0564	0.1	Standard	No Exceedance
03R	UA	E010	pH (field)	SU	12/09/15 - 07/15/25	41	0	CI around mean	7.2/7.3	6.5/9.0	Standard/Standard	No Exceedance
03R	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/15/25	32	0	CI around median	0.319	5	Standard	No Exceedance
03R	UA	E010	Selenium, total	mg/L	12/09/15 - 07/15/25	34	6	CI around mean	0.00479	0.05	Standard	No Exceedance
03R	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	70	400	Standard	No Exceedance
03R	UA	E010	Thallium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.002	0.002	Standard	No Exceedance
03R	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/15/25	38	0	CI around mean	511	1,620	Background	No Exceedance
18S	UA	E010	Antimony, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.003	0.006	Standard	No Exceedance
18S	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/15/25	32	97	CI around median	0.001	0.010	Standard	No Exceedance
18S	UA	E010	Barium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	0.0497	2.0	Standard	No Exceedance
18S	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.001	0.004	Standard	No Exceedance
18S	UA	E010	Boron, total	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	1.07	2	Standard	No Exceedance
18S	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/15/25	33	91	CB around T-S line	0.000543	0.005	Standard	No Exceedance
18S	UA	E010	Chloride, total	mg/L	12/09/15 - 07/15/25	38	0	CB around linear reg	68.6	435	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
18S	UA	E010	Chromium, total	mg/L	12/09/15 - 07/15/25	33	61	CB around T-S line	0.00154	0.1	Standard	No Exceedance
18S	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.001	0.0380	Background	No Exceedance
18S	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/15/25	35	3	CB around T-S line	0.174	4.0	Standard	No Exceedance
18S	UA	E010	Lead, total	mg/L	12/09/15 - 07/15/25	32	100	All ND - Last	0.0005	0.0075	Standard	No Exceedance
18S	UA	E010	Lithium, total	mg/L	12/09/15 - 07/15/25	37	0	CB around T-S line	0.0293	0.04	Standard	No Exceedance
18S	UA	E010	Mercury, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
18S	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	0.0725	0.1	Standard	No Exceedance
18S	UA	E010	pH (field)	SU	12/09/15 - 07/15/25	41	0	CI around median	7.3/7.4	6.5/9.0	Standard/Standard	No Exceedance
18S	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/15/25	32	0	CI around mean	0.348	5	Standard	No Exceedance
18S	UA	E010	Selenium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around T-S line	0.00178	0.05	Standard	No Exceedance
18S	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	84.1	400	Standard	No Exceedance
18S	UA	E010	Thallium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.002	0.002	Standard	No Exceedance
18S	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	476	1,620	Background	No Exceedance
18D	UA	E010	Antimony, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.003	0.006	Standard	No Exceedance
18D	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/15/25	32	100	All ND - Last	0.001	0.010	Standard	No Exceedance
18D	UA	E010	Barium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around T-S line	0.0607	2.0	Standard	No Exceedance
18D	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.001	0.004	Standard	No Exceedance
18D	UA	E010	Boron, total	mg/L	12/09/15 - 07/15/25	38	0	CB around linear reg	1.06	2	Standard	No Exceedance
18D	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.000694	0.005	Standard	No Exceedance
18D	UA	E010	Chloride, total	mg/L	12/09/15 - 07/15/25	38	0	CI around mean	75.8	435	Background	No Exceedance
18D	UA	E010	Chromium, total	mg/L	12/09/15 - 07/15/25	32	94	CB around T-S line	0.00178	0.1	Standard	No Exceedance
18D	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	-0.000586	0.0380	Background	No Exceedance
18D	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/15/25	35	3	CI around median	0.15	4.0	Standard	No Exceedance
18D	UA	E010	Lead, total	mg/L	12/09/15 - 07/15/25	32	94	CB around T-S line	0.000761	0.0075	Standard	No Exceedance
18D	UA	E010	Lithium, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	0.0222	0.04	Standard	No Exceedance
18D	UA	E010	Mercury, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
18D	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/15/25	37	0	CI around median	0.0315	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
18D	UA	E010	pH (field)	SU	12/09/15 - 07/15/25	41	0	CI around median	7.2/7.2	6.5/9.0	Standard/Standard	No Exceedance
18D	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/15/25	32	0	CI around mean	0.557	5	Standard	No Exceedance
18D	UA	E010	Selenium, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.001	0.05	Standard	No Exceedance
18D	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/15/25	38	0	CB around linear reg	86.4	400	Standard	No Exceedance
18D	UA	E010	Thallium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.002	0.002	Standard	No Exceedance
18D	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	472	1,620	Background	No Exceedance
45S	UA	E010	Antimony, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.003	0.006	Standard	No Exceedance
45S	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/15/25	32	94	CI around median	0.001	0.010	Standard	No Exceedance
45S	UA	E010	Barium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	0.0805	2.0	Standard	No Exceedance
45S	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.001	0.004	Standard	No Exceedance
45S	UA	E010	Boron, total	mg/L	12/09/15 - 07/15/25	35	0	CB around linear reg	0.225	2	Standard	No Exceedance
45S	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/15/25	33	36	CB around linear reg	0.000643	0.005	Standard	No Exceedance
45S	UA	E010	Chloride, total	mg/L	12/09/15 - 07/15/25	35	0	CI around mean	82.2	435	Background	No Exceedance
45S	UA	E010	Chromium, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.00181	0.1	Standard	No Exceedance
45S	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/15/25	34	12	CI around geomean	0.00149	0.0380	Background	No Exceedance
45S	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/15/25	35	3	CB around T-S line	0.233	4.0	Standard	No Exceedance
45S	UA	E010	Lead, total	mg/L	12/09/15 - 07/15/25	32	78	CI around median	0.001	0.0075	Standard	No Exceedance
45S	UA	E010	Lithium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	0.0112	0.04	Standard	No Exceedance
45S	UA	E010	Mercury, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
45S	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	0.0368	0.1	Standard	No Exceedance
45S	UA	E010	pH (field)	SU	12/09/15 - 07/15/25	35	0	CI around mean	7.1/7.2	6.5/9.0	Standard/Standard	No Exceedance
45S	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/15/25	32	0	CI around geomean	0.442	5	Standard	No Exceedance
45S	UA	E010	Selenium, total	mg/L	12/09/15 - 07/15/25	33	100	All ND - Last	0.0025	0.05	Standard	No Exceedance
45S	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/15/25	35	0	CI around median	70	400	Standard	No Exceedance
45S	UA	E010	Thallium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.002	0.002	Standard	No Exceedance
45S	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/15/25	35	0	CI around mean	531	1,620	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Notes:
Compliance Result:
- No Exceedance: the statistical result did not exceed 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 Ash Pond No. 2 and Ash Pond No. 4. 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):
- NR[1] = Parameter not analyzed.
- NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
- NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
- NS[3] = The location was not accessible; therefore, a sample was not collected.
- NS[4] = The location could not be found; therefore, a sample was not collected.
- NS[5] = The location was damaged; therefore, a sample was not collected.
- NS[6] = Sampling pump could not yield a sample.
- NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
- NS[8] = A sample was not collected.
- PM[1] = 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)
SITE FEATURE
LIMITS OF FINAL COVER
PROPERTY BOUNDARY

0 200 400
Feet

MONITORING WELL LOCATION MAP

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT ASH POND NO.2 AND ASH POND NO.4

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

Y:\Mapping\Projects\22\2285\MXD\845_Operating_Permit\Hennepin\GMP_802\Figure 2-1_Proposed Monitoring Well Network.mxd

