



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: E.D. Edwards Power Plant- Ash Pond

Facility Address: 7800 South Cilco Road, Bartonville, IL

Site ID #: 1430055003

Fed ID #: _____

2.0 Type of Submission

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

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

Groundwater

Leachate

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

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

☐ Semi-Annual

☐ Semi-Annual

☐ Annual

☐ Annual

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

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

☐ Semi-Annual

☐ Annual

- ☐ Well Construction Information

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

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

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

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

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

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

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

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

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

Illinois Power Resources Generating, 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: Edwards Power Plant Ash Pond (IEPA W1438050005-01) 2025 Annual Consolidated Report

Dear Mr. LeCrone:

In accordance with 35 IAC § 845.550, Illinois Power Resources Generating, LLC is submitting the annual consolidated report for the Edwards Power Plant Ash Pond (IEPA ID W1438050005-01), as enclosed.

Sincerely,

A handwritten signature in blue ink that reads "Dianna Tickner". The signature is fluid and cursive, with the first name "Dianna" and last name "Tickner" clearly distinguishable.

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

Annual Consolidated Report
Illinois Power Resources Generating, LLC
Edwards Power Plant
Ash Pond; IEPA ID: **W1438050005-01**

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

Section 1

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

Section 2

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

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

Section 3

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

Section 1

Annual CCR Fugitive Dust Control Report

Plant Closure Manager

John Smith

Annual CCR Fugitive Dust Control Report

for

Edwards Power Station

Prepared for:

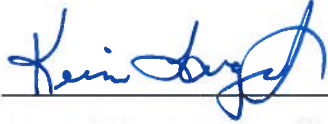
Illinois Power Resources Generating, LLC

**Edwards Power Station
7800 South Cilco Lane
Bartonville, IL 61607**

November 2025

**Edwards Power Station
ANNUAL CCR FUGITIVE DUST CONTROL REPORT**

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

Completed by: 

Name

Plant Closure Manager

Title

This Annual CCR Fugitive Dust Control Report has been prepared for the Edwards Power Station in accordance with 40 CFR 257.80(c). 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 Edwards Power Station 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	The facility ceased operations on 12/31/22. There have been no CCR handling activities since facility closure.
	Water or chemical dust suppressant may be used for fugitive dust control as necessary.
	Naturally occurring grass and vegetation will help in preventing fugitive dust in the CCR surface impoundment.
Handling of CCR at the Facility	The facility is no longer operating, thus there are no CCR handling activities.
Transportation of CCR at the Facility	The facility is no longer operating, thus there is no on site or off-site transportation of CCR material.

The facility permanently ceased operation on December 31, 2022. 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 changes to the control measures listed in the Dust Plan were needed to control CCR fugitive dust.

Edwards Power Station
ANNUAL CCR FUGITIVE DUST CONTROL REPORT

Section 2 Record of Citizen Complaints

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

Section 2

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

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

ANNUAL INSPECTION BY A QUALIFIED PROFESSIONAL ENGINEER

35 IAC § 845.540

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

A) A review of available information regarding the status and condition of the CCR surface impoundment, including files available in the operating record (e.g., CCR surface impoundment design and construction information required by Sections 845.220(a)(1) and 845.230(d)(2)(A), previous structural stability assessments required under Section 845.450, the results of inspections by a qualified person, and results of previous annual inspections);

B) A visual inspection of the CCR surface impoundment to identify signs of distress or malfunction of the CCR surface impoundment and appurtenant structures;

C) A visual inspection of any hydraulic structures underlying the base of the CCR surface impoundment or passing through the dike of the CCR surface impoundment for structural integrity and continued safe and reliable operation;

D) The annual hazard potential classification certification, if applicable (see Section 845.440);

E) The annual structural stability assessment certification, if applicable (see Section 845.450);

F) The annual safety factor assessment certification, if applicable (see Section 845.460); and

G) The inflow design flood control system plan certification (see Section 845.510(c)).

SITE INFORMATION

Site Name / Address / Date of Inspection	Edwards Power Station Peoria County, Illinois 62327 9/15/2025
Operator Name / Address	Luminant Generation Company LLC 6555 Sierra Drive, Irving, TX 75039
CCR unit	Ash Pond

INSPECTION REPORT 35 IAC § 845.540

(b)(1)(D) The annual hazard potential classification certification, if applicable (see Section 845.440).	Based on a review of the CCR unit's annual hazard potential classification, the unit is classified as a Class I CCR surface impoundment.
(b)(2)(A) Any changes in geometry of the structure since the previous annual inspection.	Based on a review of the CCR unit's records and visual observation during the on-site inspection, no changes in geometry of the structure have taken place since the previous annual inspection.
(b)(2)(B) The location and type of existing instrumentation and the maximum recorded readings of each instrument since the previous annual inspection	See the attached.
b)(2)(C) The approximate minimum, maximum, and present depth and elevation of the impounded water and CCR since the previous annual inspection;	See the attached.
b)(2)(D) The storage capacity of the impounding structure at the time of the inspection	Approximately 3300 acre-feet
(b)(2)(E) The approximate volume of the impounded water and CCR contained in the unit at the time of the inspection.	Approximately 3010 acre-feet
(b)(2)(F) Any appearances of an actual or potential structural weakness of the CCR unit, in addition to any existing conditions that are disrupting or have the potential to disrupt the operation and safety of the CCR unit	Based on a review of the CCR unit's records and visual observation during the on-site inspection, there was no appearance of an actual or potential structural weakness of the CCR unit, nor an existing condition that is disrupting or would disrupt the operation and safety of the unit.

INSPECTION REPORT 35 IAC § 845.540

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

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

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



James Knutelski, PE

Illinois PE No. 062-054206, Expires: 11/30/2027

Date: 12/22/2025

Site Name: Edwards Power Station

CCR Unit: Ash Pond

35 IAC § 845.540 (b)(2)(B)		
Instrument ID #	Type	Maximum recorded reading since previous annual inspection (ft)
P001	Piezometer	439.8'
P002	Piezometer	448.5'
P003	Piezometer	438.5'
P004	Piezometer	438.0'

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		441.8			6.8	
CCR	433		485	17		69

Section 3

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

Prepared for
Illinois Power Resources Generating, LLC

Date
January 31, 2026

Project No.
1940112376-007

**2025 35 I.A.C. § 845 ANNUAL
GROUNDWATER MONITORING AND
CORRECTIVE ACTION REPORT
ASH POND
EDWARDS POWER PLANT
BARTONVILLE, ILLINOIS
IEPA ID NO. W1438050005-01**

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

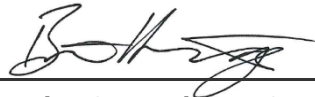
Project name **Edwards Power Plant Ash Pond**
Project no. **1940112376-007**
Recipient **Illinois Power Resources Generating, LLC**
Document type **Annual Groundwater Monitoring and Corrective Action Report**
Version **FINAL**
Date **January 31, 2026**
Prepared by **Rachel A. Benatar, EIT**
Checked by **Lauren D. Cook**
Approved by **Brian G. Hennings, PG**
Description **Annual Report required by 35 I.A.C. § 845**

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Rachel A. Benatar, EIT
Environmental Engineer



Brian G. Hennings, PG
Project Officer, Hydrogeology

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TABLES (IN TEXT)

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

TABLES (ATTACHED)

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

FIGURES (ATTACHED)

Figure 1	Monitoring Well Location Map
Figure 2	GWPS Exceedance Map - Uppermost Aquifer, Quarter 4, 2024 and Quarters 1-3, 2025
Figure 3	GWPS Exceedance Map - Potential Migration Pathway, Quarter 4, 2024 and Quarters 1-3, 2025
Figure 4	Potentiometric Surface Map, January 30, 2025
Figure 5	Potentiometric Surface Map, February 17, 2025
Figure 6	Potentiometric Surface Map, March 17, 2025
Figure 7	Potentiometric Surface Map, April 17, 2025
Figure 8	Potentiometric Surface Map, May 21, 2025
Figure 9	Potentiometric Surface Map, June 21, 2025
Figure 10	Potentiometric Surface Map, July 21, 2025
Figure 11	Potentiometric Surface Map, August 3, 2025
Figure 12	Potentiometric Surface Map, September 3, 2025
Figure 13	Potentiometric Surface Map, October 3, 2025
Figure 14	Potentiometric Surface Map, November 3, 2025
Figure 15	Potentiometric Surface Map, December 9, 2025

ATTACHMENTS

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

ACRONYMS AND ABBREVIATIONS

35 I.A.C.	Title 35 of the Illinois Administrative Code
AP	Ash Pond
ASD	Alternative Source Demonstration
CCA	compliance commitment agreement
CCR	coal combustion residuals
CMA	assessment of corrective measures
E007	Quarter 4, 2024 sampling event
E008	Quarter 1, 2025 sampling event
E009	Quarter 2, 2025 sampling event
E010	Quarter 3, 2025 sampling event
E011	Quarter 4, 2025 sampling event
EPP	Edwards Power Plant
GMP	Groundwater Monitoring Plan
GWPS	groundwater protection standard
ID	identification
IEPA	Illinois Environmental Protection Agency
IPRG	Illinois Power Resources Generating, LLC
NID	National Inventory of Dams
No.	number
Ramboll	Ramboll Americas Engineering Solutions, Inc.
SI	surface impoundment
SSI	statistically significant increase
TDS	total dissolved solids

EXECUTIVE SUMMARY

This report has been prepared to provide the information required by Title 35 of the Illinois Administrative Code (35 I.A.C.) § 845.610(e) (*Annual Groundwater Monitoring and Corrective Action Report*) for Ash Pond (AP) located at Edwards Power Plant (EPP) near Bartonville, Illinois. The AP is recognized by coal combustion residuals (CCR) unit identification (ID) number (No.) 301, Illinois Environmental Protection Agency (IEPA) ID No. W1438050005-01, and National Inventory of Dams (NID) No. IL50710.

As required by 35 I.A.C. § 845, an operating permit application for the AP was submitted by Illinois Power Resources Generating, LLC (IPRG) 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. IPRG entered into a compliance commitment agreement (CCA) with the IEPA on December 28, 2022. As specified in the CCA, quarterly groundwater monitoring in accordance with the proposed Groundwater Monitoring Plan (GMP; Ramboll Americas Engineering Solutions, Inc. [Ramboll], 2021) and sampling methodologies provided in the operating permit application for the AP commenced in the second quarter of 2023. All available groundwater monitoring data collected in 2025 are summarized in **Table 1** (field parameters and analytical results) and **Attachment A** (groundwater elevation data). After the AP has been issued an approved operating permit, groundwater monitoring shall be conducted in accordance with that operating permit.

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

- Boron in AP07S, AW-05, AW-15S, AW-19, and AW-21
- Sulfate in AW-15S
- Total Dissolved Solids (TDS) in AW-15S

An Alternative Source Demonstration (ASD) was not completed for the GWPS exceedances listed above; therefore, an assessment of corrective measures (CMA) was initiated in accordance with 35 I.A.C. § 845.650(d)(3) on December 7, 2023. A CMA extension request was submitted to the IEPA on December 7, 2023 and approved on December 7, 2023. The CMA extension request and approval letter were included in the 2023 Annual Groundwater Monitoring and Corrective Action Report (Ramboll, 2024a). The CMA was completed in accordance with 35 I.A.C. § 845.660 and submitted to the IEPA on June 4, 2024 (Ramboll, 2024b).

As required by 35 I.A.C. § 845.670, a corrective action plan that identifies the selected remedy must be submitted to the IEPA within one year after completing the CMA. An associated public

¹ Throughout this document, “exceedance” or “exceedances” is intended to refer only to potential exceedances of proposed applicable background statistics or GWPSs as described in the proposed GMP (Ramboll, 2021), which was submitted to the IEPA on October 25, 2021 and subsequently revised on September 4, 2025 (Ramboll, 2025a) as part of IPRG’s operating permit application for the EPP AP. That operating permit application remains under review by the IEPA and, therefore, IPRG has not identified any actual exceedances.

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

meeting was held on April 30, 2025, prior to selection of a remedy in accordance with 35 I.A.C. § 845.660(d). A groundwater corrective action plan was submitted to the IEPA on June 2, 2025 in accordance with 35 I.A.C. § 845.670 (Ramboll, 2025e; included in the Construction Permit Application) and is pending approval; which is required prior to initiating remedial activities.

In accordance with 35 I.A.C. § 845.670, semiannual reports describing the progress in selecting and designing a groundwater corrective action remedy and developing a corrective action plan were submitted to the IEPA on June 4, 2025 and December 4, 2025 (Ramboll, 2025f; Ramboll, 2025g). In accordance with 35 I.A.C. § 845.610(b)(3)(B), constituent concentrations observed at compliance monitoring wells were also evaluated quarterly for exceedances over statistical background levels (**Attachment B**).

1. INTRODUCTION

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

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

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

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

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

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

This report provides the required information for the EPP AP for calendar year 2025.

2. MONITORING AND CORRECTIVE ACTION PROGRAM STATUS

An operating permit application for the AP was submitted by IPRG 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. IPRG entered into a CCA with the IEPA on December 28, 2022. Groundwater monitoring in accordance with the CCA and the proposed GMP and sampling methodologies provided in the operating permit application for the AP commenced in the second quarter of 2023. After the AP 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.

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

As noted in the **Executive Summary**, GWPS exceedances were determined for the AP in 2025. An ASD was not completed for these GWPS exceedances; they will be addressed in accordance with 35 I.A.C. § 845.660. The CMA was initiated on December 7, 2023. A CMA extension request was submitted to the IEPA on December 7, 2023 and approved on December 7, 2023. The CMA extension request and approval letter were included in the 2023 Annual Groundwater Monitoring and Corrective Action Report (Ramboll, 2024a). The CMA was completed in accordance with 35 I.A.C. § 845.660 and submitted to the IEPA on June 4, 2024 (Ramboll, 2024b).

As required by 35 I.A.C. § 845.670, a corrective action plan that identifies the selected remedy must be submitted to the IEPA within one year after completing the CMA. An associated public meeting was held on April 30, 2025, prior to selection of a remedy in accordance with 35 I.A.C. § 845.660(d). A groundwater corrective action plan was submitted to IEPA on June 2, 2025 in accordance with 35 I.A.C. § 845.670 (Ramboll, 2025e; included in the Construction Permit Application) and is pending approval; which is required prior to initiating remedial activities.

In accordance with 35 I.A.C. § 845.670, semiannual reports describing the progress in selecting and designing a groundwater corrective action remedy and developing a corrective action plan were submitted to the IEPA on June 4, 2025 and December 4, 2025 (Ramboll, 2025f; Ramboll, 2025g).

3. KEY ACTIONS COMPLETED IN 2025

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

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

A summary of the samples collected in 2025 is included in **Section 3.1**. Narrative discussions of exceedances of GWPSs and background are included in **Section 3.2** and **Section 3.3**, respectively. Statistical procedures used to evaluate groundwater results are provided in the GMP provided in the operating permit application (Ramboll, 2021).

3.1 Sample and Analysis Summary

One groundwater sample was attempted to be collected from each background and compliance well during each quarterly monitoring event in 2025. All samples were collected and analyzed in accordance with the GMP (Ramboll, 2021), which was subsequently revised and submitted to IEPA (Ramboll, 2025a). A summary of the samples collected from background and compliance monitoring wells in 2025 is included in **Table A** on the following page. **Table 1** is a summary of the field parameters and analytical results from 2025 sampling at monitoring wells within the monitoring system for 35 I.A.C. § 845.600 constituents. Laboratory analytical reports and field data sheets were provided in the quarterly Groundwater Monitoring Data and Detected Exceedances Reports for Quarters 1 through 3³ (Ramboll, 2025b; Ramboll, 2025c; Ramboll, 2025d); therefore, these reports are not attached to this annual report to avoid reproduction of lengthy data transmittals that have been previously provided in hardcopy.

³ 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 ⁴	ASD Completion Date
E007	October 29 - 31, 2024	December 4, 2024	February 2, 2025 ⁵	NA
E008	January 31 – February 6, 2025	March 2, 2025	May 1, 2025	NA
E009	April 18 - 24, 2025	May 20, 2025	July 19, 2025	NA
E010	July 21 - 25, 2025	August 26, 2025	October 25, 2025	NA
E011	November 4 - 6, 2025	December 15, 2025	TBD	TBD

Notes:

ASD: Alternative Source Demonstration

NA: not applicable

TBD: to be determined after January 31, 2026

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

² The following background wells were sampled for each event: AP05S and AW-08

³ The following compliance wells were sampled for each event: AP07S, AW-01, AW-05, AW-06, AW-09, AW-10, AW-11, AW-14, AW-15, AW-15S, AW-16, AW-17, AW-18, AW-19, and AW-21

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

⁵ Statistical determinations were completed in 2025 and are included in the 2025 Annual Groundwater Monitoring and Corrective Action Report for completeness. Analytical data from 2024 sampling events used in statistical determinations are included in the Quarter 4, 2024 Groundwater Monitoring Data and Detected Exceedances Report.

3.2 Exceedances of GWPS

In accordance with 35 I.A.C. § 845.610(b)(3)(C), the constituent concentrations observed at compliance monitoring wells identified as Statistical Results in **Table 2** were compared with the GWPSs described in 35 I.A.C. § 845.600 to determine exceedances of the GWPS. The following exceedances of the GWPSs were determined in 2025 and are shown on **Figures 2 and 3**⁴:

- Boron in AP07S, AW-05, AW-15S, AW-19, and AW-21
- Sulfate in AW-15S
- TDS in AW-15S

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

3.3 Exceedances of Background

In accordance with 35 I.A.C. § 845.610(b)(3)(B), constituent concentrations observed at compliance monitoring wells 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 GWPS exceedances determined after January 31, 2026 will be reported in the Quarter 4, 2025 Groundwater Monitoring Data and Detected Exceedances Report.

4. PROBLEMS ENCOUNTERED AND ACTIONS TO RESOLVE THE PROBLEMS

Quarterly groundwater monitoring was completed in 2025. Groundwater samples were collected and analyzed in accordance with the GMP provided in the operating permit application (Ramboll, 2021) and subsequently revised and submitted to IEPA (Ramboll, 2025a). All data were accepted with the exception of data from AW-15 and AW-15S in Quarter 4, 2025, which were rejected following data quality review. After the AP has been issued an approved operating permit, groundwater monitoring shall be conducted in accordance with that operating permit.

5. KEY ACTIVITIES PLANNED FOR 2026

The following key activities are planned for 2026:

- Continuation of groundwater monitoring in accordance with the proposed GMP and sampling methodologies provided in the operating permit application for the AP. After the AP 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

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<https://www.luminant.com/documents/ccr/il-ccr/Edwards/2024/2024-Edwards%20AP%202024%203rd%20quarter%2035%20IAC%20845%20GW%20report-Edwards-Ash%20Pond-W1438050005-01.pdf>

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TABLES

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AP05S	Background	E008	02/06/2025	Antimony, total	0.00043 U	mg/L
AP05S	Background	E008	02/06/2025	Arsenic, total	0.00160	mg/L
AP05S	Background	E008	02/06/2025	Barium, total	0.970	mg/L
AP05S	Background	E008	02/06/2025	Beryllium, total	0.00059 U	mg/L
AP05S	Background	E008	02/06/2025	Boron, total	0.340	mg/L
AP05S	Background	E008	02/06/2025	Cadmium, total	0.00074 U	mg/L
AP05S	Background	E008	02/06/2025	Calcium, total	110	mg/L
AP05S	Background	E008	02/06/2025	Chloride, total	47.0	mg/L
AP05S	Background	E008	02/06/2025	Chromium, total	0.0028 U	mg/L
AP05S	Background	E008	02/06/2025	Cobalt, total	0.0017 J	mg/L
AP05S	Background	E008	02/06/2025	Dissolved Oxygen	0	mg/L
AP05S	Background	E008	02/06/2025	Fluoride, total	0.172 UJ	mg/L
AP05S	Background	E008	02/06/2025	Lead, total	0.00091 J	mg/L
AP05S	Background	E008	02/06/2025	Lithium, total	0.0320	mg/L
AP05S	Background	E008	02/06/2025	Mercury, total	0.00014 U	mg/L
AP05S	Background	E008	02/06/2025	Molybdenum, total	0.00074 U	mg/L
AP05S	Background	E008	02/06/2025	Oxidation Reduction Potential	-43.0	mV
AP05S	Background	E008	02/06/2025	pH (field)	9.1	SU
AP05S	Background	E008	02/06/2025	Radium 226 + Radium 228, total	3.86	pCi/L
AP05S	Background	E008	02/06/2025	Selenium, total	0.00074 U	mg/L
AP05S	Background	E008	02/06/2025	Specific Conductance @ 25C (field)	1,440	micromhos/cm
AP05S	Background	E008	02/06/2025	Sulfate, total	0.39 J-	mg/L
AP05S	Background	E008	02/06/2025	Temperature	10.7	degrees C
AP05S	Background	E008	02/06/2025	Thallium, total	0.00038 U	mg/L
AP05S	Background	E008	02/06/2025	Total Dissolved Solids	800 J	mg/L
AP05S	Background	E008	02/06/2025	Turbidity, field	33.4	NTU
AW-08	Background	E008	02/05/2025	Antimony, total	0.00043 U	mg/L
AW-08	Background	E008	02/05/2025	Arsenic, total	0.0130	mg/L
AW-08	Background	E008	02/05/2025	Barium, total	0.350	mg/L
AW-08	Background	E008	02/05/2025	Beryllium, total	0.00059 U	mg/L
AW-08	Background	E008	02/05/2025	Boron, total	0.130	mg/L
AW-08	Background	E008	02/05/2025	Cadmium, total	0.00074 U	mg/L
AW-08	Background	E008	02/05/2025	Calcium, total	150	mg/L
AW-08	Background	E008	02/05/2025	Chloride, total	17.0	mg/L
AW-08	Background	E008	02/05/2025	Chromium, total	0.0028 U	mg/L
AW-08	Background	E008	02/05/2025	Cobalt, total	0.00048 U	mg/L
AW-08	Background	E008	02/05/2025	Dissolved Oxygen	0	mg/L
AW-08	Background	E008	02/05/2025	Fluoride, total	0.246 J	mg/L
AW-08	Background	E008	02/05/2025	Lead, total	0.00022 U	mg/L
AW-08	Background	E008	02/05/2025	Lithium, total	0.011 J	mg/L
AW-08	Background	E008	02/05/2025	Mercury, total	0.00019 J	mg/L
AW-08	Background	E008	02/05/2025	Molybdenum, total	0.00096 J	mg/L
AW-08	Background	E008	02/05/2025	Oxidation Reduction Potential	12.0	mV
AW-08	Background	E008	02/05/2025	pH (field)	9.4	SU
AW-08	Background	E008	02/05/2025	Radium 226 + Radium 228, total	1.53	pCi/L
AW-08	Background	E008	02/05/2025	Selenium, total	0.00074 U	mg/L

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ASH POND
BARTONVILLE, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-08	Background	E008	02/05/2025	Specific Conductance @ 25C (field)	1,180	micromhos/cm
AW-08	Background	E008	02/05/2025	Sulfate, total	0.18 J-	mg/L
AW-08	Background	E008	02/05/2025	Temperature	10.0	degrees C
AW-08	Background	E008	02/05/2025	Thallium, total	0.00038 U	mg/L
AW-08	Background	E008	02/05/2025	Total Dissolved Solids	780 J	mg/L
AW-08	Background	E008	02/05/2025	Turbidity, field	60.8	NTU
AP07S	Compliance	E008	02/04/2025	Antimony, total	0.00043 U	mg/L
AP07S	Compliance	E008	02/04/2025	Arsenic, total	0.00069 U	mg/L
AP07S	Compliance	E008	02/04/2025	Barium, total	0.0440	mg/L
AP07S	Compliance	E008	02/04/2025	Beryllium, total	0.00059 U	mg/L
AP07S	Compliance	E008	02/04/2025	Boron, total	9.10	mg/L
AP07S	Compliance	E008	02/04/2025	Cadmium, total	0.00074 U	mg/L
AP07S	Compliance	E008	02/04/2025	Calcium, total	120	mg/L
AP07S	Compliance	E008	02/04/2025	Chloride, total	71.0	mg/L
AP07S	Compliance	E008	02/04/2025	Chromium, total	0.0028 U	mg/L
AP07S	Compliance	E008	02/04/2025	Cobalt, total	0.00240	mg/L
AP07S	Compliance	E008	02/04/2025	Dissolved Oxygen	0.990	mg/L
AP07S	Compliance	E008	02/04/2025	Fluoride, total	0.366	mg/L
AP07S	Compliance	E008	02/04/2025	Lead, total	0.00029 J	mg/L
AP07S	Compliance	E008	02/04/2025	Lithium, total	0.005 U	mg/L
AP07S	Compliance	E008	02/04/2025	Mercury, total	0.00014 U	mg/L
AP07S	Compliance	E008	02/04/2025	Molybdenum, total	0.00140	mg/L
AP07S	Compliance	E008	02/04/2025	Oxidation Reduction Potential	-49.0	mV
AP07S	Compliance	E008	02/04/2025	pH (field)	6.9	SU
AP07S	Compliance	E008	02/04/2025	Radium 226 + Radium 228, total	0.929	pCi/L
AP07S	Compliance	E008	02/04/2025	Selenium, total	0.00074 U	mg/L
AP07S	Compliance	E008	02/04/2025	Specific Conductance @ 25C (field)	1,580	micromhos/cm
AP07S	Compliance	E008	02/04/2025	Sulfate, total	190	mg/L
AP07S	Compliance	E008	02/04/2025	Temperature	12.2	degrees C
AP07S	Compliance	E008	02/04/2025	Thallium, total	0.00038 U	mg/L
AP07S	Compliance	E008	02/04/2025	Total Dissolved Solids	700	mg/L
AP07S	Compliance	E008	02/04/2025	Turbidity, field	57.7	NTU
AW-01	Compliance	E008	01/31/2025	Antimony, total	0.00043 U	mg/L
AW-01	Compliance	E008	01/31/2025	Arsenic, total	0.00540	mg/L
AW-01	Compliance	E008	01/31/2025	Barium, total	0.100	mg/L
AW-01	Compliance	E008	01/31/2025	Beryllium, total	0.00059 U	mg/L
AW-01	Compliance	E008	01/31/2025	Boron, total	0.0830	mg/L
AW-01	Compliance	E008	01/31/2025	Cadmium, total	0.00074 U	mg/L
AW-01	Compliance	E008	01/31/2025	Calcium, total	170	mg/L
AW-01	Compliance	E008	01/31/2025	Chloride, total	9.00	mg/L
AW-01	Compliance	E008	01/31/2025	Chromium, total	0.003 J	mg/L
AW-01	Compliance	E008	01/31/2025	Cobalt, total	0.00290	mg/L
AW-01	Compliance	E008	01/31/2025	Dissolved Oxygen	2.70	mg/L
AW-01	Compliance	E008	01/31/2025	Fluoride, total	0.24 J	mg/L
AW-01	Compliance	E008	01/31/2025	Lead, total	0.00130	mg/L
AW-01	Compliance	E008	01/31/2025	Lithium, total	0.0082 J	mg/L

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ASH POND
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-01	Compliance	E008	01/31/2025	Mercury, total	0.00014 U	mg/L
AW-01	Compliance	E008	01/31/2025	Molybdenum, total	0.00290	mg/L
AW-01	Compliance	E008	01/31/2025	Oxidation Reduction Potential	-115	mV
AW-01	Compliance	E008	01/31/2025	pH (field)	6.7	SU
AW-01	Compliance	E008	01/31/2025	Radium 226 + Radium 228, total	0.896	pCi/L
AW-01	Compliance	E008	01/31/2025	Selenium, total	0.00074 U	mg/L
AW-01	Compliance	E008	01/31/2025	Specific Conductance @ 25C (field)	1,450	micromhos/cm
AW-01	Compliance	E008	01/31/2025	Sulfate, total	40.0	mg/L
AW-01	Compliance	E008	01/31/2025	Temperature	12.6	degrees C
AW-01	Compliance	E008	01/31/2025	Thallium, total	0.00038 U	mg/L
AW-01	Compliance	E008	01/31/2025	Total Dissolved Solids	700	mg/L
AW-01	Compliance	E008	01/31/2025	Turbidity, field	69.0	NTU
AW-05	Compliance	E008	02/06/2025	Antimony, total	0.00043 U	mg/L
AW-05	Compliance	E008	02/06/2025	Arsenic, total	0.00130	mg/L
AW-05	Compliance	E008	02/06/2025	Barium, total	0.0640	mg/L
AW-05	Compliance	E008	02/06/2025	Beryllium, total	0.00059 U	mg/L
AW-05	Compliance	E008	02/06/2025	Boron, total	11.0	mg/L
AW-05	Compliance	E008	02/06/2025	Cadmium, total	0.00074 U	mg/L
AW-05	Compliance	E008	02/06/2025	Calcium, total	180	mg/L
AW-05	Compliance	E008	02/06/2025	Chloride, total	85.0	mg/L
AW-05	Compliance	E008	02/06/2025	Chromium, total	0.0028 U	mg/L
AW-05	Compliance	E008	02/06/2025	Cobalt, total	0.001 J	mg/L
AW-05	Compliance	E008	02/06/2025	Dissolved Oxygen	0.160	mg/L
AW-05	Compliance	E008	02/06/2025	Fluoride, total	0.330	mg/L
AW-05	Compliance	E008	02/06/2025	Lead, total	0.00023 J	mg/L
AW-05	Compliance	E008	02/06/2025	Lithium, total	0.01 J	mg/L
AW-05	Compliance	E008	02/06/2025	Mercury, total	0.00014 U	mg/L
AW-05	Compliance	E008	02/06/2025	Molybdenum, total	0.00170	mg/L
AW-05	Compliance	E008	02/06/2025	Oxidation Reduction Potential	126	mV
AW-05	Compliance	E008	02/06/2025	pH (field)	10.4	SU
AW-05	Compliance	E008	02/06/2025	Radium 226 + Radium 228, total	0.664	pCi/L
AW-05	Compliance	E008	02/06/2025	Selenium, total	0.00074 U	mg/L
AW-05	Compliance	E008	02/06/2025	Specific Conductance @ 25C (field)	1,470	micromhos/cm
AW-05	Compliance	E008	02/06/2025	Sulfate, total	480	mg/L
AW-05	Compliance	E008	02/06/2025	Temperature	9.50	degrees C
AW-05	Compliance	E008	02/06/2025	Thallium, total	0.00038 U	mg/L
AW-05	Compliance	E008	02/06/2025	Total Dissolved Solids	1,200	mg/L
AW-05	Compliance	E008	02/06/2025	Turbidity, field	485	NTU
AW-06	Compliance	E008	02/03/2025	Antimony, total	0.00043 U	mg/L
AW-06	Compliance	E008	02/03/2025	Arsenic, total	0.00200	mg/L
AW-06	Compliance	E008	02/03/2025	Barium, total	0.160	mg/L
AW-06	Compliance	E008	02/03/2025	Beryllium, total	0.00059 U	mg/L
AW-06	Compliance	E008	02/03/2025	Boron, total	0.150	mg/L
AW-06	Compliance	E008	02/03/2025	Cadmium, total	0.00074 U	mg/L
AW-06	Compliance	E008	02/03/2025	Calcium, total	110	mg/L
AW-06	Compliance	E008	02/03/2025	Chloride, total	39.0	mg/L