PROJECT: 169000XXXX | DATED: 9/29/2021 | DESIGNER: STOLZSD

COMPLIANCE WELL WITHOUT EXCEEDANCE

REGULATED UNIT (SUBJECT UNIT)

SITE FEATURE

LIMITS OF FINAL COVER

PROPERTY BOUNDARY

0 175 350
Feet

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

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
ASH POND NO.2 AND ASH POND NO.4

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 2

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

Y:\Mapping\Projects\22\2285\MXD\845_AnnualGWM\2023\HEN\802_805\Figure 2_HEN 802 805 GWPS UA.mxd
PROJECT: 169000XXXX | DATED: 1/17/2024 | DESIGNER: GALARNMC

COMPLIANCE MONITORING WELL
BACKGROUND MONITORING WELL
MONITORING WELL
PORE WATER WELL
STAFF GAGE, CCR UNIT
GROUNDWATER ELEVATION CONTOUR (1 FT CONTOUR INTERVAL, NAVD88)
INFERRED GROUNDWATER ELEVATION CONTOUR
GROUNDWATER FLOW DIRECTION
REGULATED UNIT (SUBJECT UNIT)
SITE FEATURE
NonCCR_Units
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.

0 175 350
Feet

POTENTIOMETRIC SURFACE MAP JANUARY 13, 2025

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT ASH POND NO.2 AND ASH POND NO.4

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 3

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

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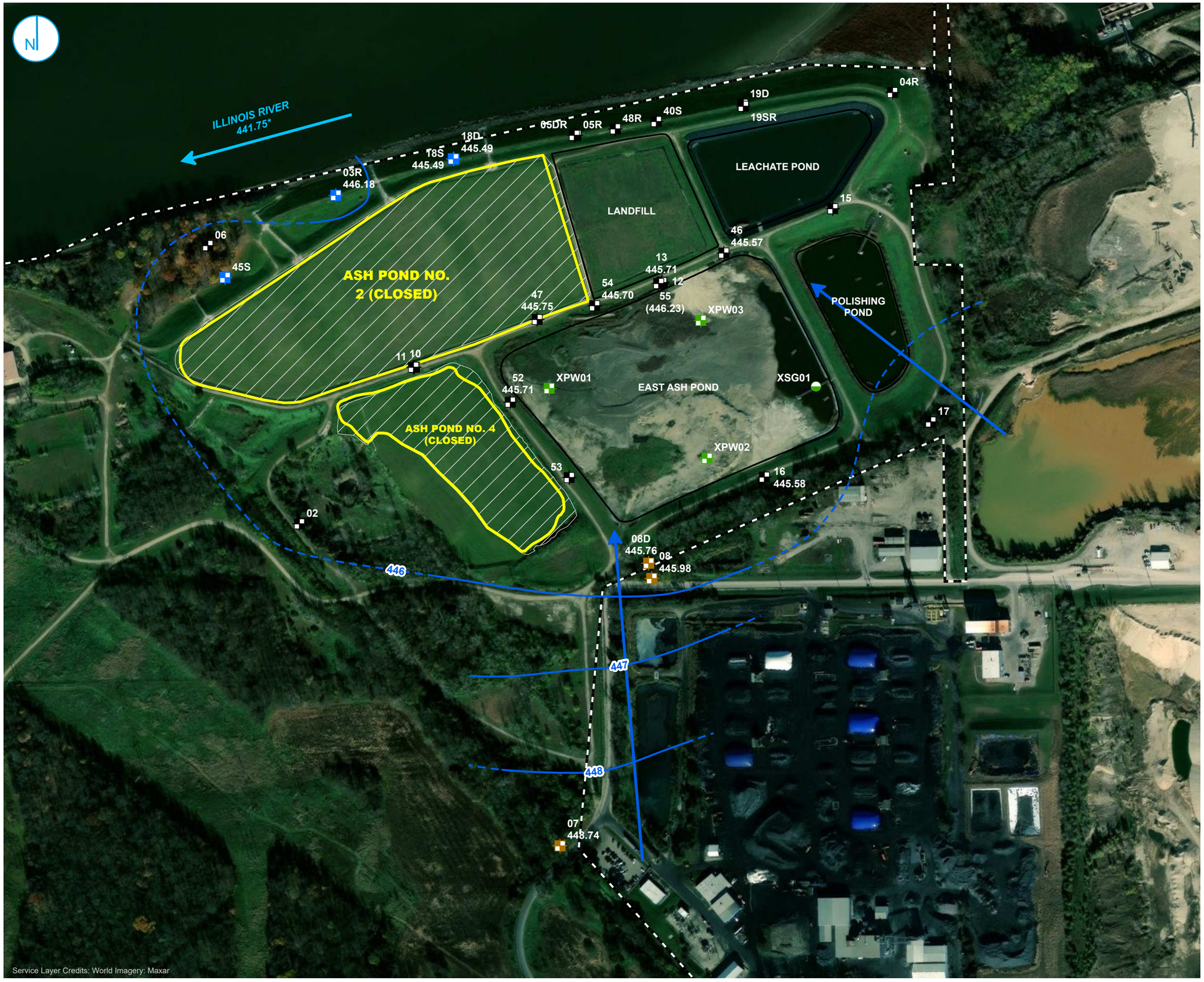
PROJECT: 169000XXXX | DATED: 4/23/2025 | DESIGNER: PWYSIATKO



- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- PORE WATER WELL
- STAFF GAGE, CCR UNIT
- 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.

0 175 350
Feet

POTENTIOMETRIC SURFACE MAP FEBRUARY 7, 2025

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT ASH POND NO.2 AND ASH POND NO.4

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 4

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

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PROJECT: 169000XXXX | DATED: 6/12/2025 | DESIGNER: PWYSIATKO

- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- PORE WATER WELL
- STAFF GAGE, CCR UNIT
- 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.

0 175 350
Feet

POTENTIOMETRIC SURFACE MAP MARCH 7, 2025

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT ASH POND NO.2 AND ASH POND NO.4

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 5

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

COMPLIANCE MONITORING WELL
BACKGROUND MONITORING WELL
MONITORING WELL
PORE WATER WELL
STAFF GAGE, CCR UNIT
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.

0 175 350
Feet

POTENTIOMETRIC SURFACE MAP
APRIL 7, 2025

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
ASH POND NO.2 AND ASH POND NO.4

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 6

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

Y:\Mapping\Projects\22\22685\MXD\GW_Contours\Round_2025\Hennepin\AP2_802\HEN_802_AP2_2025.aprx\HEN 802 AP2 Pot Surface 20250407

PROJECT: 169000XXXX | DATED: 6/6/2025 | DESIGNER: PWYSIATKO

COMPLIANCE MONITORING WELL
BACKGROUND MONITORING WELL
MONITORING WELL
PORE WATER WELL
STAFF GAGE, CCR UNIT
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.

0 175 350
Feet

POTENTIOMETRIC SURFACE MAP
MAY 14, 2025

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
ASH POND NO.2 AND ASH POND NO.4

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 7

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

Y:\Mapping\Projects\22\22685\MXD\GW_Contours\Round_2025\Hennepin\AP2_802\HEN_802_AP2_2025.aprx\HEN 802 AP2 Pot Surface 20250514

PROJECT: 169000XXXX | DATED: 9/16/2025 | DESIGNER: PWYSIATKO

- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- PORE WATER WELL
- STAFF GAGE, CCR UNIT
- 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.

0 175 350
Feet

POTENTIOMETRIC SURFACE MAP
JUNE 14, 2025

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT ASH POND NO.2 AND ASH POND NO.4

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 8

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

Y:\Mapping\Projects\22\22685\MXD\GW_Contours\Round_2025\Hennepin\AP2_802\HEN_802_AP2_2025.aprx\HEN 802 AP2 Pot Surface 20250614

PROJECT: 169000XXXX | DATED: 9/16/2025 | DESIGNER: PWYSIATKO

- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- PORE WATER WELL
- STAFF GAGE, CCR UNIT
- 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.

0 175 350
Feet

POTENTIOMETRIC SURFACE MAP
JULY 14, 2025

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
ASH POND NO.2 AND ASH POND NO.4

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

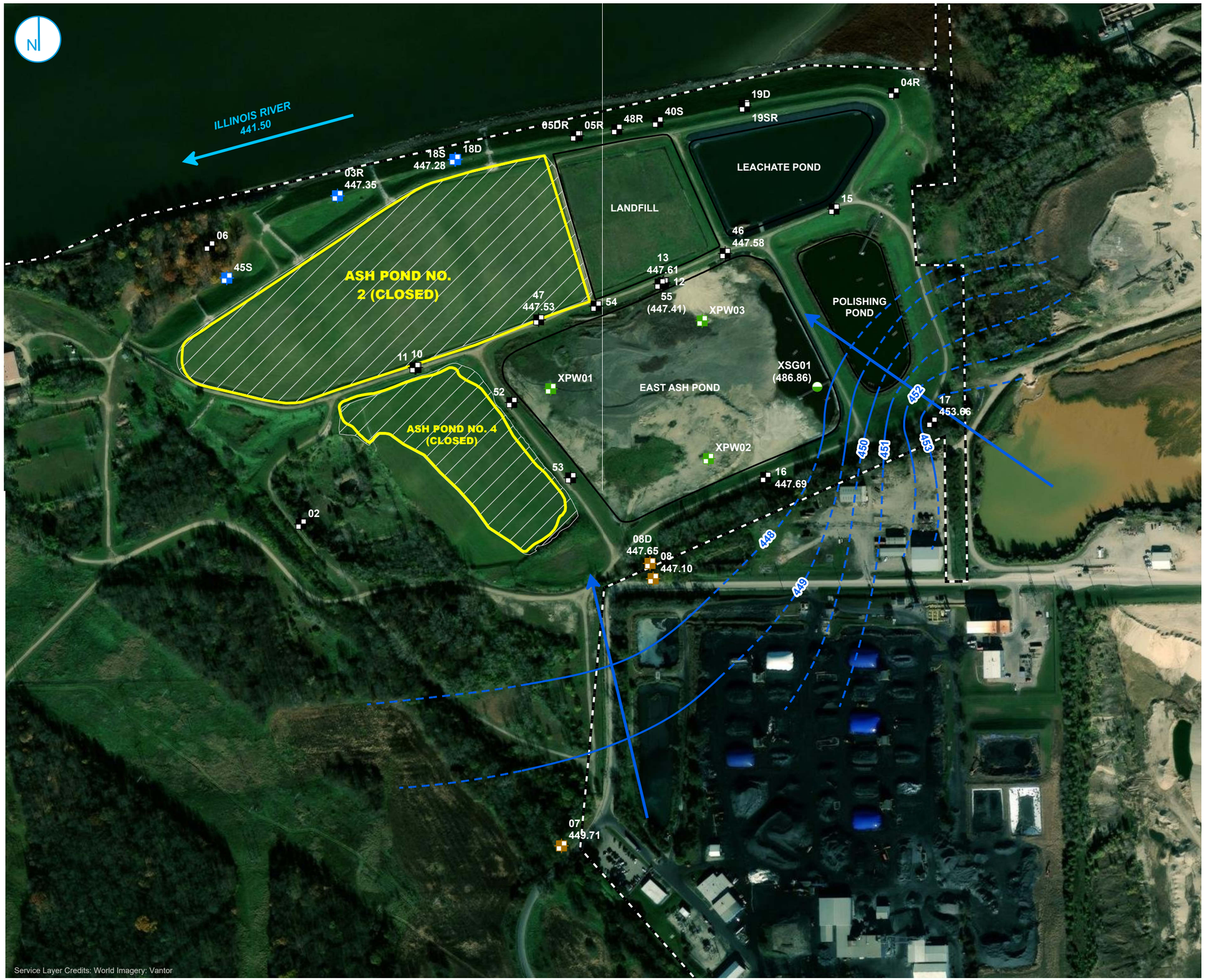
FIGURE 9

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

Y:\Mapping\Projects\22\22685\MXD\GW_Contours\Round_2025\Hennepin\AP2_802\HEN_802_AP2_2025.aprx\HEN 802 AP2 Pot Surface 20250714

PROJECT: 169000XXXX | DATED: 9/12/2025 | DESIGNER: PWYSIATKO



COMPLIANCE MONITORING WELL
BACKGROUND MONITORING WELL
MONITORING WELL
STAFF GAGE, CCR UNIT
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.

0 175 350
Feet

POTENTIOMETRIC SURFACE MAP AUGUST 27, 2025

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT ASH POND NO.2 AND ASH POND NO.4

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 10

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

Y:\Mapping\Projects\22\22851\MXD\GW_Contours\Round_2025\Hennepin\AP2_802\HEN_802_AP2_2025.aprx\HEN 802 AP2 Pot Surface 20250827

PROJECT: 169000XXXX | DATED: 12/18/2025 | DESIGNER: PWYSIATKO

COMPLIANCE MONITORING WELL
BACKGROUND MONITORING WELL
MONITORING WELL
STAFF GAGE, CCR UNIT
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.

0 175 350
Feet

POTENTIOMETRIC SURFACE MAP SEPTEMBER 27, 2025

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT ASH POND NO.2 AND ASH POND NO.4

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 11

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

Y:\Mapping\Projects\22\22851\MXD\GW_Contours\Round_2025\Hennepin\AP2_802\HEN_802_AP2_2025.aprx\HEN 802 AP2 Pot Surface 20250927

PROJECT: 169000XXXX | DATED: 12/18/2025 | DESIGNER: PWYSIATKO

- COMPLIANCE MONITORING WELL
- BACKGROUND MONITORING WELL
- MONITORING WELL
- PORE WATER WELL
- STAFF GAGE, CCR UNIT
- 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.

0 175 350
Feet

POTENTIOMETRIC SURFACE MAP
OCTOBER 27, 2025

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
ASH POND NO.2 AND ASH POND NO.4

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 12

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

Y:\Mapping\Projects\22\22851\MXD\GW_Contours\Round_2025\Hennepin\AP2_802\HEN_802_AP2_2025.aprx\HEN 802 AP2 Pot Surface 20251027
PROJECT: 169000XXXX | DATED: 11/20/2025 | DESIGNER: PWYSIATKO

COMPLIANCE MONITORING WELL
BACKGROUND MONITORING WELL
MONITORING WELL
PORE WATER WELL
STAFF GAGE, CCR UNIT
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.