TABLE 1.
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845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-06	Compliance	E008	02/03/2025	Chromium, total	0.0028 U	mg/L
AW-06	Compliance	E008	02/03/2025	Cobalt, total	0.00048 U	mg/L
AW-06	Compliance	E008	02/03/2025	Dissolved Oxygen	2.60	mg/L
AW-06	Compliance	E008	02/03/2025	Fluoride, total	0.352	mg/L
AW-06	Compliance	E008	02/03/2025	Lead, total	0.00022 U	mg/L
AW-06	Compliance	E008	02/03/2025	Lithium, total	0.014 J	mg/L
AW-06	Compliance	E008	02/03/2025	Mercury, total	0.00014 U	mg/L
AW-06	Compliance	E008	02/03/2025	Molybdenum, total	0.00420	mg/L
AW-06	Compliance	E008	02/03/2025	Oxidation Reduction Potential	-151	mV
AW-06	Compliance	E008	02/03/2025	pH (field)	7.1	SU
AW-06	Compliance	E008	02/03/2025	Radium 226 + Radium 228, total	0.204	pCi/L
AW-06	Compliance	E008	02/03/2025	Selenium, total	0.00074 U	mg/L
AW-06	Compliance	E008	02/03/2025	Specific Conductance @ 25C (field)	1,030	micromhos/cm
AW-06	Compliance	E008	02/03/2025	Sulfate, total	22.0	mg/L
AW-06	Compliance	E008	02/03/2025	Temperature	16.4	degrees C
AW-06	Compliance	E008	02/03/2025	Thallium, total	0.00038 U	mg/L
AW-06	Compliance	E008	02/03/2025	Total Dissolved Solids	550 J	mg/L
AW-06	Compliance	E008	02/03/2025	Turbidity, field	81.7	NTU
AW-09	Compliance	E008	02/04/2025	Antimony, total	0.00043 U	mg/L
AW-09	Compliance	E008	02/04/2025	Arsenic, total	0.0200	mg/L
AW-09	Compliance	E008	02/04/2025	Barium, total	0.390	mg/L
AW-09	Compliance	E008	02/04/2025	Beryllium, total	0.00059 U	mg/L
AW-09	Compliance	E008	02/04/2025	Boron, total	0.370	mg/L
AW-09	Compliance	E008	02/04/2025	Cadmium, total	0.00074 U	mg/L
AW-09	Compliance	E008	02/04/2025	Calcium, total	120	mg/L
AW-09	Compliance	E008	02/04/2025	Chloride, total	29.0	mg/L
AW-09	Compliance	E008	02/04/2025	Chromium, total	0.0028 U	mg/L
AW-09	Compliance	E008	02/04/2025	Cobalt, total	0.0019 J	mg/L
AW-09	Compliance	E008	02/04/2025	Dissolved Oxygen	5.30	mg/L
AW-09	Compliance	E008	02/04/2025	Fluoride, total	0.204 J	mg/L
AW-09	Compliance	E008	02/04/2025	Lead, total	0.00024 J	mg/L
AW-09	Compliance	E008	02/04/2025	Lithium, total	0.017 J	mg/L
AW-09	Compliance	E008	02/04/2025	Mercury, total	0.00014 U	mg/L
AW-09	Compliance	E008	02/04/2025	Molybdenum, total	0.0160	mg/L
AW-09	Compliance	E008	02/04/2025	Oxidation Reduction Potential	-101	mV
AW-09	Compliance	E008	02/04/2025	pH (field)	7.9	SU
AW-09	Compliance	E008	02/04/2025	Radium 226 + Radium 228, total	0.791	pCi/L
AW-09	Compliance	E008	02/04/2025	Selenium, total	0.00074 U	mg/L
AW-09	Compliance	E008	02/04/2025	Specific Conductance @ 25C (field)	1,280	micromhos/cm
AW-09	Compliance	E008	02/04/2025	Sulfate, total	0.51 J	mg/L
AW-09	Compliance	E008	02/04/2025	Temperature	10.0	degrees C
AW-09	Compliance	E008	02/04/2025	Thallium, total	0.00038 U	mg/L
AW-09	Compliance	E008	02/04/2025	Total Dissolved Solids	760	mg/L
AW-09	Compliance	E008	02/04/2025	Turbidity, field	98.3	NTU
AW-10	Compliance	E008	02/05/2025	Antimony, total	0.00043 U	mg/L
AW-10	Compliance	E008	02/05/2025	Arsenic, total	0.00810	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-10	Compliance	E008	02/05/2025	Barium, total	0.810	mg/L
AW-10	Compliance	E008	02/05/2025	Beryllium, total	0.00059 U	mg/L
AW-10	Compliance	E008	02/05/2025	Boron, total	0.460	mg/L
AW-10	Compliance	E008	02/05/2025	Cadmium, total	0.00074 U	mg/L
AW-10	Compliance	E008	02/05/2025	Calcium, total	140	mg/L
AW-10	Compliance	E008	02/05/2025	Chloride, total	86.0	mg/L
AW-10	Compliance	E008	02/05/2025	Chromium, total	0.0120	mg/L
AW-10	Compliance	E008	02/05/2025	Cobalt, total	0.00970	mg/L
AW-10	Compliance	E008	02/05/2025	Dissolved Oxygen	3.60	mg/L
AW-10	Compliance	E008	02/05/2025	Fluoride, total	0.2 U	mg/L
AW-10	Compliance	E008	02/05/2025	Lead, total	0.00990	mg/L
AW-10	Compliance	E008	02/05/2025	Lithium, total	0.0430	mg/L
AW-10	Compliance	E008	02/05/2025	Mercury, total	0.00016 J	mg/L
AW-10	Compliance	E008	02/05/2025	Molybdenum, total	0.00170	mg/L
AW-10	Compliance	E008	02/05/2025	Oxidation Reduction Potential	-86.0	mV
AW-10	Compliance	E008	02/05/2025	pH (field)	10.4	SU
AW-10	Compliance	E008	02/05/2025	Radium 226 + Radium 228, total	3.41	pCi/L
AW-10	Compliance	E008	02/05/2025	Selenium, total	0.00074 U	mg/L
AW-10	Compliance	E008	02/05/2025	Specific Conductance @ 25C (field)	1,740	micromhos/cm
AW-10	Compliance	E008	02/05/2025	Sulfate, total	0.16 J	mg/L
AW-10	Compliance	E008	02/05/2025	Temperature	9.50	degrees C
AW-10	Compliance	E008	02/05/2025	Thallium, total	0.00038 U	mg/L
AW-10	Compliance	E008	02/05/2025	Total Dissolved Solids	1,100	mg/L
AW-10	Compliance	E008	02/05/2025	Turbidity, field	75.7	NTU
AW-11	Compliance	E008	02/04/2025	Antimony, total	0.00043 U	mg/L
AW-11	Compliance	E008	02/04/2025	Arsenic, total	0.00910	mg/L
AW-11	Compliance	E008	02/04/2025	Barium, total	1.20	mg/L
AW-11	Compliance	E008	02/04/2025	Beryllium, total	0.00059 U	mg/L
AW-11	Compliance	E008	02/04/2025	Boron, total	0.290	mg/L
AW-11	Compliance	E008	02/04/2025	Cadmium, total	0.00074 U	mg/L
AW-11	Compliance	E008	02/04/2025	Calcium, total	150	mg/L
AW-11	Compliance	E008	02/04/2025	Chloride, total	36.0	mg/L
AW-11	Compliance	E008	02/04/2025	Chromium, total	0.0028 U	mg/L
AW-11	Compliance	E008	02/04/2025	Cobalt, total	0.00099 J	mg/L
AW-11	Compliance	E008	02/04/2025	Dissolved Oxygen	0.970	mg/L
AW-11	Compliance	E008	02/04/2025	Fluoride, total	0.172 U	mg/L
AW-11	Compliance	E008	02/04/2025	Lead, total	0.00022 U	mg/L
AW-11	Compliance	E008	02/04/2025	Lithium, total	0.0210	mg/L
AW-11	Compliance	E008	02/04/2025	Mercury, total	0.00014 U	mg/L
AW-11	Compliance	E008	02/04/2025	Molybdenum, total	0.00074 U	mg/L
AW-11	Compliance	E008	02/04/2025	Oxidation Reduction Potential	-171	mV
AW-11	Compliance	E008	02/04/2025	pH (field)	6.9	SU
AW-11	Compliance	E008	02/04/2025	Radium 226 + Radium 228, total	2.35	pCi/L
AW-11	Compliance	E008	02/04/2025	Selenium, total	0.00074 U	mg/L
AW-11	Compliance	E008	02/04/2025	Specific Conductance @ 25C (field)	1,870	micromhos/cm
AW-11	Compliance	E008	02/04/2025	Sulfate, total	0.27 J	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-11	Compliance	E008	02/04/2025	Temperature	9.00	degrees C
AW-11	Compliance	E008	02/04/2025	Thallium, total	0.00038 U	mg/L
AW-11	Compliance	E008	02/04/2025	Total Dissolved Solids	940	mg/L
AW-11	Compliance	E008	02/04/2025	Turbidity, field	107	NTU
AW-14	Compliance	E008	02/04/2025	Antimony, total	0.00043 U	mg/L
AW-14	Compliance	E008	02/04/2025	Arsenic, total	0.00130	mg/L
AW-14	Compliance	E008	02/04/2025	Barium, total	0.470	mg/L
AW-14	Compliance	E008	02/04/2025	Beryllium, total	0.00059 U	mg/L
AW-14	Compliance	E008	02/04/2025	Boron, total	0.180	mg/L
AW-14	Compliance	E008	02/04/2025	Cadmium, total	0.00074 U	mg/L
AW-14	Compliance	E008	02/04/2025	Calcium, total	170	mg/L
AW-14	Compliance	E008	02/04/2025	Chloride, total	25.0	mg/L
AW-14	Compliance	E008	02/04/2025	Chromium, total	0.0028 U	mg/L
AW-14	Compliance	E008	02/04/2025	Cobalt, total	0.0017 J	mg/L
AW-14	Compliance	E008	02/04/2025	Dissolved Oxygen	0	mg/L
AW-14	Compliance	E008	02/04/2025	Fluoride, total	0.631	mg/L
AW-14	Compliance	E008	02/04/2025	Lead, total	0.00024 J	mg/L
AW-14	Compliance	E008	02/04/2025	Lithium, total	0.015 J	mg/L
AW-14	Compliance	E008	02/04/2025	Mercury, total	0.00014 U	mg/L
AW-14	Compliance	E008	02/04/2025	Molybdenum, total	0.00074 U	mg/L
AW-14	Compliance	E008	02/04/2025	Oxidation Reduction Potential	-93.0	mV
AW-14	Compliance	E008	02/04/2025	pH (field)	7.6	SU
AW-14	Compliance	E008	02/04/2025	Radium 226 + Radium 228, total	3.02	pCi/L
AW-14	Compliance	E008	02/04/2025	Selenium, total	0.00074 U	mg/L
AW-14	Compliance	E008	02/04/2025	Specific Conductance @ 25C (field)	1,540	micromhos/cm
AW-14	Compliance	E008	02/04/2025	Sulfate, total	1.20	mg/L
AW-14	Compliance	E008	02/04/2025	Temperature	10.8	degrees C
AW-14	Compliance	E008	02/04/2025	Thallium, total	0.00038 U	mg/L
AW-14	Compliance	E008	02/04/2025	Total Dissolved Solids	1,000	mg/L
AW-14	Compliance	E008	02/04/2025	Turbidity, field	33.4	NTU
AW-15	Compliance	E008	02/04/2025	Antimony, total	0.00043 U	mg/L
AW-15	Compliance	E008	02/04/2025	Arsenic, total	0.00200	mg/L
AW-15	Compliance	E008	02/04/2025	Barium, total	1.80	mg/L
AW-15	Compliance	E008	02/04/2025	Beryllium, total	0.00059 U	mg/L
AW-15	Compliance	E008	02/04/2025	Boron, total	0.370	mg/L
AW-15	Compliance	E008	02/04/2025	Cadmium, total	0.00074 U	mg/L
AW-15	Compliance	E008	02/04/2025	Calcium, total	140	mg/L
AW-15	Compliance	E008	02/04/2025	Chloride, total	35.0	mg/L
AW-15	Compliance	E008	02/04/2025	Chromium, total	0.0028 U	mg/L
AW-15	Compliance	E008	02/04/2025	Cobalt, total	0.0015 J	mg/L
AW-15	Compliance	E008	02/04/2025	Dissolved Oxygen	0	mg/L
AW-15	Compliance	E008	02/04/2025	Fluoride, total	0.172 U	mg/L
AW-15	Compliance	E008	02/04/2025	Lead, total	0.00022 U	mg/L
AW-15	Compliance	E008	02/04/2025	Lithium, total	0.0330	mg/L
AW-15	Compliance	E008	02/04/2025	Mercury, total	0.00014 U	mg/L
AW-15	Compliance	E008	02/04/2025	Molybdenum, total	0.00074 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 1, 2025
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ASH POND
BARTONVILLE, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-15	Compliance	E008	02/04/2025	Oxidation Reduction Potential	-61.0	mV
AW-15	Compliance	E008	02/04/2025	pH (field)	7.5	SU
AW-15	Compliance	E008	02/04/2025	Radium 226 + Radium 228, total	4.48	pCi/L
AW-15	Compliance	E008	02/04/2025	Selenium, total	0.00074 U	mg/L
AW-15	Compliance	E008	02/04/2025	Specific Conductance @ 25C (field)	1,680	micromhos/cm
AW-15	Compliance	E008	02/04/2025	Sulfate, total	0.42 J	mg/L
AW-15	Compliance	E008	02/04/2025	Temperature	11.4	degrees C
AW-15	Compliance	E008	02/04/2025	Thallium, total	0.00038 U	mg/L
AW-15	Compliance	E008	02/04/2025	Total Dissolved Solids	940	mg/L
AW-15	Compliance	E008	02/04/2025	Turbidity, field	52.0	NTU
AW-15S	Compliance	E008	02/04/2025	Antimony, total	0.00043 U	mg/L
AW-15S	Compliance	E008	02/04/2025	Arsenic, total	0.00069 U	mg/L
AW-15S	Compliance	E008	02/04/2025	Barium, total	0.0710	mg/L
AW-15S	Compliance	E008	02/04/2025	Beryllium, total	0.00059 U	mg/L
AW-15S	Compliance	E008	02/04/2025	Boron, total	6.60	mg/L
AW-15S	Compliance	E008	02/04/2025	Cadmium, total	0.00074 U	mg/L
AW-15S	Compliance	E008	02/04/2025	Calcium, total	260	mg/L
AW-15S	Compliance	E008	02/04/2025	Chloride, total	31.0	mg/L
AW-15S	Compliance	E008	02/04/2025	Chromium, total	0.0028 U	mg/L
AW-15S	Compliance	E008	02/04/2025	Cobalt, total	0.00048 U	mg/L
AW-15S	Compliance	E008	02/04/2025	Dissolved Oxygen	0	mg/L
AW-15S	Compliance	E008	02/04/2025	Fluoride, total	0.265	mg/L
AW-15S	Compliance	E008	02/04/2025	Lead, total	0.00022 U	mg/L
AW-15S	Compliance	E008	02/04/2025	Lithium, total	0.015 J	mg/L
AW-15S	Compliance	E008	02/04/2025	Mercury, total	0.00014 U	mg/L
AW-15S	Compliance	E008	02/04/2025	Molybdenum, total	0.00260	mg/L
AW-15S	Compliance	E008	02/04/2025	Oxidation Reduction Potential	20.0	mV
AW-15S	Compliance	E008	02/04/2025	pH (field)	8.1	SU
AW-15S	Compliance	E008	02/04/2025	Radium 226 + Radium 228, total	1.28	pCi/L
AW-15S	Compliance	E008	02/04/2025	Selenium, total	0.00200	mg/L
AW-15S	Compliance	E008	02/04/2025	Specific Conductance @ 25C (field)	1,480	micromhos/cm
AW-15S	Compliance	E008	02/04/2025	Sulfate, total	520	mg/L
AW-15S	Compliance	E008	02/04/2025	Temperature	10.0	degrees C
AW-15S	Compliance	E008	02/04/2025	Thallium, total	0.00038 U	mg/L
AW-15S	Compliance	E008	02/04/2025	Total Dissolved Solids	1,300	mg/L
AW-15S	Compliance	E008	02/04/2025	Turbidity, field	60.1	NTU
AW-16	Compliance	E008	01/31/2025	Antimony, total	0.00043 U	mg/L
AW-16	Compliance	E008	01/31/2025	Arsenic, total	0.00100	mg/L
AW-16	Compliance	E008	01/31/2025	Barium, total	1.10	mg/L
AW-16	Compliance	E008	01/31/2025	Beryllium, total	0.00059 U	mg/L
AW-16	Compliance	E008	01/31/2025	Boron, total	0.450	mg/L
AW-16	Compliance	E008	01/31/2025	Cadmium, total	0.00074 U	mg/L
AW-16	Compliance	E008	01/31/2025	Calcium, total	140	mg/L
AW-16	Compliance	E008	01/31/2025	Chloride, total	48.0	mg/L
AW-16	Compliance	E008	01/31/2025	Chromium, total	0.0028 U	mg/L
AW-16	Compliance	E008	01/31/2025	Cobalt, total	0.0014 J	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-16	Compliance	E008	01/31/2025	Dissolved Oxygen	0.550	mg/L
AW-16	Compliance	E008	01/31/2025	Fluoride, total	0.2 U	mg/L
AW-16	Compliance	E008	01/31/2025	Lead, total	0.00022 U	mg/L
AW-16	Compliance	E008	01/31/2025	Lithium, total	0.0360	mg/L
AW-16	Compliance	E008	01/31/2025	Mercury, total	0.00016 J	mg/L
AW-16	Compliance	E008	01/31/2025	Molybdenum, total	0.00180	mg/L
AW-16	Compliance	E008	01/31/2025	Oxidation Reduction Potential	-142	mV
AW-16	Compliance	E008	01/31/2025	pH (field)	6.7	SU
AW-16	Compliance	E008	01/31/2025	Radium 226 + Radium 228, total	4.52	pCi/L
AW-16	Compliance	E008	01/31/2025	Selenium, total	0.00074 U	mg/L
AW-16	Compliance	E008	01/31/2025	Specific Conductance @ 25C (field)	2,260	micromhos/cm
AW-16	Compliance	E008	01/31/2025	Sulfate, total	0.13 U	mg/L
AW-16	Compliance	E008	01/31/2025	Temperature	11.4	degrees C
AW-16	Compliance	E008	01/31/2025	Thallium, total	0.00038 U	mg/L
AW-16	Compliance	E008	01/31/2025	Total Dissolved Solids	1,100	mg/L
AW-16	Compliance	E008	01/31/2025	Turbidity, field	4.10	NTU
AW-17	Compliance	E008	02/04/2025	Antimony, total	0.00043 U	mg/L
AW-17	Compliance	E008	02/04/2025	Arsenic, total	0.00370	mg/L
AW-17	Compliance	E008	02/04/2025	Barium, total	1.00	mg/L
AW-17	Compliance	E008	02/04/2025	Beryllium, total	0.00059 U	mg/L
AW-17	Compliance	E008	02/04/2025	Boron, total	0.390	mg/L
AW-17	Compliance	E008	02/04/2025	Cadmium, total	0.00074 U	mg/L
AW-17	Compliance	E008	02/04/2025	Calcium, total	110	mg/L
AW-17	Compliance	E008	02/04/2025	Chloride, total	56.0	mg/L
AW-17	Compliance	E008	02/04/2025	Chromium, total	0.0028 U	mg/L
AW-17	Compliance	E008	02/04/2025	Cobalt, total	0.0017 J	mg/L
AW-17	Compliance	E008	02/04/2025	Dissolved Oxygen	0	mg/L
AW-17	Compliance	E008	02/04/2025	Fluoride, total	0.172 U	mg/L
AW-17	Compliance	E008	02/04/2025	Lead, total	0.00022 U	mg/L
AW-17	Compliance	E008	02/04/2025	Lithium, total	0.0330	mg/L
AW-17	Compliance	E008	02/04/2025	Mercury, total	0.00014 U	mg/L
AW-17	Compliance	E008	02/04/2025	Molybdenum, total	0.00074 U	mg/L
AW-17	Compliance	E008	02/04/2025	Oxidation Reduction Potential	-85.0	mV
AW-17	Compliance	E008	02/04/2025	pH (field)	7.4	SU
AW-17	Compliance	E008	02/04/2025	Radium 226 + Radium 228, total	3.06	pCi/L
AW-17	Compliance	E008	02/04/2025	Selenium, total	0.00074 U	mg/L
AW-17	Compliance	E008	02/04/2025	Specific Conductance @ 25C (field)	1,520	micromhos/cm
AW-17	Compliance	E008	02/04/2025	Sulfate, total	0.32 J	mg/L
AW-17	Compliance	E008	02/04/2025	Temperature	10.6	degrees C
AW-17	Compliance	E008	02/04/2025	Thallium, total	0.00038 U	mg/L
AW-17	Compliance	E008	02/04/2025	Total Dissolved Solids	890	mg/L
AW-17	Compliance	E008	02/04/2025	Turbidity, field	57.8	NTU
AW-18	Compliance	E008	01/31/2025	Antimony, total	0.00043 U	mg/L
AW-18	Compliance	E008	01/31/2025	Arsenic, total	0.00280	mg/L
AW-18	Compliance	E008	01/31/2025	Barium, total	1.30	mg/L
AW-18	Compliance	E008	01/31/2025	Beryllium, total	0.00059 U	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-18	Compliance	E008	01/31/2025	Boron, total	1.30	mg/L
AW-18	Compliance	E008	01/31/2025	Cadmium, total	0.00074 U	mg/L
AW-18	Compliance	E008	01/31/2025	Calcium, total	120	mg/L
AW-18	Compliance	E008	01/31/2025	Chloride, total	83.0	mg/L
AW-18	Compliance	E008	01/31/2025	Chromium, total	0.0028 U	mg/L
AW-18	Compliance	E008	01/31/2025	Cobalt, total	0.00073 J	mg/L
AW-18	Compliance	E008	01/31/2025	Dissolved Oxygen	0.470	mg/L
AW-18	Compliance	E008	01/31/2025	Fluoride, total	0.2 U	mg/L
AW-18	Compliance	E008	01/31/2025	Lead, total	0.00044 J	mg/L
AW-18	Compliance	E008	01/31/2025	Lithium, total	0.0200	mg/L
AW-18	Compliance	E008	01/31/2025	Mercury, total	0.00014 U	mg/L
AW-18	Compliance	E008	01/31/2025	Molybdenum, total	0.00320	mg/L
AW-18	Compliance	E008	01/31/2025	Oxidation Reduction Potential	-144	mV
AW-18	Compliance	E008	01/31/2025	pH (field)	6.8	SU
AW-18	Compliance	E008	01/31/2025	Radium 226 + Radium 228, total	4.39	pCi/L
AW-18	Compliance	E008	01/31/2025	Selenium, total	0.00074 U	mg/L
AW-18	Compliance	E008	01/31/2025	Specific Conductance @ 25C (field)	1,930	micromhos/cm
AW-18	Compliance	E008	01/31/2025	Sulfate, total	4.10	mg/L
AW-18	Compliance	E008	01/31/2025	Temperature	12.2	degrees C
AW-18	Compliance	E008	01/31/2025	Thallium, total	0.00038 U	mg/L
AW-18	Compliance	E008	01/31/2025	Total Dissolved Solids	890	mg/L
AW-18	Compliance	E008	01/31/2025	Turbidity, field	102	NTU
AW-19	Compliance	E008	01/31/2025	Antimony, total	0.00043 U	mg/L
AW-19	Compliance	E008	01/31/2025	Arsenic, total	0.0110	mg/L
AW-19	Compliance	E008	01/31/2025	Barium, total	0.190	mg/L
AW-19	Compliance	E008	01/31/2025	Beryllium, total	0.00059 U	mg/L
AW-19	Compliance	E008	01/31/2025	Boron, total	3.30	mg/L
AW-19	Compliance	E008	01/31/2025	Cadmium, total	0.00074 U	mg/L
AW-19	Compliance	E008	01/31/2025	Calcium, total	130	mg/L
AW-19	Compliance	E008	01/31/2025	Chloride, total	72.0	mg/L
AW-19	Compliance	E008	01/31/2025	Chromium, total	0.0028 U	mg/L
AW-19	Compliance	E008	01/31/2025	Cobalt, total	0.00086 J	mg/L
AW-19	Compliance	E008	01/31/2025	Dissolved Oxygen	0.910	mg/L
AW-19	Compliance	E008	01/31/2025	Fluoride, total	0.215 J	mg/L
AW-19	Compliance	E008	01/31/2025	Lead, total	0.00056 J	mg/L
AW-19	Compliance	E008	01/31/2025	Lithium, total	0.012 J	mg/L
AW-19	Compliance	E008	01/31/2025	Mercury, total	0.00014 U	mg/L
AW-19	Compliance	E008	01/31/2025	Molybdenum, total	0.00420	mg/L
AW-19	Compliance	E008	01/31/2025	Oxidation Reduction Potential	-83.0	mV
AW-19	Compliance	E008	01/31/2025	pH (field)	7.0	SU
AW-19	Compliance	E008	01/31/2025	Radium 226 + Radium 228, total	1.22	pCi/L
AW-19	Compliance	E008	01/31/2025	Selenium, total	0.00074 U	mg/L
AW-19	Compliance	E008	01/31/2025	Specific Conductance @ 25C (field)	1,180	micromhos/cm
AW-19	Compliance	E008	01/31/2025	Sulfate, total	52.0	mg/L
AW-19	Compliance	E008	01/31/2025	Temperature	14.0	degrees C
AW-19	Compliance	E008	01/31/2025	Thallium, total	0.00038 U	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-19	Compliance	E008	01/31/2025	Total Dissolved Solids	620	mg/L
AW-19	Compliance	E008	01/31/2025	Turbidity, field	30.0	NTU
AW-21	Compliance	E008	02/03/2025	Antimony, total	0.00062 J	mg/L
AW-21	Compliance	E008	02/03/2025	Arsenic, total	0.00130	mg/L
AW-21	Compliance	E008	02/03/2025	Barium, total	0.0510	mg/L
AW-21	Compliance	E008	02/03/2025	Beryllium, total	0.00059 U	mg/L
AW-21	Compliance	E008	02/03/2025	Boron, total	10.0	mg/L
AW-21	Compliance	E008	02/03/2025	Cadmium, total	0.00074 U	mg/L
AW-21	Compliance	E008	02/03/2025	Calcium, total	120	mg/L
AW-21	Compliance	E008	02/03/2025	Chloride, total	83.0	mg/L
AW-21	Compliance	E008	02/03/2025	Chromium, total	0.0028 U	mg/L
AW-21	Compliance	E008	02/03/2025	Cobalt, total	0.00049 J	mg/L
AW-21	Compliance	E008	02/03/2025	Dissolved Oxygen	2.40	mg/L
AW-21	Compliance	E008	02/03/2025	Fluoride, total	0.289	mg/L
AW-21	Compliance	E008	02/03/2025	Lead, total	0.00022 U	mg/L
AW-21	Compliance	E008	02/03/2025	Lithium, total	0.0062 J	mg/L
AW-21	Compliance	E008	02/03/2025	Mercury, total	0.00014 U	mg/L
AW-21	Compliance	E008	02/03/2025	Molybdenum, total	0.0210	mg/L
AW-21	Compliance	E008	02/03/2025	Oxidation Reduction Potential	-18.0	mV
AW-21	Compliance	E008	02/03/2025	pH (field)	7.2	SU
AW-21	Compliance	E008	02/03/2025	Radium 226 + Radium 228, total	1.27	pCi/L
AW-21	Compliance	E008	02/03/2025	Selenium, total	0.00150	mg/L
AW-21	Compliance	E008	02/03/2025	Specific Conductance @ 25C (field)	1,070	micromhos/cm
AW-21	Compliance	E008	02/03/2025	Sulfate, total	250	mg/L
AW-21	Compliance	E008	02/03/2025	Temperature	15.1	degrees C
AW-21	Compliance	E008	02/03/2025	Thallium, total	0.00038 U	mg/L
AW-21	Compliance	E008	02/03/2025	Total Dissolved Solids	680	mg/L
AW-21	Compliance	E008	02/03/2025	Turbidity, field	6.80	NTU