0 175 350
Feet

POTENTIOMETRIC SURFACE MAP NOVEMBER 17, 2025

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT ASH POND NO.2 AND ASH POND NO.4

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

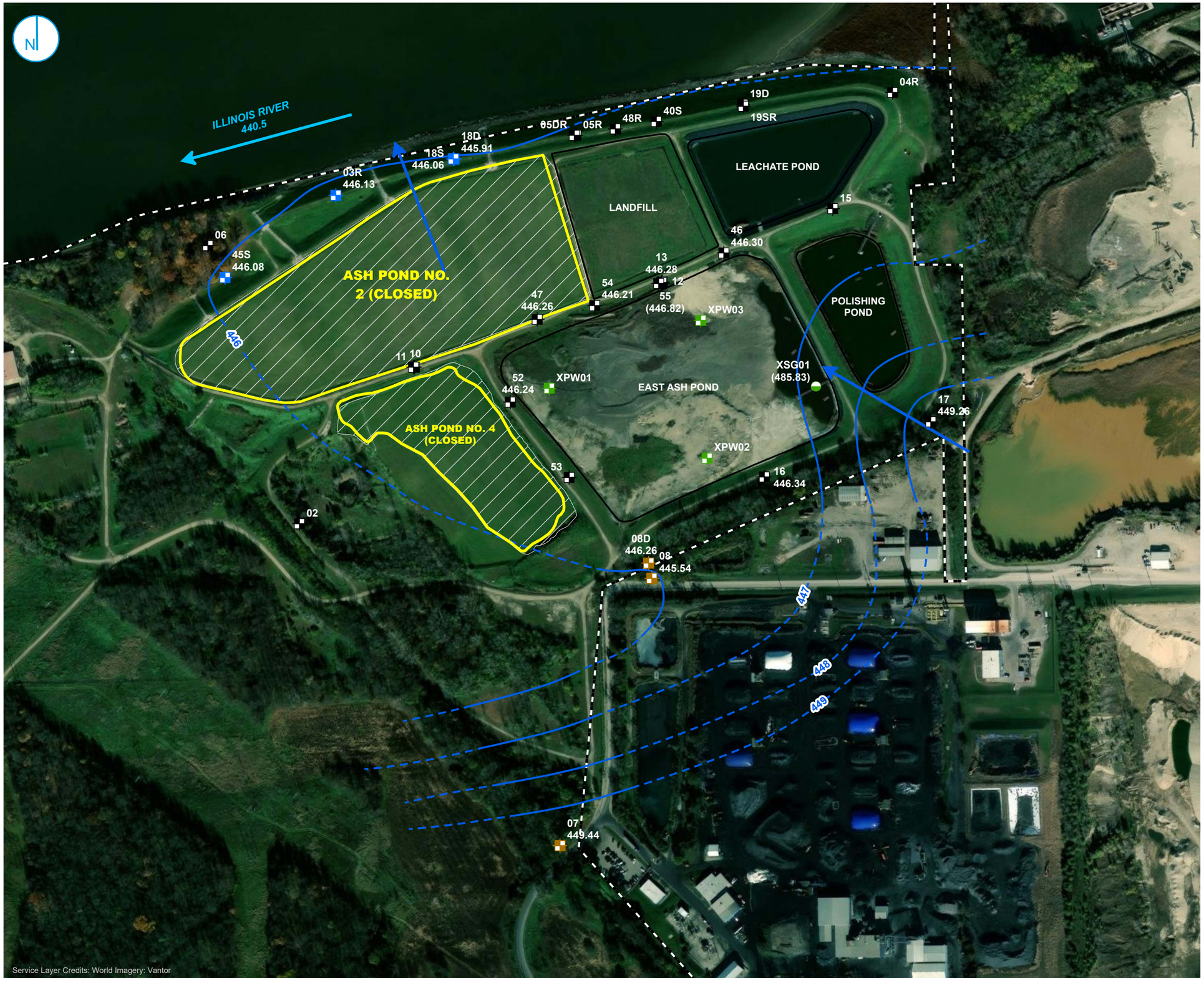
FIGURE 13

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

Y:\Mapping\Projects\22\22851\MXD\GW_Contours\Round_2025\Hennepin\AP2_802\HEN_802_AP2_2025.aprx\HEN 802 AP2 Pot Surface 20251117

PROJECT: 169000XXXX | DATED: 1/7/2026 | DESIGNER: PWYSIATKO



COMPLIANCE MONITORING WELL
BACKGROUND MONITORING WELL
MONITORING WELL
PORE WATER WELL
STAFF GAGE, CCR UNIT
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.

0 175 350
Feet

POTENTIOMETRIC SURFACE MAP DECEMBER 17, 2025

ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT ASH POND NO.2 AND ASH POND NO.4

HENNEPIN POWER PLANT
HENNEPIN, ILLINOIS

FIGURE 14

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL

Y:\Mapping\Projects\22\22685\MXD\GW_Contours\Round_2025\Hennepin\AP2_802\HEN_802_AP2_2025.aprx\HEN 802 AP2 Pot Surface 20251217

PROJECT: 169000XXXX | DATED: 1/7/2026 | DESIGNER: PWYSIATKO

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
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
03R	Compliance	UA	01/13/2025	35.67	446.82
03R	Compliance	UA	02/07/2025	36.30	446.18
03R	Compliance	UA	03/07/2025	36.27	446.21
03R	Compliance	UA	04/07/2025	34.66	447.83
03R	Compliance	UA	05/14/2025	33.89	448.58
03R	Compliance	UA	06/14/2025	34.33	448.14
03R	Compliance	UA	07/14/2025	34.95	447.54
03R	Compliance	UA	08/27/2025	35.13	447.35
03R	Compliance	UA	09/27/2025	36.09	446.39
03R	Compliance	UA	10/27/2025	35.58	446.91
03R	Compliance	UA	11/17/2025	DM[7]	DM[7]
03R	Compliance	UA	12/17/2025	36.36	446.13
07	Background	UA	01/13/2025	69.74	449.05
07	Background	UA	02/07/2025	70.04	448.74
07	Background	UA	03/07/2025	70.34	448.44
07	Background	UA	04/07/2025	69.72	449.07
07	Background	UA	05/14/2025	68.81	449.97
07	Background	UA	06/14/2025	68.92	449.86
07	Background	UA	07/14/2025	69.01	449.78
07	Background	UA	08/27/2025	69.07	449.71
07	Background	UA	09/27/2025	DM[7]	DM[7]
07	Background	UA	10/27/2025	68.84	449.95
07	Background	UA	11/17/2025	DM[7]	DM[7]
07	Background	UA	12/17/2025	69.35	449.44
08	Background	UA	01/13/2025	55.44	446.07
08	Background	UA	02/07/2025	55.52	445.98
08	Background	UA	03/07/2025	55.65	445.85
08	Background	UA	04/07/2025	54.09	447.42
08	Background	UA	05/14/2025	53.24	448.26
08	Background	UA	06/14/2025	53.75	447.75
08	Background	UA	07/14/2025	54.35	447.16
08	Background	UA	08/27/2025	54.40	447.10
08	Background	UA	09/27/2025	DM[7]	DM[7]
08	Background	UA	10/27/2025	54.13	447.38
08	Background	UA	11/17/2025	54.81	446.70
08	Background	UA	12/17/2025	55.97	445.54
08D	Background	UA	01/13/2025	55.75	446.02
08D	Background	UA	02/07/2025	55.99	445.76
08D	Background	UA	03/07/2025	56.07	445.69
08D	Background	UA	04/07/2025	54.35	447.42
08D	Background	UA	05/14/2025	53.63	448.13
08D	Background	UA	06/14/2025	54.30	447.46
08D	Background	UA	07/14/2025	54.84	446.93
08D	Background	UA	08/27/2025	54.11	447.65
08D	Background	UA	09/27/2025	55.12	446.64
08D	Background	UA	10/27/2025	54.61	447.16