Notes:
C = Celsius
cm = centimeter
Events:
E008 = Quarter 1, 2025 sampling event
mg/L = milligrams per liter
mV = millivolts
NTU = Nephelometric Turbidity Units
pCi/L = picocuries per liter
Result Code (if applicable):
NR¹ = Parameter not analyzed.
NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS³ = The location was not accessible; therefore, a sample was not collected.
NS⁴ = The location could not be found; therefore, a sample was not collected.
NS⁵ = The location was damaged; therefore, a sample was not collected.
NS⁶ = Sampling pump could not yield a sample.
NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS⁸ = A sample was not collected.
PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.
Result qualifiers as defined in the United States Environmental Protection Agency's *National Functional Guidelines for Inorganic Superfund Methods Data Review*, EPA 542-R-20-006. November 2020.:
J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J- = The result is an estimated quantity, but the result may be biased low.
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 2, 2025
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AP05S	Background	E009	04/23/2025	Antimony, total	0.00043 U	mg/L
AP05S	Background	E009	04/23/2025	Arsenic, total	0.00130	mg/L
AP05S	Background	E009	04/23/2025	Barium, total	0.610	mg/L
AP05S	Background	E009	04/23/2025	Beryllium, total	0.00059 U	mg/L
AP05S	Background	E009	04/23/2025	Boron, total	0.280	mg/L
AP05S	Background	E009	04/23/2025	Cadmium, total	0.00074 U	mg/L
AP05S	Background	E009	04/23/2025	Calcium, total	100	mg/L
AP05S	Background	E009	04/23/2025	Chloride, total	38.0	mg/L
AP05S	Background	E009	04/23/2025	Chromium, total	0.0029 J	mg/L
AP05S	Background	E009	04/23/2025	Cobalt, total	0.0017 J	mg/L
AP05S	Background	E009	04/23/2025	Dissolved Oxygen	0.680	mg/L
AP05S	Background	E009	04/23/2025	Fluoride, total	0.172 U	mg/L
AP05S	Background	E009	04/23/2025	Lead, total	0.00150	mg/L
AP05S	Background	E009	04/23/2025	Lithium, total	0.0230	mg/L
AP05S	Background	E009	04/23/2025	Mercury, total	0.00014 U	mg/L
AP05S	Background	E009	04/23/2025	Molybdenum, total	0.00074 U	mg/L
AP05S	Background	E009	04/23/2025	Oxidation Reduction Potential	-89.0	mV
AP05S	Background	E009	04/23/2025	pH (field)	6.9	SU
AP05S	Background	E009	04/23/2025	Radium 226 + Radium 228, total	2.49	pCi/L
AP05S	Background	E009	04/23/2025	Selenium, total	0.00074 U	mg/L
AP05S	Background	E009	04/23/2025	Specific Conductance @ 25C (field)	1,220	micromhos/cm
AP05S	Background	E009	04/23/2025	Sulfate, total	0.53 J	mg/L
AP05S	Background	E009	04/23/2025	Temperature	15.8	degrees C
AP05S	Background	E009	04/23/2025	Thallium, total	0.00038 U	mg/L
AP05S	Background	E009	04/23/2025	Total Dissolved Solids	820	mg/L
AP05S	Background	E009	04/23/2025	Turbidity, field	157	NTU
AW-08	Background	E009	04/23/2025	Antimony, total	0.00056 J	mg/L
AW-08	Background	E009	04/23/2025	Arsenic, total	0.00680	mg/L
AW-08	Background	E009	04/23/2025	Barium, total	0.180	mg/L
AW-08	Background	E009	04/23/2025	Beryllium, total	0.00059 U	mg/L
AW-08	Background	E009	04/23/2025	Boron, total	0.410	mg/L
AW-08	Background	E009	04/23/2025	Cadmium, total	0.00430	mg/L
AW-08	Background	E009	04/23/2025	Calcium, total	140	mg/L
AW-08	Background	E009	04/23/2025	Chloride, total	20.0	mg/L
AW-08	Background	E009	04/23/2025	Chromium, total	0.00880	mg/L
AW-08	Background	E009	04/23/2025	Cobalt, total	0.0016 J	mg/L
AW-08	Background	E009	04/23/2025	Dissolved Oxygen	1.00	mg/L
AW-08	Background	E009	04/23/2025	Fluoride, total	0.261	mg/L
AW-08	Background	E009	04/23/2025	Lead, total	0.00096 J	mg/L
AW-08	Background	E009	04/23/2025	Lithium, total	0.012 J	mg/L
AW-08	Background	E009	04/23/2025	Mercury, total	0.00014 U	mg/L
AW-08	Background	E009	04/23/2025	Molybdenum, total	0.00220	mg/L
AW-08	Background	E009	04/23/2025	Oxidation Reduction Potential	-162	mV
AW-08	Background	E009	04/23/2025	pH (field)	7.6	SU
AW-08	Background	E009	04/23/2025	Radium 226 + Radium 228, total	0.833	pCi/L
AW-08	Background	E009	04/23/2025	Selenium, total	0.00074 U	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-08	Background	E009	04/23/2025	Specific Conductance @ 25C (field)	907	micromhos/cm
AW-08	Background	E009	04/23/2025	Sulfate, total	7.20	mg/L
AW-08	Background	E009	04/23/2025	Temperature	19.1	degrees C
AW-08	Background	E009	04/23/2025	Thallium, total	0.00038 U	mg/L
AW-08	Background	E009	04/23/2025	Total Dissolved Solids	680	mg/L
AW-08	Background	E009	04/23/2025	Turbidity, field	98.5	NTU
AP07S	Compliance	E009	04/23/2025	Antimony, total	0.00043 U	mg/L
AP07S	Compliance	E009	04/23/2025	Arsenic, total	0.00069 U	mg/L
AP07S	Compliance	E009	04/23/2025	Barium, total	0.0490	mg/L
AP07S	Compliance	E009	04/23/2025	Beryllium, total	0.00059 U	mg/L
AP07S	Compliance	E009	04/23/2025	Boron, total	8.60	mg/L
AP07S	Compliance	E009	04/23/2025	Cadmium, total	0.00074 U	mg/L
AP07S	Compliance	E009	04/23/2025	Calcium, total	140	mg/L
AP07S	Compliance	E009	04/23/2025	Chloride, total	67.0	mg/L
AP07S	Compliance	E009	04/23/2025	Chromium, total	0.0028 U	mg/L
AP07S	Compliance	E009	04/23/2025	Cobalt, total	0.00280	mg/L
AP07S	Compliance	E009	04/23/2025	Dissolved Oxygen	1.00	mg/L
AP07S	Compliance	E009	04/23/2025	Fluoride, total	0.291	mg/L
AP07S	Compliance	E009	04/23/2025	Lead, total	0.00035 J	mg/L
AP07S	Compliance	E009	04/23/2025	Lithium, total	0.005 U	mg/L
AP07S	Compliance	E009	04/23/2025	Mercury, total	0.00018 J	mg/L
AP07S	Compliance	E009	04/23/2025	Molybdenum, total	0.00092 J	mg/L
AP07S	Compliance	E009	04/23/2025	Oxidation Reduction Potential	12.0	mV
AP07S	Compliance	E009	04/23/2025	pH (field)	6.9	SU
AP07S	Compliance	E009	04/23/2025	Radium 226 + Radium 228, total	0.153	pCi/L
AP07S	Compliance	E009	04/23/2025	Selenium, total	0.00074 U	mg/L
AP07S	Compliance	E009	04/23/2025	Specific Conductance @ 25C (field)	1,140	micromhos/cm
AP07S	Compliance	E009	04/23/2025	Sulfate, total	210	mg/L
AP07S	Compliance	E009	04/23/2025	Temperature	18.4	degrees C
AP07S	Compliance	E009	04/23/2025	Thallium, total	0.00038 U	mg/L
AP07S	Compliance	E009	04/23/2025	Total Dissolved Solids	800	mg/L
AP07S	Compliance	E009	04/23/2025	Turbidity, field	107	NTU
AW-01	Compliance	E009	04/23/2025	Antimony, total	0.00043 U	mg/L
AW-01	Compliance	E009	04/23/2025	Arsenic, total	0.00390	mg/L
AW-01	Compliance	E009	04/23/2025	Barium, total	0.0760	mg/L
AW-01	Compliance	E009	04/23/2025	Beryllium, total	0.00059 U	mg/L
AW-01	Compliance	E009	04/23/2025	Boron, total	0.0720	mg/L
AW-01	Compliance	E009	04/23/2025	Cadmium, total	0.00074 U	mg/L
AW-01	Compliance	E009	04/23/2025	Calcium, total	170	mg/L
AW-01	Compliance	E009	04/23/2025	Chloride, total	8.00	mg/L
AW-01	Compliance	E009	04/23/2025	Chromium, total	0.0028 U	mg/L
AW-01	Compliance	E009	04/23/2025	Cobalt, total	0.0013 J	mg/L
AW-01	Compliance	E009	04/23/2025	Dissolved Oxygen	1.60	mg/L
AW-01	Compliance	E009	04/23/2025	Fluoride, total	0.242 J	mg/L
AW-01	Compliance	E009	04/23/2025	Lead, total	0.00022 U	mg/L
AW-01	Compliance	E009	04/23/2025	Lithium, total	0.005 U	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-01	Compliance	E009	04/23/2025	Mercury, total	0.00014 U	mg/L
AW-01	Compliance	E009	04/23/2025	Molybdenum, total	0.00350	mg/L
AW-01	Compliance	E009	04/23/2025	Oxidation Reduction Potential	-62.0	mV
AW-01	Compliance	E009	04/23/2025	pH (field)	7.5	SU
AW-01	Compliance	E009	04/23/2025	Radium 226 + Radium 228, total	0.826	pCi/L
AW-01	Compliance	E009	04/23/2025	Selenium, total	0.00074 U	mg/L
AW-01	Compliance	E009	04/23/2025	Specific Conductance @ 25C (field)	922	micromhos/cm
AW-01	Compliance	E009	04/23/2025	Sulfate, total	49.0	mg/L
AW-01	Compliance	E009	04/23/2025	Temperature	18.0	degrees C
AW-01	Compliance	E009	04/23/2025	Thallium, total	0.00038 U	mg/L
AW-01	Compliance	E009	04/23/2025	Total Dissolved Solids	710	mg/L
AW-01	Compliance	E009	04/23/2025	Turbidity, field	232	NTU
AW-05	Compliance	E009	04/24/2025	Antimony, total	0.00043 U	mg/L
AW-05	Compliance	E009	04/24/2025	Arsenic, total	0.00190	mg/L
AW-05	Compliance	E009	04/24/2025	Barium, total	0.0700	mg/L
AW-05	Compliance	E009	04/24/2025	Beryllium, total	0.00059 U	mg/L
AW-05	Compliance	E009	04/24/2025	Boron, total	8.70	mg/L
AW-05	Compliance	E009	04/24/2025	Cadmium, total	0.00074 U	mg/L
AW-05	Compliance	E009	04/24/2025	Calcium, total	180	mg/L
AW-05	Compliance	E009	04/24/2025	Chloride, total	75.0	mg/L
AW-05	Compliance	E009	04/24/2025	Chromium, total	0.0028 U	mg/L
AW-05	Compliance	E009	04/24/2025	Cobalt, total	0.0014 J	mg/L
AW-05	Compliance	E009	04/24/2025	Dissolved Oxygen	3.20	mg/L
AW-05	Compliance	E009	04/24/2025	Fluoride, total	0.178 J	mg/L
AW-05	Compliance	E009	04/24/2025	Lead, total	0.00022 U	mg/L
AW-05	Compliance	E009	04/24/2025	Lithium, total	0.011 J	mg/L
AW-05	Compliance	E009	04/24/2025	Mercury, total	0.00014 U	mg/L
AW-05	Compliance	E009	04/24/2025	Molybdenum, total	0.00180	mg/L
AW-05	Compliance	E009	04/24/2025	Oxidation Reduction Potential	134	mV
AW-05	Compliance	E009	04/24/2025	pH (field)	7.6	SU
AW-05	Compliance	E009	04/24/2025	Radium 226 + Radium 228, total	0.321	pCi/L
AW-05	Compliance	E009	04/24/2025	Selenium, total	0.00074 U	mg/L
AW-05	Compliance	E009	04/24/2025	Specific Conductance @ 25C (field)	1,180	micromhos/cm
AW-05	Compliance	E009	04/24/2025	Sulfate, total	410	mg/L
AW-05	Compliance	E009	04/24/2025	Temperature	14.8	degrees C
AW-05	Compliance	E009	04/24/2025	Thallium, total	0.00038 U	mg/L
AW-05	Compliance	E009	04/24/2025	Total Dissolved Solids	1,100	mg/L
AW-05	Compliance	E009	04/24/2025	Turbidity, field	228	NTU
AW-06	Compliance	E009	04/23/2025	Antimony, total	0.00043 U	mg/L
AW-06	Compliance	E009	04/23/2025	Arsenic, total	0.00150	mg/L
AW-06	Compliance	E009	04/23/2025	Barium, total	0.150	mg/L
AW-06	Compliance	E009	04/23/2025	Beryllium, total	0.00059 U	mg/L
AW-06	Compliance	E009	04/23/2025	Boron, total	0.130	mg/L
AW-06	Compliance	E009	04/23/2025	Cadmium, total	0.00074 U	mg/L
AW-06	Compliance	E009	04/23/2025	Calcium, total	100	mg/L
AW-06	Compliance	E009	04/23/2025	Chloride, total	35.0	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-06	Compliance	E009	04/23/2025	Chromium, total	0.0028 U	mg/L
AW-06	Compliance	E009	04/23/2025	Cobalt, total	0.00048 U	mg/L
AW-06	Compliance	E009	04/23/2025	Dissolved Oxygen	1.00	mg/L
AW-06	Compliance	E009	04/23/2025	Fluoride, total	0.357	mg/L
AW-06	Compliance	E009	04/23/2025	Lead, total	0.00022 U	mg/L
AW-06	Compliance	E009	04/23/2025	Lithium, total	0.013 J	mg/L
AW-06	Compliance	E009	04/23/2025	Mercury, total	0.00014 U	mg/L
AW-06	Compliance	E009	04/23/2025	Molybdenum, total	0.00450	mg/L
AW-06	Compliance	E009	04/23/2025	Oxidation Reduction Potential	-106	mV
AW-06	Compliance	E009	04/23/2025	pH (field)	7.7	SU
AW-06	Compliance	E009	04/23/2025	Radium 226 + Radium 228, total	0.0595	pCi/L
AW-06	Compliance	E009	04/23/2025	Selenium, total	0.00074 U	mg/L
AW-06	Compliance	E009	04/23/2025	Specific Conductance @ 25C (field)	731	micromhos/cm
AW-06	Compliance	E009	04/23/2025	Sulfate, total	19.0	mg/L
AW-06	Compliance	E009	04/23/2025	Temperature	16.4	degrees C
AW-06	Compliance	E009	04/23/2025	Thallium, total	0.00038 U	mg/L
AW-06	Compliance	E009	04/23/2025	Total Dissolved Solids	520	mg/L
AW-06	Compliance	E009	04/23/2025	Turbidity, field	120	NTU
AW-09	Compliance	E009	04/22/2025	Antimony, total	0.00043 U	mg/L
AW-09	Compliance	E009	04/22/2025	Arsenic, total	0.0250	mg/L
AW-09	Compliance	E009	04/22/2025	Barium, total	0.460	mg/L
AW-09	Compliance	E009	04/22/2025	Beryllium, total	0.00059 U	mg/L
AW-09	Compliance	E009	04/22/2025	Boron, total	0.300	mg/L
AW-09	Compliance	E009	04/22/2025	Cadmium, total	0.00074 U	mg/L
AW-09	Compliance	E009	04/22/2025	Calcium, total	120	mg/L
AW-09	Compliance	E009	04/22/2025	Chloride, total	31.0	mg/L
AW-09	Compliance	E009	04/22/2025	Chromium, total	0.0028 U	mg/L
AW-09	Compliance	E009	04/22/2025	Cobalt, total	0.0018 J	mg/L
AW-09	Compliance	E009	04/22/2025	Dissolved Oxygen	1.80	mg/L
AW-09	Compliance	E009	04/22/2025	Fluoride, total	0.2 U	mg/L
AW-09	Compliance	E009	04/22/2025	Lead, total	0.00022 U	mg/L
AW-09	Compliance	E009	04/22/2025	Lithium, total	0.017 J	mg/L
AW-09	Compliance	E009	04/22/2025	Mercury, total	0.00014 U	mg/L
AW-09	Compliance	E009	04/22/2025	Molybdenum, total	0.0140	mg/L
AW-09	Compliance	E009	04/22/2025	Oxidation Reduction Potential	-106	mV
AW-09	Compliance	E009	04/22/2025	pH (field)	7.0	SU
AW-09	Compliance	E009	04/22/2025	Radium 226 + Radium 228, total	1.14	pCi/L
AW-09	Compliance	E009	04/22/2025	Selenium, total	0.00074 U	mg/L
AW-09	Compliance	E009	04/22/2025	Specific Conductance @ 25C (field)	1,370	micromhos/cm
AW-09	Compliance	E009	04/22/2025	Sulfate, total	0.13 U	mg/L
AW-09	Compliance	E009	04/22/2025	Temperature	18.9	degrees C
AW-09	Compliance	E009	04/22/2025	Thallium, total	0.00038 U	mg/L
AW-09	Compliance	E009	04/22/2025	Total Dissolved Solids	760	mg/L
AW-09	Compliance	E009	04/22/2025	Turbidity, field	70.4	NTU
AW-10	Compliance	E009	04/22/2025	Antimony, total	0.00043 U	mg/L
AW-10	Compliance	E009	04/22/2025	Arsenic, total	0.00980	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-10	Compliance	E009	04/22/2025	Barium, total	1.00	mg/L
AW-10	Compliance	E009	04/22/2025	Beryllium, total	0.00084 J	mg/L
AW-10	Compliance	E009	04/22/2025	Boron, total	0.490	mg/L
AW-10	Compliance	E009	04/22/2025	Cadmium, total	0.00074 U	mg/L
AW-10	Compliance	E009	04/22/2025	Calcium, total	140	mg/L
AW-10	Compliance	E009	04/22/2025	Chloride, total	97.0	mg/L
AW-10	Compliance	E009	04/22/2025	Chromium, total	0.0180	mg/L
AW-10	Compliance	E009	04/22/2025	Cobalt, total	0.0170	mg/L
AW-10	Compliance	E009	04/22/2025	Dissolved Oxygen	6.00	mg/L
AW-10	Compliance	E009	04/22/2025	Fluoride, total	0.2 U	mg/L
AW-10	Compliance	E009	04/22/2025	Lead, total	0.0180	mg/L
AW-10	Compliance	E009	04/22/2025	Lithium, total	0.0560	mg/L
AW-10	Compliance	E009	04/22/2025	Mercury, total	0.00019 J	mg/L
AW-10	Compliance	E009	04/22/2025	Molybdenum, total	0.00480 J	mg/L
AW-10	Compliance	E009	04/22/2025	Oxidation Reduction Potential	-89.0	mV
AW-10	Compliance	E009	04/22/2025	pH (field)	7.0	SU
AW-10	Compliance	E009	04/22/2025	Radium 226 + Radium 228, total	3.66	pCi/L
AW-10	Compliance	E009	04/22/2025	Selenium, total	0.00082 J	mg/L
AW-10	Compliance	E009	04/22/2025	Specific Conductance @ 25C (field)	1,960	micromhos/cm
AW-10	Compliance	E009	04/22/2025	Sulfate, total	0.13 J	mg/L
AW-10	Compliance	E009	04/22/2025	Temperature	14.6	degrees C
AW-10	Compliance	E009	04/22/2025	Thallium, total	0.00038 U	mg/L
AW-10	Compliance	E009	04/22/2025	Total Dissolved Solids	1,100 J	mg/L
AW-10	Compliance	E009	04/22/2025	Turbidity, field	1,000	NTU
AW-11	Compliance	E009	04/22/2025	Antimony, total	0.00043 U	mg/L
AW-11	Compliance	E009	04/22/2025	Arsenic, total	0.00870	mg/L
AW-11	Compliance	E009	04/22/2025	Barium, total	0.980	mg/L
AW-11	Compliance	E009	04/22/2025	Beryllium, total	0.00059 U	mg/L
AW-11	Compliance	E009	04/22/2025	Boron, total	0.250	mg/L
AW-11	Compliance	E009	04/22/2025	Cadmium, total	0.00074 U	mg/L
AW-11	Compliance	E009	04/22/2025	Calcium, total	150	mg/L
AW-11	Compliance	E009	04/22/2025	Chloride, total	41.0	mg/L
AW-11	Compliance	E009	04/22/2025	Chromium, total	0.0028 U	mg/L
AW-11	Compliance	E009	04/22/2025	Cobalt, total	0.0013 J	mg/L
AW-11	Compliance	E009	04/22/2025	Dissolved Oxygen	0.380	mg/L
AW-11	Compliance	E009	04/22/2025	Fluoride, total	0.2 U	mg/L
AW-11	Compliance	E009	04/22/2025	Lead, total	0.00044 J	mg/L
AW-11	Compliance	E009	04/22/2025	Lithium, total	0.0200 J	mg/L
AW-11	Compliance	E009	04/22/2025	Mercury, total	0.00014 U	mg/L
AW-11	Compliance	E009	04/22/2025	Molybdenum, total	0.00095 J	mg/L
AW-11	Compliance	E009	04/22/2025	Oxidation Reduction Potential	-125	mV
AW-11	Compliance	E009	04/22/2025	pH (field)	6.9	SU
AW-11	Compliance	E009	04/22/2025	Radium 226 + Radium 228, total	1.98	pCi/L
AW-11	Compliance	E009	04/22/2025	Selenium, total	0.00074 U	mg/L
AW-11	Compliance	E009	04/22/2025	Specific Conductance @ 25C (field)	1,700	micromhos/cm
AW-11	Compliance	E009	04/22/2025	Sulfate, total	0.13 U	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-11	Compliance	E009	04/22/2025	Temperature	13.7	degrees C
AW-11	Compliance	E009	04/22/2025	Thallium, total	0.00038 U	mg/L
AW-11	Compliance	E009	04/22/2025	Total Dissolved Solids	990 J	mg/L
AW-11	Compliance	E009	04/22/2025	Turbidity, field	131	NTU
AW-14	Compliance	E009	04/21/2025	Antimony, total	0.00043 U	mg/L
AW-14	Compliance	E009	04/21/2025	Arsenic, total	0.00180	mg/L
AW-14	Compliance	E009	04/21/2025	Barium, total	0.740	mg/L
AW-14	Compliance	E009	04/21/2025	Beryllium, total	0.00059 U	mg/L
AW-14	Compliance	E009	04/21/2025	Boron, total	0.200	mg/L
AW-14	Compliance	E009	04/21/2025	Cadmium, total	0.00074 U	mg/L
AW-14	Compliance	E009	04/21/2025	Calcium, total	170	mg/L
AW-14	Compliance	E009	04/21/2025	Chloride, total	27.0	mg/L
AW-14	Compliance	E009	04/21/2025	Chromium, total	0.0028 U	mg/L
AW-14	Compliance	E009	04/21/2025	Cobalt, total	0.0016 J	mg/L
AW-14	Compliance	E009	04/21/2025	Dissolved Oxygen	0.440	mg/L
AW-14	Compliance	E009	04/21/2025	Fluoride, total	0.2 U	mg/L
AW-14	Compliance	E009	04/21/2025	Lead, total	0.00036 J	mg/L
AW-14	Compliance	E009	04/21/2025	Lithium, total	0.017 J	mg/L
AW-14	Compliance	E009	04/21/2025	Mercury, total	0.00014 U	mg/L
AW-14	Compliance	E009	04/21/2025	Molybdenum, total	0.00074 U	mg/L
AW-14	Compliance	E009	04/21/2025	Oxidation Reduction Potential	-91.0	mV
AW-14	Compliance	E009	04/21/2025	pH (field)	7.0	SU
AW-14	Compliance	E009	04/21/2025	Radium 226 + Radium 228, total	2.03	pCi/L
AW-14	Compliance	E009	04/21/2025	Selenium, total	0.00074 U	mg/L
AW-14	Compliance	E009	04/21/2025	Specific Conductance @ 25C (field)	1,640	micromhos/cm
AW-14	Compliance	E009	04/21/2025	Sulfate, total	2.10	mg/L
AW-14	Compliance	E009	04/21/2025	Temperature	11.8	degrees C
AW-14	Compliance	E009	04/21/2025	Thallium, total	0.00038 U	mg/L
AW-14	Compliance	E009	04/21/2025	Total Dissolved Solids	1,000	mg/L
AW-14	Compliance	E009	04/21/2025	Turbidity, field	354	NTU
AW-15	Compliance	E009	04/21/2025	Antimony, total	0.00043 U	mg/L
AW-15	Compliance	E009	04/21/2025	Arsenic, total	0.00170	mg/L
AW-15	Compliance	E009	04/21/2025	Barium, total	1.70	mg/L
AW-15	Compliance	E009	04/21/2025	Beryllium, total	0.00059 U	mg/L
AW-15	Compliance	E009	04/21/2025	Boron, total	0.390	mg/L
AW-15	Compliance	E009	04/21/2025	Cadmium, total	0.00074 U	mg/L
AW-15	Compliance	E009	04/21/2025	Calcium, total	140	mg/L
AW-15	Compliance	E009	04/21/2025	Chloride, total	39.0	mg/L
AW-15	Compliance	E009	04/21/2025	Chromium, total	0.0028 U	mg/L
AW-15	Compliance	E009	04/21/2025	Cobalt, total	0.0015 J	mg/L
AW-15	Compliance	E009	04/21/2025	Dissolved Oxygen	0.590	mg/L
AW-15	Compliance	E009	04/21/2025	Fluoride, total	0.2 U	mg/L
AW-15	Compliance	E009	04/21/2025	Lead, total	0.00022 U	mg/L
AW-15	Compliance	E009	04/21/2025	Lithium, total	0.0290	mg/L
AW-15	Compliance	E009	04/21/2025	Mercury, total	0.00014 U	mg/L
AW-15	Compliance	E009	04/21/2025	Molybdenum, total	0.00074 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
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ASH POND
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-15	Compliance	E009	04/21/2025	Oxidation Reduction Potential	-98.0	mV
AW-15	Compliance	E009	04/21/2025	pH (field)	6.8	SU
AW-15	Compliance	E009	04/21/2025	Radium 226 + Radium 228, total	4.34	pCi/L
AW-15	Compliance	E009	04/21/2025	Selenium, total	0.00074 U	mg/L
AW-15	Compliance	E009	04/21/2025	Specific Conductance @ 25C (field)	1,810	micromhos/cm
AW-15	Compliance	E009	04/21/2025	Sulfate, total	0.13 U	mg/L
AW-15	Compliance	E009	04/21/2025	Temperature	12.2	degrees C
AW-15	Compliance	E009	04/21/2025	Thallium, total	0.00038 U	mg/L
AW-15	Compliance	E009	04/21/2025	Total Dissolved Solids	1,100	mg/L
AW-15	Compliance	E009	04/21/2025	Turbidity, field	154	NTU
AW-15S	Compliance	E009	04/21/2025	Antimony, total	0.00043 U	mg/L
AW-15S	Compliance	E009	04/21/2025	Arsenic, total	0.00069 U	mg/L
AW-15S	Compliance	E009	04/21/2025	Barium, total	0.0680	mg/L
AW-15S	Compliance	E009	04/21/2025	Beryllium, total	0.00059 U	mg/L
AW-15S	Compliance	E009	04/21/2025	Boron, total	5.90	mg/L
AW-15S	Compliance	E009	04/21/2025	Cadmium, total	0.00074 U	mg/L
AW-15S	Compliance	E009	04/21/2025	Calcium, total	260	mg/L
AW-15S	Compliance	E009	04/21/2025	Chloride, total	34.0	mg/L
AW-15S	Compliance	E009	04/21/2025	Chromium, total	0.0028 U	mg/L
AW-15S	Compliance	E009	04/21/2025	Cobalt, total	0.00048 U	mg/L
AW-15S	Compliance	E009	04/21/2025	Dissolved Oxygen	0.420	mg/L
AW-15S	Compliance	E009	04/21/2025	Fluoride, total	0.233 J	mg/L
AW-15S	Compliance	E009	04/21/2025	Lead, total	0.00022 U	mg/L
AW-15S	Compliance	E009	04/21/2025	Lithium, total	0.014 J	mg/L
AW-15S	Compliance	E009	04/21/2025	Mercury, total	0.00014 U	mg/L
AW-15S	Compliance	E009	04/21/2025	Molybdenum, total	0.00230	mg/L
AW-15S	Compliance	E009	04/21/2025	Oxidation Reduction Potential	12.0	mV
AW-15S	Compliance	E009	04/21/2025	pH (field)	6.9	SU
AW-15S	Compliance	E009	04/21/2025	Radium 226 + Radium 228, total	0.951	pCi/L
AW-15S	Compliance	E009	04/21/2025	Selenium, total	0.00300	mg/L
AW-15S	Compliance	E009	04/21/2025	Specific Conductance @ 25C (field)	1,620	micromhos/cm
AW-15S	Compliance	E009	04/21/2025	Sulfate, total	530	mg/L
AW-15S	Compliance	E009	04/21/2025	Temperature	11.9	degrees C
AW-15S	Compliance	E009	04/21/2025	Thallium, total	0.00038 U	mg/L
AW-15S	Compliance	E009	04/21/2025	Total Dissolved Solids	1,300	mg/L
AW-15S	Compliance	E009	04/21/2025	Turbidity, field	18.7	NTU
AW-16	Compliance	E009	04/18/2025	Antimony, total	0.00043 U	mg/L
AW-16	Compliance	E009	04/18/2025	Arsenic, total	0.00110	mg/L
AW-16	Compliance	E009	04/18/2025	Barium, total	1.10	mg/L
AW-16	Compliance	E009	04/18/2025	Beryllium, total	0.00059 U	mg/L
AW-16	Compliance	E009	04/18/2025	Boron, total	0.420	mg/L
AW-16	Compliance	E009	04/18/2025	Cadmium, total	0.00074 U	mg/L
AW-16	Compliance	E009	04/18/2025	Calcium, total	140	mg/L
AW-16	Compliance	E009	04/18/2025	Chloride, total	49.0	mg/L
AW-16	Compliance	E009	04/18/2025	Chromium, total	0.0028 U	mg/L
AW-16	Compliance	E009	04/18/2025	Cobalt, total	0.0014 J	mg/L

TABLE 1.
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-16	Compliance	E009	04/18/2025	Dissolved Oxygen	0.540	mg/L
AW-16	Compliance	E009	04/18/2025	Fluoride, total	0.2 U	mg/L
AW-16	Compliance	E009	04/18/2025	Lead, total	0.00022 U	mg/L
AW-16	Compliance	E009	04/18/2025	Lithium, total	0.0330	mg/L
AW-16	Compliance	E009	04/18/2025	Mercury, total	0.00014 U	mg/L
AW-16	Compliance	E009	04/18/2025	Molybdenum, total	0.00074 U	mg/L
AW-16	Compliance	E009	04/18/2025	Oxidation Reduction Potential	-101	mV
AW-16	Compliance	E009	04/18/2025	pH (field)	6.8	SU
AW-16	Compliance	E009	04/18/2025	Radium 226 + Radium 228, total	1.97	pCi/L
AW-16	Compliance	E009	04/18/2025	Selenium, total	0.00074 U	mg/L
AW-16	Compliance	E009	04/18/2025	Specific Conductance @ 25C (field)	2,070	micromhos/cm
AW-16	Compliance	E009	04/18/2025	Sulfate, total	0.13 U	mg/L
AW-16	Compliance	E009	04/18/2025	Temperature	16.8	degrees C
AW-16	Compliance	E009	04/18/2025	Thallium, total	0.00038 U	mg/L
AW-16	Compliance	E009	04/18/2025	Total Dissolved Solids	1,200	mg/L
AW-16	Compliance	E009	04/18/2025	Turbidity, field	63.4	NTU
AW-17	Compliance	E009	04/18/2025	Antimony, total	0.00043 U	mg/L
AW-17	Compliance	E009	04/18/2025	Arsenic, total	0.00360	mg/L
AW-17	Compliance	E009	04/18/2025	Barium, total	1.00	mg/L
AW-17	Compliance	E009	04/18/2025	Beryllium, total	0.00059 U	mg/L
AW-17	Compliance	E009	04/18/2025	Boron, total	0.420	mg/L
AW-17	Compliance	E009	04/18/2025	Cadmium, total	0.00074 U	mg/L
AW-17	Compliance	E009	04/18/2025	Calcium, total	110	mg/L
AW-17	Compliance	E009	04/18/2025	Chloride, total	54.0	mg/L
AW-17	Compliance	E009	04/18/2025	Chromium, total	0.0028 U	mg/L
AW-17	Compliance	E009	04/18/2025	Cobalt, total	0.00200	mg/L
AW-17	Compliance	E009	04/18/2025	Dissolved Oxygen	0.640	mg/L
AW-17	Compliance	E009	04/18/2025	Fluoride, total	0.2 U	mg/L
AW-17	Compliance	E009	04/18/2025	Lead, total	0.00061 J	mg/L
AW-17	Compliance	E009	04/18/2025	Lithium, total	0.0310	mg/L
AW-17	Compliance	E009	04/18/2025	Mercury, total	0.00014 U	mg/L
AW-17	Compliance	E009	04/18/2025	Molybdenum, total	0.00074 U	mg/L
AW-17	Compliance	E009	04/18/2025	Oxidation Reduction Potential	-110	mV
AW-17	Compliance	E009	04/18/2025	pH (field)	6.9	SU
AW-17	Compliance	E009	04/18/2025	Radium 226 + Radium 228, total	1.71	pCi/L
AW-17	Compliance	E009	04/18/2025	Selenium, total	0.00074 U	mg/L
AW-17	Compliance	E009	04/18/2025	Specific Conductance @ 25C (field)	1,670	micromhos/cm
AW-17	Compliance	E009	04/18/2025	Sulfate, total	0.13 U	mg/L
AW-17	Compliance	E009	04/18/2025	Temperature	19.6	degrees C
AW-17	Compliance	E009	04/18/2025	Thallium, total	0.00038 U	mg/L
AW-17	Compliance	E009	04/18/2025	Total Dissolved Solids	960	mg/L
AW-17	Compliance	E009	04/18/2025	Turbidity, field	109	NTU
AW-18	Compliance	E009	04/18/2025	Antimony, total	0.00043 U	mg/L
AW-18	Compliance	E009	04/18/2025	Arsenic, total	0.00270	mg/L
AW-18	Compliance	E009	04/18/2025	Barium, total	1.30	mg/L
AW-18	Compliance	E009	04/18/2025	Beryllium, total	0.00059 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 2, 2025
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-18	Compliance	E009	04/18/2025	Boron, total	1.10	mg/L
AW-18	Compliance	E009	04/18/2025	Cadmium, total	0.00074 U	mg/L
AW-18	Compliance	E009	04/18/2025	Calcium, total	120	mg/L
AW-18	Compliance	E009	04/18/2025	Chloride, total	98.0	mg/L
AW-18	Compliance	E009	04/18/2025	Chromium, total	0.0028 U	mg/L
AW-18	Compliance	E009	04/18/2025	Cobalt, total	0.00066 J	mg/L
AW-18	Compliance	E009	04/18/2025	Dissolved Oxygen	0.740	mg/L
AW-18	Compliance	E009	04/18/2025	Fluoride, total	0.2 U	mg/L
AW-18	Compliance	E009	04/18/2025	Lead, total	0.00037 J	mg/L
AW-18	Compliance	E009	04/18/2025	Lithium, total	0.0230	mg/L
AW-18	Compliance	E009	04/18/2025	Mercury, total	0.00014 U	mg/L
AW-18	Compliance	E009	04/18/2025	Molybdenum, total	0.00190	mg/L
AW-18	Compliance	E009	04/18/2025	Oxidation Reduction Potential	-112	mV
AW-18	Compliance	E009	04/18/2025	pH (field)	6.9	SU
AW-18	Compliance	E009	04/18/2025	Radium 226 + Radium 228, total	2.62	pCi/L
AW-18	Compliance	E009	04/18/2025	Selenium, total	0.00074 U	mg/L
AW-18	Compliance	E009	04/18/2025	Specific Conductance @ 25C (field)	1,820	micromhos/cm
AW-18	Compliance	E009	04/18/2025	Sulfate, total	2.50	mg/L
AW-18	Compliance	E009	04/18/2025	Temperature	17.1	degrees C
AW-18	Compliance	E009	04/18/2025	Thallium, total	0.00038 U	mg/L
AW-18	Compliance	E009	04/18/2025	Total Dissolved Solids	860	mg/L
AW-18	Compliance	E009	04/18/2025	Turbidity, field	69.6	NTU
AW-19	Compliance	E009	04/21/2025	Antimony, total	0.00043 U	mg/L
AW-19	Compliance	E009	04/21/2025	Arsenic, total	0.0130	mg/L
AW-19	Compliance	E009	04/21/2025	Barium, total	0.200	mg/L
AW-19	Compliance	E009	04/21/2025	Beryllium, total	0.00059 U	mg/L
AW-19	Compliance	E009	04/21/2025	Boron, total	3.10	mg/L
AW-19	Compliance	E009	04/21/2025	Cadmium, total	0.00074 U	mg/L
AW-19	Compliance	E009	04/21/2025	Calcium, total	130	mg/L
AW-19	Compliance	E009	04/21/2025	Chloride, total	82.0	mg/L
AW-19	Compliance	E009	04/21/2025	Chromium, total	0.0028 U	mg/L
AW-19	Compliance	E009	04/21/2025	Cobalt, total	0.001 J	mg/L
AW-19	Compliance	E009	04/21/2025	Dissolved Oxygen	1.60	mg/L
AW-19	Compliance	E009	04/21/2025	Fluoride, total	0.278	mg/L
AW-19	Compliance	E009	04/21/2025	Lead, total	0.00046 J	mg/L
AW-19	Compliance	E009	04/21/2025	Lithium, total	0.01 J	mg/L
AW-19	Compliance	E009	04/21/2025	Mercury, total	0.00014 U	mg/L
AW-19	Compliance	E009	04/21/2025	Molybdenum, total	0.00370	mg/L
AW-19	Compliance	E009	04/21/2025	Oxidation Reduction Potential	-35.0	mV
AW-19	Compliance	E009	04/21/2025	pH (field)	7.0	SU
AW-19	Compliance	E009	04/21/2025	Radium 226 + Radium 228, total	1.06	pCi/L
AW-19	Compliance	E009	04/21/2025	Selenium, total	0.00074 U	mg/L
AW-19	Compliance	E009	04/21/2025	Specific Conductance @ 25C (field)	1,030	micromhos/cm
AW-19	Compliance	E009	04/21/2025	Sulfate, total	57.0	mg/L
AW-19	Compliance	E009	04/21/2025	Temperature	14.0	degrees C
AW-19	Compliance	E009	04/21/2025	Thallium, total	0.00038 U	mg/L