ATTACHMENT A
GROUNDWATER ELEVATION DATA
2025 35 I.A.C. § 845 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
08D	Background	UA	11/17/2025	54.35	447.41
08D	Background	UA	12/17/2025	55.51	446.26
18S	Compliance	UA	01/13/2025	42.30	445.68
18S	Compliance	UA	02/07/2025	42.48	445.49
18S	Compliance	UA	03/07/2025	42.42	445.55
18S	Compliance	UA	04/07/2025	40.66	447.32
18S	Compliance	UA	05/14/2025	40.36	447.61
18S	Compliance	UA	06/14/2025	40.80	447.17
18S	Compliance	UA	07/14/2025	41.30	446.68
18S	Compliance	UA	08/27/2025	40.69	447.28
18S	Compliance	UA	09/27/2025	41.66	446.31
18S	Compliance	UA	10/27/2025	41.19	446.79
18S	Compliance	UA	11/17/2025	40.81	447.16
18S	Compliance	UA	12/17/2025	41.92	446.06
18D	Compliance	UA	01/13/2025	42.52	445.52
18D	Compliance	UA	02/07/2025	42.53	445.49
18D	Compliance	UA	03/07/2025	42.38	445.64
18D	Compliance	UA	04/07/2025	40.75	447.29
18D	Compliance	UA	05/14/2025	DM[7]	DM[7]
18D	Compliance	UA	06/14/2025	DM[7]	DM[7]
18D	Compliance	UA	07/14/2025	41.46	446.58
18D	Compliance	UA	08/27/2025	DM[7]	DM[7]
18D	Compliance	UA	09/27/2025	DM[7]	DM[7]
18D	Compliance	UA	10/27/2025	41.42	446.62
18D	Compliance	UA	11/17/2025	41.12	446.90
18D	Compliance	UA	12/17/2025	42.13	445.91
45S	Compliance	UA	01/13/2025	21.92	445.77
45S	Compliance	UA	02/07/2025	DM[1]	DM[1]
45S	Compliance	UA	03/07/2025	DM[1]	DM[1]
45S	Compliance	UA	04/07/2025	20.49	447.20
45S	Compliance	UA	05/14/2025	DM[1]	DM[1]
45S	Compliance	UA	06/14/2025	DM[1]	DM[1]
45S	Compliance	UA	07/14/2025	20.94	446.75
45S	Compliance	UA	08/27/2025	DM[1]	DM[1]
45S	Compliance	UA	09/27/2025	DM[1]	DM[1]
45S	Compliance	UA	10/27/2025	20.86	446.83
45S	Compliance	UA	11/17/2025	DM[1]	DM[1]
45S	Compliance	UA	12/17/2025	21.61	446.08

ATTACHMENT A
GROUNDWATER ELEVATION DATA
2025 35 I.A.C. § 845 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Notes:
BMP = below measuring point
Depth to Groundwater/Groundwater Elevation Code (if applicable):
- DM[1] = Depth to water was not measured.
- DM[2] = Depth to water was not measured because water was above or below the staff gage markings.
- DM[3] = Depth to water was not measured because the location was inaccessible.
- DM[4] = Depth to water was not measured because water level was below the top of the pump.
- DM[5] = Depth to water was not measured because water level was above the top of casing (artesian well).
- DM[6] = Depth to water was not measured because of damage to the well.
- DM[7] = Depth to water was not measured due to required pressure transducer maintenance.
- DM[8] = 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 (REVISED JANUARY 21, 2026)
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
03R	UA	E008	Antimony, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.003	0.001
03R	UA	E008	Arsenic, total	mg/L	12/09/15 - 01/14/25	30	100	All ND - Last	0.001	0.001
03R	UA	E008	Barium, total	mg/L	12/09/15 - 01/14/25	32	0	CI around geomean	0.0618	0.212
03R	UA	E008	Beryllium, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.001	0.001
03R	UA	E008	Boron, total	mg/L	12/09/15 - 01/14/25	36	0	CB around T-S line	0.352	0.163
03R	UA	E008	Cadmium, total	mg/L	12/09/15 - 01/14/25	31	94	CB around T-S line	0.00059	0.00230
03R	UA	E008	Chloride, total	mg/L	12/09/15 - 01/14/25	36	0	CI around geomean	71.4	435
03R	UA	E008	Chromium, total	mg/L	12/09/15 - 01/14/25	30	93	CB around T-S line	0.0015	0.00100
03R	UA	E008	Cobalt, total	mg/L	12/09/15 - 01/14/25	31	97	CI around median	0.001	0.0380
03R	UA	E008	Fluoride, total	mg/L	12/09/15 - 01/14/25	33	3	CI around median	0.27	0.120
03R	UA	E008	Lead, total	mg/L	12/09/15 - 01/14/25	30	100	All ND - Last	0.0005	0.00150
03R	UA	E008	Lithium, total	mg/L	12/09/15 - 01/14/25	35	0	CB around linear reg	0.0172	0.0190
03R	UA	E008	Mercury, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.0002	0.0002
03R	UA	E008	Molybdenum, total	mg/L	12/09/15 - 01/14/25	35	0	CB around linear reg	0.0647	0.00170
03R	UA	E008	pH (field)	SU	12/09/15 - 01/14/25	39	0	CI around mean	7.2/7.3	6.6/7.5
03R	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 01/14/25	30	0	CI around median	0.28	1.50
03R	UA	E008	Selenium, total	mg/L	12/09/15 - 01/14/25	32	6	CI around mean	0.00473	0.00140
03R	UA	E008	Sulfate, total	mg/L	12/09/15 - 01/14/25	35	0	CB around linear reg	71	215
03R	UA	E008	Thallium, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.002	0.001
03R	UA	E008	Total Dissolved Solids	mg/L	12/09/15 - 01/14/25	36	0	CI around mean	512	1,620
18S	UA	E008	Antimony, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.003	0.001
18S	UA	E008	Arsenic, total	mg/L	12/09/15 - 01/14/25	30	97	CI around median	0.001	0.001
18S	UA	E008	Barium, total	mg/L	12/09/15 - 01/14/25	32	0	CB around linear reg	0.0501	0.212
18S	UA	E008	Beryllium, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.001	0.001
18S	UA	E008	Boron, total	mg/L	12/09/15 - 01/14/25	36	0	CB around T-S line	0.95	0.163
18S	UA	E008	Cadmium, total	mg/L	12/09/15 - 01/14/25	31	90	CB around T-S line	0.000562	0.00230
18S	UA	E008	Chloride, total	mg/L	12/09/15 - 01/14/25	36	0	CI around mean	65.7	435