TABLE 1.
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-19	Compliance	E009	04/21/2025	Total Dissolved Solids	670	mg/L
AW-19	Compliance	E009	04/21/2025	Turbidity, field	79.3	NTU
AW-21	Compliance	E009	04/21/2025	Antimony, total	0.00066 J	mg/L
AW-21	Compliance	E009	04/21/2025	Arsenic, total	0.00087 J	mg/L
AW-21	Compliance	E009	04/21/2025	Barium, total	0.0540	mg/L
AW-21	Compliance	E009	04/21/2025	Beryllium, total	0.00059 U	mg/L
AW-21	Compliance	E009	04/21/2025	Boron, total	11.0	mg/L
AW-21	Compliance	E009	04/21/2025	Cadmium, total	0.00074 U	mg/L
AW-21	Compliance	E009	04/21/2025	Calcium, total	120	mg/L
AW-21	Compliance	E009	04/21/2025	Chloride, total	110	mg/L
AW-21	Compliance	E009	04/21/2025	Chromium, total	0.0028 U	mg/L
AW-21	Compliance	E009	04/21/2025	Cobalt, total	0.00048 U	mg/L
AW-21	Compliance	E009	04/21/2025	Dissolved Oxygen	1.40	mg/L
AW-21	Compliance	E009	04/21/2025	Fluoride, total	0.337	mg/L
AW-21	Compliance	E009	04/21/2025	Lead, total	0.00022 U	mg/L
AW-21	Compliance	E009	04/21/2025	Lithium, total	0.005 U	mg/L
AW-21	Compliance	E009	04/21/2025	Mercury, total	0.00014 U	mg/L
AW-21	Compliance	E009	04/21/2025	Molybdenum, total	0.0180	mg/L
AW-21	Compliance	E009	04/21/2025	Oxidation Reduction Potential	16.0	mV
AW-21	Compliance	E009	04/21/2025	pH (field)	7.2	SU
AW-21	Compliance	E009	04/21/2025	Radium 226 + Radium 228, total	0.419	pCi/L
AW-21	Compliance	E009	04/21/2025	Selenium, total	0.00130	mg/L
AW-21	Compliance	E009	04/21/2025	Specific Conductance @ 25C (field)	944	micromhos/cm
AW-21	Compliance	E009	04/21/2025	Sulfate, total	280	mg/L
AW-21	Compliance	E009	04/21/2025	Temperature	14.5	degrees C
AW-21	Compliance	E009	04/21/2025	Thallium, total	0.00038 U	mg/L
AW-21	Compliance	E009	04/21/2025	Total Dissolved Solids	760	mg/L
AW-21	Compliance	E009	04/21/2025	Turbidity, field	37.5	NTU