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 1, 2025 (REVISED JANUARY 21, 2026)
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
18S	UA	E008	Chromium, total	mg/L	12/09/15 - 01/14/25	31	58	CB around T-S line	0.0015	0.00100
18S	UA	E008	Cobalt, total	mg/L	12/09/15 - 01/14/25	31	94	CB around T-S line	0.001	0.0380
18S	UA	E008	Fluoride, total	mg/L	12/09/15 - 01/14/25	33	3	CB around T-S line	0.171	0.120
18S	UA	E008	Lead, total	mg/L	12/09/15 - 01/14/25	30	100	All ND - Last	0.0005	0.00150
18S	UA	E008	Lithium, total	mg/L	12/09/15 - 01/14/25	35	0	CB around T-S line	0.0318	0.0190
18S	UA	E008	Mercury, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.0002	0.0002
18S	UA	E008	Molybdenum, total	mg/L	12/09/15 - 01/14/25	35	0	CB around linear reg	0.0782	0.00170
18S	UA	E008	pH (field)	SU	12/09/15 - 01/14/25	39	0	CI around median	7.3/7.4	6.6/7.5
18S	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 01/14/25	30	0	CI around mean	0.347	1.50
18S	UA	E008	Selenium, total	mg/L	12/09/15 - 01/14/25	32	0	CB around T-S line	0.00336	0.00140
18S	UA	E008	Sulfate, total	mg/L	12/09/15 - 01/14/25	36	0	CB around T-S line	84.6	215
18S	UA	E008	Thallium, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.002	0.001
18S	UA	E008	Total Dissolved Solids	mg/L	12/09/15 - 01/14/25	36	0	CB around T-S line	481	1,620
18D	UA	E008	Antimony, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.003	0.001
18D	UA	E008	Arsenic, total	mg/L	12/09/15 - 01/14/25	30	100	All ND - Last	0.001	0.001
18D	UA	E008	Barium, total	mg/L	12/09/15 - 01/14/25	32	0	CB around T-S line	0.0612	0.212
18D	UA	E008	Beryllium, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.001	0.001
18D	UA	E008	Boron, total	mg/L	12/09/15 - 01/14/25	36	0	CB around linear reg	1.1	0.163
18D	UA	E008	Cadmium, total	mg/L	12/09/15 - 01/14/25	31	94	CB around T-S line	0.000758	0.00230
18D	UA	E008	Chloride, total	mg/L	12/09/15 - 01/14/25	36	0	CI around mean	75.5	435
18D	UA	E008	Chromium, total	mg/L	12/09/15 - 01/14/25	30	93	CB around T-S line	0.00172	0.00100
18D	UA	E008	Cobalt, total	mg/L	12/09/15 - 01/14/25	32	0	CB around linear reg	-0.000389	0.0380
18D	UA	E008	Fluoride, total	mg/L	12/09/15 - 01/14/25	33	3	CI around median	0.15	0.120
18D	UA	E008	Lead, total	mg/L	12/09/15 - 01/14/25	30	93	CB around T-S line	0.00083	0.00150
18D	UA	E008	Lithium, total	mg/L	12/09/15 - 01/14/25	35	0	CB around linear reg	0.0224	0.0190
18D	UA	E008	Mercury, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.0002	0.0002
18D	UA	E008	Molybdenum, total	mg/L	12/09/15 - 01/14/25	35	0	CI around median	0.0315	0.00170

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 1, 2025 (REVISED JANUARY 21, 2026)
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
18D	UA	E008	pH (field)	SU	12/09/15 - 01/14/25	39	0	CI around median	7.2/7.2	6.6/7.5
18D	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 01/14/25	30	0	CI around mean	0.57	1.50
18D	UA	E008	Selenium, total	mg/L	12/09/15 - 01/14/25	31	94	CB around T-S line	0.001	0.00140
18D	UA	E008	Sulfate, total	mg/L	12/09/15 - 01/14/25	36	0	CB around linear reg	86.9	215
18D	UA	E008	Thallium, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.002	0.001
18D	UA	E008	Total Dissolved Solids	mg/L	12/09/15 - 01/14/25	36	0	CB around T-S line	478	1,620
45S	UA	E008	Antimony, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.003	0.001
45S	UA	E008	Arsenic, total	mg/L	12/09/15 - 01/14/25	30	93	CI around median	0.001	0.001
45S	UA	E008	Barium, total	mg/L	12/09/15 - 01/14/25	32	0	CB around linear reg	0.0781	0.212
45S	UA	E008	Beryllium, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.001	0.001
45S	UA	E008	Boron, total	mg/L	12/09/15 - 01/14/25	33	0	CB around linear reg	0.223	0.163
45S	UA	E008	Cadmium, total	mg/L	12/09/15 - 01/14/25	31	39	CB around linear reg	0.000588	0.00230
45S	UA	E008	Chloride, total	mg/L	12/09/15 - 01/14/25	33	0	CI around mean	81.4	435
45S	UA	E008	Chromium, total	mg/L	12/09/15 - 01/14/25	31	94	CB around T-S line	0.00175	0.00100
45S	UA	E008	Cobalt, total	mg/L	12/09/15 - 01/14/25	32	12	CI around geomean	0.00144	0.0380
45S	UA	E008	Fluoride, total	mg/L	12/09/15 - 01/14/25	33	3	CB around T-S line	0.24	0.120
45S	UA	E008	Lead, total	mg/L	12/09/15 - 01/14/25	30	80	CI around median	0.001	0.00150
45S	UA	E008	Lithium, total	mg/L	12/09/15 - 01/14/25	32	0	CB around linear reg	0.0108	0.0190
45S	UA	E008	Mercury, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.0002	0.0002
45S	UA	E008	Molybdenum, total	mg/L	12/09/15 - 01/14/25	32	0	CB around linear reg	0.0387	0.00170
45S	UA	E008	pH (field)	SU	12/09/15 - 01/14/25	33	0	CI around mean	7.1/7.2	6.6/7.5
45S	UA	E008	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 01/14/25	30	0	CI around geomean	0.455	1.50
45S	UA	E008	Selenium, total	mg/L	12/09/15 - 01/14/25	31	100	All ND - Last	0.0025	0.00140
45S	UA	E008	Sulfate, total	mg/L	12/09/15 - 01/14/25	33	0	CI around median	70	215
45S	UA	E008	Thallium, total	mg/L	12/09/15 - 01/14/25	29	100	All ND - Last	0.002	0.001
45S	UA	E008	Total Dissolved Solids	mg/L	12/09/15 - 01/14/25	33	0	CI around mean	527	1,620

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 1, 2025 (REVISED JANUARY 21, 2026)
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
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 Ash Pond No. 2 and Ash Pond No. 4. 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 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):

NR[1] = Parameter not analyzed.
NR[2] = Data has been rejected following data quality review.
NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS[3] = The location was not accessible; therefore, a sample was not collected.
NS[4] = The location could not be found; therefore, a sample was not collected.
NS[5] = The location was damaged; therefore, a sample was not collected.
NS[6] = Sampling pump could not yield a sample.
NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS[8] = A sample was not collected.
PM[1] = 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
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
03R	UA	E009	Antimony, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.003	0.001
03R	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/07/25	31	100	All ND - Last	0.001	0.001
03R	UA	E009	Barium, total	mg/L	12/09/15 - 04/07/25	33	0	CI around geomean	0.0615	0.212
03R	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.001	0.001
03R	UA	E009	Boron, total	mg/L	12/09/15 - 04/07/25	37	0	CB around T-S line	0.347	0.163
03R	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/07/25	32	94	CB around T-S line	0.000647	0.00230
03R	UA	E009	Chloride, total	mg/L	12/09/15 - 04/07/25	37	0	CI around geomean	71.6	435
03R	UA	E009	Chromium, total	mg/L	12/09/15 - 04/07/25	31	94	CB around T-S line	0.0015	0.00100
03R	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/07/25	32	97	CI around median	0.001	0.0380
03R	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/07/25	34	3	CI around median	0.27	0.120
03R	UA	E009	Lead, total	mg/L	12/09/15 - 04/07/25	31	100	All ND - Last	0.0005	0.00150
03R	UA	E009	Lithium, total	mg/L	12/09/15 - 04/07/25	36	0	CB around linear reg	0.0171	0.0190
03R	UA	E009	Mercury, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.0002	0.0002
03R	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/07/25	36	0	CB around linear reg	0.0609	0.00170
03R	UA	E009	pH (field)	SU	12/09/15 - 04/07/25	40	0	CB around T-S line	7.1/7.2	6.6/7.5
03R	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/07/25	31	0	CI around median	0.319	1.50
03R	UA	E009	Selenium, total	mg/L	12/09/15 - 04/07/25	33	6	CI around mean	0.00474	0.00140
03R	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/07/25	36	0	CB around linear reg	69.9	215
03R	UA	E009	Thallium, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.002	0.001
03R	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/07/25	37	0	CI around mean	511	1,620
18S	UA	E009	Antimony, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.003	0.001
18S	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/07/25	31	97	CI around median	0.001	0.001
18S	UA	E009	Barium, total	mg/L	12/09/15 - 04/07/25	33	0	CB around linear reg	0.0496	0.212
18S	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.001	0.001
18S	UA	E009	Boron, total	mg/L	12/09/15 - 04/07/25	37	0	CB around T-S line	0.862	0.163
18S	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/07/25	32	91	CB around T-S line	0.000577	0.00230
18S	UA	E009	Chloride, total	mg/L	12/09/15 - 04/07/25	37	0	CI around mean	65.9	435

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
18S	UA	E009	Chromium, total	mg/L	12/09/15 - 04/07/25	32	59	CB around T-S line	0.0015	0.00100
18S	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/07/25	32	94	CB around T-S line	0.001	0.0380
18S	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/07/25	34	3	CB around T-S line	0.172	0.120
18S	UA	E009	Lead, total	mg/L	12/09/15 - 04/07/25	31	100	All ND - Last	0.0005	0.00150
18S	UA	E009	Lithium, total	mg/L	12/09/15 - 04/07/25	36	0	CB around T-S line	0.0319	0.0190
18S	UA	E009	Mercury, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.0002	0.0002
18S	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/07/25	36	0	CB around linear reg	0.0755	0.00170
18S	UA	E009	pH (field)	SU	12/09/15 - 04/07/25	40	0	CI around median	7.3/7.4	6.6/7.5
18S	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/07/25	31	0	CI around mean	0.352	1.50
18S	UA	E009	Selenium, total	mg/L	12/09/15 - 04/07/25	33	0	CB around T-S line	0.00182	0.00140
18S	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/07/25	37	0	CB around T-S line	85.4	215
18S	UA	E009	Thallium, total	mg/L	12/09/15 - 04/07/25	30	100	All ND - Last	0.002	0.001
18S	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/07/25	37	0	CB around T-S line	478	1,620
18D	UA	E009	Antimony, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.003	0.001
18D	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/08/25	31	100	All ND - Last	0.001	0.001
18D	UA	E009	Barium, total	mg/L	12/09/15 - 04/08/25	33	0	CB around T-S line	0.0606	0.212
18D	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.001	0.001
18D	UA	E009	Boron, total	mg/L	12/09/15 - 04/08/25	37	0	CB around linear reg	1.08	0.163
18D	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/08/25	32	94	CB around T-S line	0.000737	0.00230
18D	UA	E009	Chloride, total	mg/L	12/09/15 - 04/08/25	37	0	CI around mean	75.6	435
18D	UA	E009	Chromium, total	mg/L	12/09/15 - 04/08/25	31	94	CB around T-S line	0.00176	0.00100
18D	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/08/25	33	0	CB around linear reg	-0.000476	0.0380
18D	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/08/25	34	3	CI around median	0.15	0.120
18D	UA	E009	Lead, total	mg/L	12/09/15 - 04/08/25	31	94	CB around T-S line	0.000809	0.00150
18D	UA	E009	Lithium, total	mg/L	12/09/15 - 04/08/25	36	0	CB around linear reg	0.0223	0.0190
18D	UA	E009	Mercury, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.0002	0.0002
18D	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/08/25	36	0	CI around median	0.0315	0.00170

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
18D	UA	E009	pH (field)	SU	12/09/15 - 04/08/25	40	0	CI around median	7.1/7.2	6.6/7.5
18D	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/08/25	31	0	CI around mean	0.554	1.50
18D	UA	E009	Selenium, total	mg/L	12/09/15 - 04/08/25	32	94	CB around T-S line	0.001	0.00140
18D	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/08/25	37	0	CB around linear reg	86.9	215
18D	UA	E009	Thallium, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.002	0.001
18D	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/08/25	37	0	CB around T-S line	469	1,620
45S	UA	E009	Antimony, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.003	0.001
45S	UA	E009	Arsenic, total	mg/L	12/09/15 - 04/08/25	31	94	CI around median	0.001	0.001
45S	UA	E009	Barium, total	mg/L	12/09/15 - 04/08/25	33	0	CB around linear reg	0.0795	0.212
45S	UA	E009	Beryllium, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.001	0.001
45S	UA	E009	Boron, total	mg/L	12/09/15 - 04/08/25	34	0	CB around linear reg	0.225	0.163
45S	UA	E009	Cadmium, total	mg/L	12/09/15 - 04/08/25	32	38	CB around linear reg	0.000606	0.00230
45S	UA	E009	Chloride, total	mg/L	12/09/15 - 04/08/25	34	0	CI around mean	81.7	435
45S	UA	E009	Chromium, total	mg/L	12/09/15 - 04/08/25	32	94	CB around T-S line	0.00165	0.00100
45S	UA	E009	Cobalt, total	mg/L	12/09/15 - 04/08/25	33	12	CI around geomean	0.00146	0.0380
45S	UA	E009	Fluoride, total	mg/L	12/09/15 - 04/08/25	34	3	CB around T-S line	0.233	0.120
45S	UA	E009	Lead, total	mg/L	12/09/15 - 04/08/25	31	77	CI around median	0.001	0.00150
45S	UA	E009	Lithium, total	mg/L	12/09/15 - 04/08/25	33	0	CB around linear reg	0.0111	0.0190
45S	UA	E009	Mercury, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.0002	0.0002
45S	UA	E009	Molybdenum, total	mg/L	12/09/15 - 04/08/25	33	0	CB around linear reg	0.038	0.00170
45S	UA	E009	pH (field)	SU	12/09/15 - 04/08/25	34	0	CI around mean	7.1/7.2	6.6/7.5
45S	UA	E009	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 04/08/25	31	0	CI around geomean	0.449	1.50
45S	UA	E009	Selenium, total	mg/L	12/09/15 - 04/08/25	32	100	All ND - Last	0.0025	0.00140
45S	UA	E009	Sulfate, total	mg/L	12/09/15 - 04/08/25	34	0	CI around median	70	215
45S	UA	E009	Thallium, total	mg/L	12/09/15 - 04/08/25	30	100	All ND - Last	0.002	0.001
45S	UA	E009	Total Dissolved Solids	mg/L	12/09/15 - 04/08/25	34	0	CI around mean	529	1,620

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
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) on October 25, 2021 as part of Dynegy Midwest Generation, LLC's (DMG's) operating permit application for the Ash Pond No. 2 and Ash Pond No. 4. 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):

NR[1] = Parameter not analyzed.
NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS[3] = The location was not accessible; therefore, a sample was not collected.
NS[4] = The location could not be found; therefore, a sample was not collected.
NS[5] = The location was damaged; therefore, a sample was not collected.
NS[6] = Sampling pump could not yield a sample.
NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS[8] = A sample was not collected.
PM[1] = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.