Notes:
C = Celsius
cm = centimeter
Events:
E009 = Quarter 2, 2025 sampling event
mg/L = milligrams per liter
mV = millivolts
NTU = Nephelometric Turbidity Units
pCi/L = picocuries per liter
Result Code (if applicable):
NR¹ = Parameter not analyzed.
NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS³ = The location was not accessible; therefore, a sample was not collected.
NS⁴ = The location could not be found; therefore, a sample was not collected.
NS⁵ = The location was damaged; therefore, a sample was not collected.
NS⁶ = Sampling pump could not yield a sample.
NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS⁸ = A sample was not collected.
PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.
Result qualifiers as defined in the United States Environmental Protection Agency's *National Functional Guidelines for Inorganic Superfund Methods Data Review*, EPA 542-R-20-006. November 2020.:
J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
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
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AP05S	Background	E010	07/22/2025	Antimony, total	0.00043 U	mg/L
AP05S	Background	E010	07/22/2025	Arsenic, total	0.00069 U	mg/L
AP05S	Background	E010	07/22/2025	Barium, total	1.00	mg/L
AP05S	Background	E010	07/22/2025	Beryllium, total	0.00059 U	mg/L
AP05S	Background	E010	07/22/2025	Boron, total	0.340	mg/L
AP05S	Background	E010	07/22/2025	Cadmium, total	0.00074 U	mg/L
AP05S	Background	E010	07/22/2025	Calcium, total	100	mg/L
AP05S	Background	E010	07/22/2025	Chloride, total	46.0	mg/L
AP05S	Background	E010	07/22/2025	Chromium, total	0.0028 U	mg/L
AP05S	Background	E010	07/22/2025	Cobalt, total	0.0013 J	mg/L
AP05S	Background	E010	07/22/2025	Dissolved Oxygen	0.920	mg/L
AP05S	Background	E010	07/22/2025	Fluoride, total	0.2 U	mg/L
AP05S	Background	E010	07/22/2025	Lead, total	0.00031 J	mg/L
AP05S	Background	E010	07/22/2025	Lithium, total	0.0320	mg/L
AP05S	Background	E010	07/22/2025	Mercury, total	0.00014 U	mg/L
AP05S	Background	E010	07/22/2025	Molybdenum, total	0.00480	mg/L
AP05S	Background	E010	07/22/2025	Oxidation Reduction Potential	-101	mV
AP05S	Background	E010	07/22/2025	pH (field)	6.9	SU
AP05S	Background	E010	07/22/2025	Radium 226 + Radium 228, total	2.08	pCi/L
AP05S	Background	E010	07/22/2025	Selenium, total	0.00074 U	mg/L
AP05S	Background	E010	07/22/2025	Specific Conductance @ 25C (field)	1,630	micromhos/cm
AP05S	Background	E010	07/22/2025	Sulfate, total	1 UJ	mg/L
AP05S	Background	E010	07/22/2025	Temperature	18.5	degrees C
AP05S	Background	E010	07/22/2025	Thallium, total	0.00038 U	mg/L
AP05S	Background	E010	07/22/2025	Total Dissolved Solids	860	mg/L
AP05S	Background	E010	07/22/2025	Turbidity, field	70.3	NTU
AW-08	Background	E010	07/25/2025	Antimony, total	0.00077 J	mg/L
AW-08	Background	E010	07/25/2025	Arsenic, total	0.0130	mg/L
AW-08	Background	E010	07/25/2025	Barium, total	0.390	mg/L
AW-08	Background	E010	07/25/2025	Beryllium, total	0.00059 U	mg/L
AW-08	Background	E010	07/25/2025	Boron, total	0.150 J+	mg/L
AW-08	Background	E010	07/25/2025	Cadmium, total	0.00074 U	mg/L
AW-08	Background	E010	07/25/2025	Calcium, total	140	mg/L
AW-08	Background	E010	07/25/2025	Chloride, total	16.0	mg/L
AW-08	Background	E010	07/25/2025	Chromium, total	0.00480	mg/L
AW-08	Background	E010	07/25/2025	Cobalt, total	0.0015 J	mg/L
AW-08	Background	E010	07/25/2025	Dissolved Oxygen	1.10	mg/L
AW-08	Background	E010	07/25/2025	Fluoride, total	0.262	mg/L
AW-08	Background	E010	07/25/2025	Lead, total	0.00140 J+	mg/L
AW-08	Background	E010	07/25/2025	Lithium, total	0.013 J	mg/L
AW-08	Background	E010	07/25/2025	Mercury, total	0.00014 U	mg/L
AW-08	Background	E010	07/25/2025	Molybdenum, total	0.00140	mg/L
AW-08	Background	E010	07/25/2025	Oxidation Reduction Potential	-110	mV
AW-08	Background	E010	07/25/2025	pH (field)	6.8	SU
AW-08	Background	E010	07/25/2025	Radium 226 + Radium 228, total	3.81	pCi/L
AW-08	Background	E010	07/25/2025	Selenium, total	0.00074 U	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-08	Background	E010	07/25/2025	Specific Conductance @ 25C (field)	1,360	micromhos/cm
AW-08	Background	E010	07/25/2025	Sulfate, total	1 UJ	mg/L
AW-08	Background	E010	07/25/2025	Temperature	20.6	degrees C
AW-08	Background	E010	07/25/2025	Thallium, total	0.00038 U	mg/L
AW-08	Background	E010	07/25/2025	Total Dissolved Solids	610	mg/L
AW-08	Background	E010	07/25/2025	Turbidity, field	244	NTU
AP07S	Compliance	E010	07/22/2025	Antimony, total	0.00043 U	mg/L
AP07S	Compliance	E010	07/22/2025	Arsenic, total	0.00069 U	mg/L
AP07S	Compliance	E010	07/22/2025	Barium, total	0.0710	mg/L
AP07S	Compliance	E010	07/22/2025	Beryllium, total	0.00059 U	mg/L
AP07S	Compliance	E010	07/22/2025	Boron, total	19.0	mg/L
AP07S	Compliance	E010	07/22/2025	Cadmium, total	0.00074 U	mg/L
AP07S	Compliance	E010	07/22/2025	Calcium, total	200	mg/L
AP07S	Compliance	E010	07/22/2025	Chloride, total	66.0	mg/L
AP07S	Compliance	E010	07/22/2025	Chromium, total	0.0028 U	mg/L
AP07S	Compliance	E010	07/22/2025	Cobalt, total	0.0017 J	mg/L
AP07S	Compliance	E010	07/22/2025	Dissolved Oxygen	0.570	mg/L
AP07S	Compliance	E010	07/22/2025	Fluoride, total	0.218 J	mg/L
AP07S	Compliance	E010	07/22/2025	Lead, total	0.00029 J	mg/L
AP07S	Compliance	E010	07/22/2025	Lithium, total	0.0056 J	mg/L
AP07S	Compliance	E010	07/22/2025	Mercury, total	0.00014 U	mg/L
AP07S	Compliance	E010	07/22/2025	Molybdenum, total	0.00089 J	mg/L
AP07S	Compliance	E010	07/22/2025	Oxidation Reduction Potential	31.0	mV
AP07S	Compliance	E010	07/22/2025	pH (field)	7.1	SU
AP07S	Compliance	E010	07/22/2025	Radium 226 + Radium 228, total	0	pCi/L
AP07S	Compliance	E010	07/22/2025	Selenium, total	0.00074 U	mg/L
AP07S	Compliance	E010	07/22/2025	Specific Conductance @ 25C (field)	1,480	micromhos/cm
AP07S	Compliance	E010	07/22/2025	Sulfate, total	500	mg/L
AP07S	Compliance	E010	07/22/2025	Temperature	17.8	degrees C
AP07S	Compliance	E010	07/22/2025	Thallium, total	0.00038 U	mg/L
AP07S	Compliance	E010	07/22/2025	Total Dissolved Solids	1,200	mg/L
AP07S	Compliance	E010	07/22/2025	Turbidity, field	0	NTU
AW-01	Compliance	E010	07/22/2025	Antimony, total	0.00043 U	mg/L
AW-01	Compliance	E010	07/22/2025	Arsenic, total	0.00770	mg/L
AW-01	Compliance	E010	07/22/2025	Barium, total	0.110	mg/L
AW-01	Compliance	E010	07/22/2025	Beryllium, total	0.00059 U	mg/L
AW-01	Compliance	E010	07/22/2025	Boron, total	0.0700 J+	mg/L
AW-01	Compliance	E010	07/22/2025	Cadmium, total	0.00074 U	mg/L
AW-01	Compliance	E010	07/22/2025	Calcium, total	180	mg/L
AW-01	Compliance	E010	07/22/2025	Chloride, total	7.50	mg/L
AW-01	Compliance	E010	07/22/2025	Chromium, total	0.0028 U	mg/L
AW-01	Compliance	E010	07/22/2025	Cobalt, total	0.00340	mg/L
AW-01	Compliance	E010	07/22/2025	Dissolved Oxygen	0.570	mg/L
AW-01	Compliance	E010	07/22/2025	Fluoride, total	0.232 J	mg/L
AW-01	Compliance	E010	07/22/2025	Lead, total	0.00022 U	mg/L
AW-01	Compliance	E010	07/22/2025	Lithium, total	0.005 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-01	Compliance	E010	07/22/2025	Mercury, total	0.00014 U	mg/L
AW-01	Compliance	E010	07/22/2025	Molybdenum, total	0.00340	mg/L
AW-01	Compliance	E010	07/22/2025	Oxidation Reduction Potential	-68.0	mV
AW-01	Compliance	E010	07/22/2025	pH (field)	6.8	SU
AW-01	Compliance	E010	07/22/2025	Radium 226 + Radium 228, total	0	pCi/L
AW-01	Compliance	E010	07/22/2025	Selenium, total	0.00074 U	mg/L
AW-01	Compliance	E010	07/22/2025	Specific Conductance @ 25C (field)	1,350	micromhos/cm
AW-01	Compliance	E010	07/22/2025	Sulfate, total	44.0	mg/L
AW-01	Compliance	E010	07/22/2025	Temperature	20.2	degrees C
AW-01	Compliance	E010	07/22/2025	Thallium, total	0.00038 U	mg/L
AW-01	Compliance	E010	07/22/2025	Total Dissolved Solids	580	mg/L
AW-01	Compliance	E010	07/22/2025	Turbidity, field	107	NTU
AW-05	Compliance	E010	07/21/2025	Antimony, total	0.00043 U	mg/L
AW-05	Compliance	E010	07/21/2025	Arsenic, total	0.00200	mg/L
AW-05	Compliance	E010	07/21/2025	Barium, total	0.0730	mg/L
AW-05	Compliance	E010	07/21/2025	Beryllium, total	0.00059 U	mg/L
AW-05	Compliance	E010	07/21/2025	Boron, total	12.0	mg/L
AW-05	Compliance	E010	07/21/2025	Cadmium, total	0.00074 U	mg/L
AW-05	Compliance	E010	07/21/2025	Calcium, total	180	mg/L
AW-05	Compliance	E010	07/21/2025	Chloride, total	67.0	mg/L
AW-05	Compliance	E010	07/21/2025	Chromium, total	0.0028 U	mg/L
AW-05	Compliance	E010	07/21/2025	Cobalt, total	0.001 J	mg/L
AW-05	Compliance	E010	07/21/2025	Dissolved Oxygen	1.10	mg/L
AW-05	Compliance	E010	07/21/2025	Fluoride, total	0.21 J	mg/L
AW-05	Compliance	E010	07/21/2025	Lead, total	0.00022 U	mg/L
AW-05	Compliance	E010	07/21/2025	Lithium, total	0.011 J	mg/L
AW-05	Compliance	E010	07/21/2025	Mercury, total	0.00018 J	mg/L
AW-05	Compliance	E010	07/21/2025	Molybdenum, total	0.00200 J	mg/L
AW-05	Compliance	E010	07/21/2025	Oxidation Reduction Potential	12.0	mV
AW-05	Compliance	E010	07/21/2025	pH (field)	7.0	SU
AW-05	Compliance	E010	07/21/2025	Radium 226 + Radium 228, total	0	pCi/L
AW-05	Compliance	E010	07/21/2025	Selenium, total	0.00074 U	mg/L
AW-05	Compliance	E010	07/21/2025	Specific Conductance @ 25C (field)	166	micromhos/cm
AW-05	Compliance	E010	07/21/2025	Sulfate, total	480	mg/L
AW-05	Compliance	E010	07/21/2025	Temperature	19.6	degrees C
AW-05	Compliance	E010	07/21/2025	Thallium, total	0.00038 U	mg/L
AW-05	Compliance	E010	07/21/2025	Total Dissolved Solids	1,200	mg/L
AW-05	Compliance	E010	07/21/2025	Turbidity, field	82.2	NTU
AW-06	Compliance	E010	07/21/2025	Antimony, total	0.00061 J	mg/L
AW-06	Compliance	E010	07/21/2025	Arsenic, total	0.00200	mg/L
AW-06	Compliance	E010	07/21/2025	Barium, total	0.150	mg/L
AW-06	Compliance	E010	07/21/2025	Beryllium, total	0.00059 U	mg/L
AW-06	Compliance	E010	07/21/2025	Boron, total	0.0900 J+	mg/L
AW-06	Compliance	E010	07/21/2025	Cadmium, total	0.00074 U	mg/L
AW-06	Compliance	E010	07/21/2025	Calcium, total	110	mg/L
AW-06	Compliance	E010	07/21/2025	Chloride, total	36.0	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-06	Compliance	E010	07/21/2025	Chromium, total	0.0028 U	mg/L
AW-06	Compliance	E010	07/21/2025	Cobalt, total	0.00048 U	mg/L
AW-06	Compliance	E010	07/21/2025	Dissolved Oxygen	0.820	mg/L
AW-06	Compliance	E010	07/21/2025	Fluoride, total	0.366	mg/L
AW-06	Compliance	E010	07/21/2025	Lead, total	0.00023 J	mg/L
AW-06	Compliance	E010	07/21/2025	Lithium, total	0.012 J	mg/L
AW-06	Compliance	E010	07/21/2025	Mercury, total	0.00014 J	mg/L
AW-06	Compliance	E010	07/21/2025	Molybdenum, total	0.00540	mg/L
AW-06	Compliance	E010	07/21/2025	Oxidation Reduction Potential	-104	mV
AW-06	Compliance	E010	07/21/2025	pH (field)	7.1	SU
AW-06	Compliance	E010	07/21/2025	Radium 226 + Radium 228, total	0	pCi/L
AW-06	Compliance	E010	07/21/2025	Selenium, total	0.00074 U	mg/L
AW-06	Compliance	E010	07/21/2025	Specific Conductance @ 25C (field)	83.0	micromhos/cm
AW-06	Compliance	E010	07/21/2025	Sulfate, total	20.0	mg/L
AW-06	Compliance	E010	07/21/2025	Temperature	18.2	degrees C
AW-06	Compliance	E010	07/21/2025	Thallium, total	0.00038 U	mg/L
AW-06	Compliance	E010	07/21/2025	Total Dissolved Solids	540	mg/L
AW-06	Compliance	E010	07/21/2025	Turbidity, field	103	NTU
AW-09	Compliance	E010	07/22/2025	Antimony, total	0.00043 U	mg/L
AW-09	Compliance	E010	07/22/2025	Arsenic, total	0.0210	mg/L
AW-09	Compliance	E010	07/22/2025	Barium, total	0.400	mg/L
AW-09	Compliance	E010	07/22/2025	Beryllium, total	0.00059 U	mg/L
AW-09	Compliance	E010	07/22/2025	Boron, total	0.280	mg/L
AW-09	Compliance	E010	07/22/2025	Cadmium, total	0.00074 U	mg/L
AW-09	Compliance	E010	07/22/2025	Calcium, total	120	mg/L
AW-09	Compliance	E010	07/22/2025	Chloride, total	29.0	mg/L
AW-09	Compliance	E010	07/22/2025	Chromium, total	0.0028 U	mg/L
AW-09	Compliance	E010	07/22/2025	Cobalt, total	0.00200	mg/L
AW-09	Compliance	E010	07/22/2025	Dissolved Oxygen	0.950	mg/L
AW-09	Compliance	E010	07/22/2025	Fluoride, total	0.2 U	mg/L
AW-09	Compliance	E010	07/22/2025	Lead, total	0.00024 J	mg/L
AW-09	Compliance	E010	07/22/2025	Lithium, total	0.016 J	mg/L
AW-09	Compliance	E010	07/22/2025	Mercury, total	0.00017 J	mg/L
AW-09	Compliance	E010	07/22/2025	Molybdenum, total	0.0160	mg/L
AW-09	Compliance	E010	07/22/2025	Oxidation Reduction Potential	143	mV
AW-09	Compliance	E010	07/22/2025	pH (field)	7.0	SU
AW-09	Compliance	E010	07/22/2025	Radium 226 + Radium 228, total	0	pCi/L
AW-09	Compliance	E010	07/22/2025	Selenium, total	0.00074 U	mg/L
AW-09	Compliance	E010	07/22/2025	Specific Conductance @ 25C (field)	1,290	micromhos/cm
AW-09	Compliance	E010	07/22/2025	Sulfate, total	1 UJ	mg/L
AW-09	Compliance	E010	07/22/2025	Temperature	19.8	degrees C
AW-09	Compliance	E010	07/22/2025	Thallium, total	0.00038 U	mg/L