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

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
03R	UA	E010	Antimony, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.003	0.001
03R	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/15/25	32	100	All ND - Last	0.001	0.001
03R	UA	E010	Barium, total	mg/L	12/09/15 - 07/15/25	34	0	CI around geomean	0.0615	0.212
03R	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.001	0.001
03R	UA	E010	Boron, total	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	0.241	0.163
03R	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.000625	0.00230
03R	UA	E010	Chloride, total	mg/L	12/09/15 - 07/15/25	38	0	CI around geomean	71.9	435
03R	UA	E010	Chromium, total	mg/L	12/09/15 - 07/15/25	32	94	CB around T-S line	0.00177	0.00100
03R	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/15/25	33	97	CI around median	0.001	0.0380
03R	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/15/25	35	3	CI around median	0.27	0.120
03R	UA	E010	Lead, total	mg/L	12/09/15 - 07/15/25	32	100	All ND - Last	0.0005	0.00150
03R	UA	E010	Lithium, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	0.0166	0.0190
03R	UA	E010	Mercury, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.0002	0.0002
03R	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	0.0564	0.00170
03R	UA	E010	pH (field)	SU	12/09/15 - 07/15/25	41	0	CI around mean	7.2/7.3	6.6/7.5
03R	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/15/25	32	0	CI around median	0.319	1.50
03R	UA	E010	Selenium, total	mg/L	12/09/15 - 07/15/25	34	6	CI around mean	0.00479	0.00140
03R	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	70	215
03R	UA	E010	Thallium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.002	0.001
03R	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/15/25	38	0	CI around mean	511	1,620
18S	UA	E010	Antimony, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.003	0.001
18S	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/15/25	32	97	CI around median	0.001	0.001
18S	UA	E010	Barium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	0.0497	0.212
18S	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.001	0.001
18S	UA	E010	Boron, total	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	1.07	0.163
18S	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/15/25	33	91	CB around T-S line	0.000543	0.00230
18S	UA	E010	Chloride, total	mg/L	12/09/15 - 07/15/25	38	0	CB around linear reg	68.6	435

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 3, 2025
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HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
18S	UA	E010	Chromium, total	mg/L	12/09/15 - 07/15/25	33	61	CB around T-S line	0.00154	0.00100
18S	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.001	0.0380
18S	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/15/25	35	3	CB around T-S line	0.174	0.120
18S	UA	E010	Lead, total	mg/L	12/09/15 - 07/15/25	32	100	All ND - Last	0.0005	0.00150
18S	UA	E010	Lithium, total	mg/L	12/09/15 - 07/15/25	37	0	CB around T-S line	0.0293	0.0190
18S	UA	E010	Mercury, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.0002	0.0002
18S	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	0.0725	0.00170
18S	UA	E010	pH (field)	SU	12/09/15 - 07/15/25	41	0	CI around median	7.3/7.4	6.6/7.5
18S	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/15/25	32	0	CI around mean	0.348	1.50
18S	UA	E010	Selenium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around T-S line	0.00178	0.00140
18S	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	84.1	215
18S	UA	E010	Thallium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.002	0.001
18S	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	476	1,620
18D	UA	E010	Antimony, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.003	0.001
18D	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/15/25	32	100	All ND - Last	0.001	0.001
18D	UA	E010	Barium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around T-S line	0.0607	0.212
18D	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.001	0.001
18D	UA	E010	Boron, total	mg/L	12/09/15 - 07/15/25	38	0	CB around linear reg	1.06	0.163
18D	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.000694	0.00230
18D	UA	E010	Chloride, total	mg/L	12/09/15 - 07/15/25	38	0	CI around mean	75.8	435
18D	UA	E010	Chromium, total	mg/L	12/09/15 - 07/15/25	32	94	CB around T-S line	0.00178	0.00100
18D	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	-0.000586	0.0380
18D	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/15/25	35	3	CI around median	0.15	0.120
18D	UA	E010	Lead, total	mg/L	12/09/15 - 07/15/25	32	94	CB around T-S line	0.000761	0.00150
18D	UA	E010	Lithium, total	mg/L	12/09/15 - 07/15/25	37	0	CB around linear reg	0.0222	0.0190
18D	UA	E010	Mercury, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.0002	0.0002
18D	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/15/25	37	0	CI around median	0.0315	0.00170

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
HENNEPIN, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
18D	UA	E010	pH (field)	SU	12/09/15 - 07/15/25	41	0	CI around median	7.2/7.2	6.6/7.5
18D	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/15/25	32	0	CI around mean	0.557	1.50
18D	UA	E010	Selenium, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.001	0.00140
18D	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/15/25	38	0	CB around linear reg	86.4	215
18D	UA	E010	Thallium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.002	0.001
18D	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/15/25	38	0	CB around T-S line	472	1,620
45S	UA	E010	Antimony, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.003	0.001
45S	UA	E010	Arsenic, total	mg/L	12/09/15 - 07/15/25	32	94	CI around median	0.001	0.001
45S	UA	E010	Barium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	0.0805	0.212
45S	UA	E010	Beryllium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.001	0.001
45S	UA	E010	Boron, total	mg/L	12/09/15 - 07/15/25	35	0	CB around linear reg	0.225	0.163
45S	UA	E010	Cadmium, total	mg/L	12/09/15 - 07/15/25	33	36	CB around linear reg	0.000643	0.00230
45S	UA	E010	Chloride, total	mg/L	12/09/15 - 07/15/25	35	0	CI around mean	82.2	435
45S	UA	E010	Chromium, total	mg/L	12/09/15 - 07/15/25	33	94	CB around T-S line	0.00181	0.00100
45S	UA	E010	Cobalt, total	mg/L	12/09/15 - 07/15/25	34	12	CI around geomean	0.00149	0.0380
45S	UA	E010	Fluoride, total	mg/L	12/09/15 - 07/15/25	35	3	CB around T-S line	0.233	0.120
45S	UA	E010	Lead, total	mg/L	12/09/15 - 07/15/25	32	78	CI around median	0.001	0.00150
45S	UA	E010	Lithium, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	0.0112	0.0190
45S	UA	E010	Mercury, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.0002	0.0002
45S	UA	E010	Molybdenum, total	mg/L	12/09/15 - 07/15/25	34	0	CB around linear reg	0.0368	0.00170
45S	UA	E010	pH (field)	SU	12/09/15 - 07/15/25	35	0	CI around mean	7.1/7.2	6.6/7.5
45S	UA	E010	Radium 226 + Radium 228, total	pCi/L	12/09/15 - 07/15/25	32	0	CI around geomean	0.442	1.50
45S	UA	E010	Selenium, total	mg/L	12/09/15 - 07/15/25	33	100	All ND - Last	0.0025	0.00140
45S	UA	E010	Sulfate, total	mg/L	12/09/15 - 07/15/25	35	0	CI around median	70	215
45S	UA	E010	Thallium, total	mg/L	12/09/15 - 07/15/25	31	100	All ND - Last	0.002	0.001
45S	UA	E010	Total Dissolved Solids	mg/L	12/09/15 - 07/15/25	35	0	CI around mean	531	1,620

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 3, 2025
845 QUARTERLY REPORT
HENNEPIN POWER PLANT
ASH POND NO. 2 AND ASH POND NO. 4
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 Ash Pond No. 2 and Ash Pond No. 4. 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):

NR[1] = Parameter not analyzed.
NS[1] = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS[2] = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS[3] = The location was not accessible; therefore, a sample was not collected.
NS[4] = The location could not be found; therefore, a sample was not collected.
NS[5] = The location was damaged; therefore, a sample was not collected.
NS[6] = Sampling pump could not yield a sample.
NS[7] = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS[8] = A sample was not collected.
PM[1] = 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