AW-09	Compliance	E010	07/22/2025	Total Dissolved Solids	720	mg/L
AW-09	Compliance	E010	07/22/2025	Turbidity, field	52.2	NTU
AW-10	Compliance	E010	07/22/2025	Antimony, total	0.00043 U	mg/L
AW-10	Compliance	E010	07/22/2025	Arsenic, total	0.0120	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-10	Compliance	E010	07/22/2025	Barium, total	0.990	mg/L
AW-10	Compliance	E010	07/22/2025	Beryllium, total	0.00059 U	mg/L
AW-10	Compliance	E010	07/22/2025	Boron, total	0.440	mg/L
AW-10	Compliance	E010	07/22/2025	Cadmium, total	0.00074 U	mg/L
AW-10	Compliance	E010	07/22/2025	Calcium, total	140	mg/L
AW-10	Compliance	E010	07/22/2025	Chloride, total	85.0	mg/L
AW-10	Compliance	E010	07/22/2025	Chromium, total	0.0180	mg/L
AW-10	Compliance	E010	07/22/2025	Cobalt, total	0.0130	mg/L
AW-10	Compliance	E010	07/22/2025	Dissolved Oxygen	0.720	mg/L
AW-10	Compliance	E010	07/22/2025	Fluoride, total	0.2 U	mg/L
AW-10	Compliance	E010	07/22/2025	Lead, total	0.00980	mg/L
AW-10	Compliance	E010	07/22/2025	Lithium, total	0.0500	mg/L
AW-10	Compliance	E010	07/22/2025	Mercury, total	0.00016 J	mg/L
AW-10	Compliance	E010	07/22/2025	Molybdenum, total	0.00130	mg/L
AW-10	Compliance	E010	07/22/2025	Oxidation Reduction Potential	-106	mV
AW-10	Compliance	E010	07/22/2025	pH (field)	6.9	SU
AW-10	Compliance	E010	07/22/2025	Radium 226 + Radium 228, total	4.66	pCi/L
AW-10	Compliance	E010	07/22/2025	Selenium, total	0.00074 U	mg/L
AW-10	Compliance	E010	07/22/2025	Specific Conductance @ 25C (field)	2,080	micromhos/cm
AW-10	Compliance	E010	07/22/2025	Sulfate, total	1 UJ	mg/L
AW-10	Compliance	E010	07/22/2025	Temperature	21.7	degrees C
AW-10	Compliance	E010	07/22/2025	Thallium, total	0.00038 U	mg/L
AW-10	Compliance	E010	07/22/2025	Total Dissolved Solids	1,200	mg/L
AW-10	Compliance	E010	07/22/2025	Turbidity, field	439	NTU
AW-11	Compliance	E010	07/25/2025	Antimony, total	0.00094 J	mg/L
AW-11	Compliance	E010	07/25/2025	Arsenic, total	0.00910	mg/L
AW-11	Compliance	E010	07/25/2025	Barium, total	1.10	mg/L
AW-11	Compliance	E010	07/25/2025	Beryllium, total	0.00059 U	mg/L
AW-11	Compliance	E010	07/25/2025	Boron, total	0.250	mg/L
AW-11	Compliance	E010	07/25/2025	Cadmium, total	0.00074 U	mg/L
AW-11	Compliance	E010	07/25/2025	Calcium, total	150	mg/L
AW-11	Compliance	E010	07/25/2025	Chloride, total	34.0	mg/L
AW-11	Compliance	E010	07/25/2025	Chromium, total	0.0028 U	mg/L
AW-11	Compliance	E010	07/25/2025	Cobalt, total	0.0012 J	mg/L
AW-11	Compliance	E010	07/25/2025	Dissolved Oxygen	0.500	mg/L
AW-11	Compliance	E010	07/25/2025	Fluoride, total	0.2 U	mg/L
AW-11	Compliance	E010	07/25/2025	Lead, total	0.001 UJ	mg/L
AW-11	Compliance	E010	07/25/2025	Lithium, total	0.019 J	mg/L
AW-11	Compliance	E010	07/25/2025	Mercury, total	0.00014 U	mg/L
AW-11	Compliance	E010	07/25/2025	Molybdenum, total	0.00098 J	mg/L
AW-11	Compliance	E010	07/25/2025	Oxidation Reduction Potential	-119	mV
AW-11	Compliance	E010	07/25/2025	pH (field)	7.0	SU
AW-11	Compliance	E010	07/25/2025	Radium 226 + Radium 228, total	1.91	pCi/L
AW-11	Compliance	E010	07/25/2025	Selenium, total	0.00074 U	mg/L
AW-11	Compliance	E010	07/25/2025	Specific Conductance @ 25C (field)	1,720	micromhos/cm
AW-11	Compliance	E010	07/25/2025	Sulfate, total	1 UJ	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-11	Compliance	E010	07/25/2025	Temperature	18.1	degrees C
AW-11	Compliance	E010	07/25/2025	Thallium, total	0.00038 U	mg/L
AW-11	Compliance	E010	07/25/2025	Total Dissolved Solids	890	mg/L
AW-11	Compliance	E010	07/25/2025	Turbidity, field	135	NTU
AW-14	Compliance	E010	07/21/2025	Antimony, total	0.00043 U	mg/L
AW-14	Compliance	E010	07/21/2025	Arsenic, total	0.00150	mg/L
AW-14	Compliance	E010	07/21/2025	Barium, total	0.590	mg/L
AW-14	Compliance	E010	07/21/2025	Beryllium, total	0.00059 U	mg/L
AW-14	Compliance	E010	07/21/2025	Boron, total	0.120 J+	mg/L
AW-14	Compliance	E010	07/21/2025	Cadmium, total	0.00074 U	mg/L
AW-14	Compliance	E010	07/21/2025	Calcium, total	170	mg/L
AW-14	Compliance	E010	07/21/2025	Chloride, total	23.0	mg/L
AW-14	Compliance	E010	07/21/2025	Chromium, total	0.0028 U	mg/L
AW-14	Compliance	E010	07/21/2025	Cobalt, total	0.0016 J	mg/L
AW-14	Compliance	E010	07/21/2025	Dissolved Oxygen	0.700	mg/L
AW-14	Compliance	E010	07/21/2025	Fluoride, total	0.2 U	mg/L
AW-14	Compliance	E010	07/21/2025	Lead, total	0.00023 J	mg/L
AW-14	Compliance	E010	07/21/2025	Lithium, total	0.016 J	mg/L
AW-14	Compliance	E010	07/21/2025	Mercury, total	0.00014 U	mg/L
AW-14	Compliance	E010	07/21/2025	Molybdenum, total	0.00110 J	mg/L
AW-14	Compliance	E010	07/21/2025	Oxidation Reduction Potential	-127	mV
AW-14	Compliance	E010	07/21/2025	pH (field)	6.9	SU
AW-14	Compliance	E010	07/21/2025	Radium 226 + Radium 228, total	4.16	pCi/L
AW-14	Compliance	E010	07/21/2025	Selenium, total	0.00074 U	mg/L
AW-14	Compliance	E010	07/21/2025	Specific Conductance @ 25C (field)	1,780	micromhos/cm
AW-14	Compliance	E010	07/21/2025	Sulfate, total	4.60	mg/L
AW-14	Compliance	E010	07/21/2025	Temperature	18.1	degrees C
AW-14	Compliance	E010	07/21/2025	Thallium, total	0.00038 U	mg/L
AW-14	Compliance	E010	07/21/2025	Total Dissolved Solids	980	mg/L
AW-14	Compliance	E010	07/21/2025	Turbidity, field	65.0	NTU
AW-15	Compliance	E010	07/22/2025	Antimony, total	0.00043 U	mg/L
AW-15	Compliance	E010	07/22/2025	Arsenic, total	0.00180	mg/L
AW-15	Compliance	E010	07/22/2025	Barium, total	1.70	mg/L
AW-15	Compliance	E010	07/22/2025	Beryllium, total	0.00059 U	mg/L
AW-15	Compliance	E010	07/22/2025	Boron, total	0.370	mg/L
AW-15	Compliance	E010	07/22/2025	Cadmium, total	0.00074 U	mg/L
AW-15	Compliance	E010	07/22/2025	Calcium, total	130	mg/L
AW-15	Compliance	E010	07/22/2025	Chloride, total	36.0	mg/L
AW-15	Compliance	E010	07/22/2025	Chromium, total	0.0028 U	mg/L
AW-15	Compliance	E010	07/22/2025	Cobalt, total	0.0015 J	mg/L
AW-15	Compliance	E010	07/22/2025	Dissolved Oxygen	0.500	mg/L
AW-15	Compliance	E010	07/22/2025	Fluoride, total	0.2 U	mg/L
AW-15	Compliance	E010	07/22/2025	Lead, total	0.00022 U	mg/L
AW-15	Compliance	E010	07/22/2025	Lithium, total	0.0310	mg/L
AW-15	Compliance	E010	07/22/2025	Mercury, total	0.00014 U	mg/L
AW-15	Compliance	E010	07/22/2025	Molybdenum, total	0.00074 U	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-15	Compliance	E010	07/22/2025	Oxidation Reduction Potential	-106	mV
AW-15	Compliance	E010	07/22/2025	pH (field)	6.8	SU
AW-15	Compliance	E010	07/22/2025	Radium 226 + Radium 228, total	6.85	pCi/L
AW-15	Compliance	E010	07/22/2025	Selenium, total	0.00074 U	mg/L
AW-15	Compliance	E010	07/22/2025	Specific Conductance @ 25C (field)	1,980	micromhos/cm
AW-15	Compliance	E010	07/22/2025	Sulfate, total	1 UJ	mg/L
AW-15	Compliance	E010	07/22/2025	Temperature	17.7	degrees C
AW-15	Compliance	E010	07/22/2025	Thallium, total	0.00038 U	mg/L
AW-15	Compliance	E010	07/22/2025	Total Dissolved Solids	1,000	mg/L
AW-15	Compliance	E010	07/22/2025	Turbidity, field	12.5	NTU
AW-15S	Compliance	E010	07/22/2025	Antimony, total	0.00043 U	mg/L
AW-15S	Compliance	E010	07/22/2025	Arsenic, total	0.00069 U	mg/L
AW-15S	Compliance	E010	07/22/2025	Barium, total	0.0730	mg/L
AW-15S	Compliance	E010	07/22/2025	Beryllium, total	0.00059 U	mg/L
AW-15S	Compliance	E010	07/22/2025	Boron, total	5.80	mg/L
AW-15S	Compliance	E010	07/22/2025	Cadmium, total	0.00074 U	mg/L
AW-15S	Compliance	E010	07/22/2025	Calcium, total	260	mg/L
AW-15S	Compliance	E010	07/22/2025	Chloride, total	28.0	mg/L
AW-15S	Compliance	E010	07/22/2025	Chromium, total	0.0028 U	mg/L
AW-15S	Compliance	E010	07/22/2025	Cobalt, total	0.00048 U	mg/L
AW-15S	Compliance	E010	07/22/2025	Dissolved Oxygen	0.680	mg/L
AW-15S	Compliance	E010	07/22/2025	Fluoride, total	0.221 J	mg/L
AW-15S	Compliance	E010	07/22/2025	Lead, total	0.00022 U	mg/L
AW-15S	Compliance	E010	07/22/2025	Lithium, total	0.014 J	mg/L
AW-15S	Compliance	E010	07/22/2025	Mercury, total	0.00014 U	mg/L
AW-15S	Compliance	E010	07/22/2025	Molybdenum, total	0.00260	mg/L
AW-15S	Compliance	E010	07/22/2025	Oxidation Reduction Potential	-4.00	mV
AW-15S	Compliance	E010	07/22/2025	pH (field)	6.9	SU
AW-15S	Compliance	E010	07/22/2025	Radium 226 + Radium 228, total	0	pCi/L
AW-15S	Compliance	E010	07/22/2025	Selenium, total	0.00130	mg/L
AW-15S	Compliance	E010	07/22/2025	Specific Conductance @ 25C (field)	1,800	micromhos/cm
AW-15S	Compliance	E010	07/22/2025	Sulfate, total	520	mg/L
AW-15S	Compliance	E010	07/22/2025	Temperature	17.7	degrees C
AW-15S	Compliance	E010	07/22/2025	Thallium, total	0.00038 U	mg/L
AW-15S	Compliance	E010	07/22/2025	Total Dissolved Solids	1,200	mg/L
AW-15S	Compliance	E010	07/22/2025	Turbidity, field	34.3	NTU
AW-16	Compliance	E010	07/22/2025	Antimony, total	0.00043 U	mg/L
AW-16	Compliance	E010	07/22/2025	Arsenic, total	0.00078 J	mg/L
AW-16	Compliance	E010	07/22/2025	Barium, total	1.10	mg/L
AW-16	Compliance	E010	07/22/2025	Beryllium, total	0.00059 U	mg/L
AW-16	Compliance	E010	07/22/2025	Boron, total	0.410	mg/L
AW-16	Compliance	E010	07/22/2025	Cadmium, total	0.00074 U	mg/L
AW-16	Compliance	E010	07/22/2025	Calcium, total	140	mg/L
AW-16	Compliance	E010	07/22/2025	Chloride, total	49.0	mg/L
AW-16	Compliance	E010	07/22/2025	Chromium, total	0.0028 U	mg/L
AW-16	Compliance	E010	07/22/2025	Cobalt, total	0.0014 J	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-16	Compliance	E010	07/22/2025	Dissolved Oxygen	0.110	mg/L
AW-16	Compliance	E010	07/22/2025	Fluoride, total	0.2 U	mg/L
AW-16	Compliance	E010	07/22/2025	Lead, total	0.00022 U	mg/L
AW-16	Compliance	E010	07/22/2025	Lithium, total	0.0330	mg/L
AW-16	Compliance	E010	07/22/2025	Mercury, total	0.00014 U	mg/L
AW-16	Compliance	E010	07/22/2025	Molybdenum, total	0.00076 J	mg/L
AW-16	Compliance	E010	07/22/2025	Oxidation Reduction Potential	-120	mV
AW-16	Compliance	E010	07/22/2025	pH (field)	6.7	SU
AW-16	Compliance	E010	07/22/2025	Radium 226 + Radium 228, total	4.39	pCi/L
AW-16	Compliance	E010	07/22/2025	Selenium, total	0.00074 U	mg/L
AW-16	Compliance	E010	07/22/2025	Specific Conductance @ 25C (field)	2,050	micromhos/cm
AW-16	Compliance	E010	07/22/2025	Sulfate, total	1 UJ	mg/L
AW-16	Compliance	E010	07/22/2025	Temperature	18.1	degrees C
AW-16	Compliance	E010	07/22/2025	Thallium, total	0.00038 U	mg/L
AW-16	Compliance	E010	07/22/2025	Total Dissolved Solids	1,100	mg/L
AW-16	Compliance	E010	07/22/2025	Turbidity, field	0	NTU
AW-17	Compliance	E010	07/22/2025	Antimony, total	0.00043 U	mg/L
AW-17	Compliance	E010	07/22/2025	Arsenic, total	0.00340	mg/L
AW-17	Compliance	E010	07/22/2025	Barium, total	0.950	mg/L
AW-17	Compliance	E010	07/22/2025	Beryllium, total	0.00059 U	mg/L
AW-17	Compliance	E010	07/22/2025	Boron, total	0.390	mg/L
AW-17	Compliance	E010	07/22/2025	Cadmium, total	0.00074 U	mg/L
AW-17	Compliance	E010	07/22/2025	Calcium, total	100	mg/L
AW-17	Compliance	E010	07/22/2025	Chloride, total	55.0	mg/L
AW-17	Compliance	E010	07/22/2025	Chromium, total	0.0028 U	mg/L
AW-17	Compliance	E010	07/22/2025	Cobalt, total	0.0017 J	mg/L
AW-17	Compliance	E010	07/22/2025	Dissolved Oxygen	0.0800	mg/L
AW-17	Compliance	E010	07/22/2025	Fluoride, total	0.2 U	mg/L
AW-17	Compliance	E010	07/22/2025	Lead, total	0.00022 U	mg/L
AW-17	Compliance	E010	07/22/2025	Lithium, total	0.0320	mg/L
AW-17	Compliance	E010	07/22/2025	Mercury, total	0.00014 U	mg/L
AW-17	Compliance	E010	07/22/2025	Molybdenum, total	0.00074 U	mg/L
AW-17	Compliance	E010	07/22/2025	Oxidation Reduction Potential	-145	mV
AW-17	Compliance	E010	07/22/2025	pH (field)	6.8	SU
AW-17	Compliance	E010	07/22/2025	Radium 226 + Radium 228, total	2.01	pCi/L
AW-17	Compliance	E010	07/22/2025	Selenium, total	0.00074 U	mg/L
AW-17	Compliance	E010	07/22/2025	Specific Conductance @ 25C (field)	1,650	micromhos/cm
AW-17	Compliance	E010	07/22/2025	Sulfate, total	0.13 U	mg/L
AW-17	Compliance	E010	07/22/2025	Temperature	18.9	degrees C
AW-17	Compliance	E010	07/22/2025	Thallium, total	0.00038 U	mg/L
AW-17	Compliance	E010	07/22/2025	Total Dissolved Solids	920	mg/L
AW-17	Compliance	E010	07/22/2025	Turbidity, field	10.3	NTU
AW-18	Compliance	E010	07/21/2025	Antimony, total	0.00043 U	mg/L
AW-18	Compliance	E010	07/21/2025	Arsenic, total	0.00500	mg/L
AW-18	Compliance	E010	07/21/2025	Barium, total	1.60	mg/L
AW-18	Compliance	E010	07/21/2025	Beryllium, total	0.00059 U	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-18	Compliance	E010	07/21/2025	Boron, total	0.240	mg/L
AW-18	Compliance	E010	07/21/2025	Cadmium, total	0.00074 U	mg/L
AW-18	Compliance	E010	07/21/2025	Calcium, total	130	mg/L
AW-18	Compliance	E010	07/21/2025	Chloride, total	110	mg/L
AW-18	Compliance	E010	07/21/2025	Chromium, total	0.0028 U	mg/L
AW-18	Compliance	E010	07/21/2025	Cobalt, total	0.0011 J	mg/L
AW-18	Compliance	E010	07/21/2025	Dissolved Oxygen	0	mg/L
AW-18	Compliance	E010	07/21/2025	Fluoride, total	0.2 U	mg/L
AW-18	Compliance	E010	07/21/2025	Lead, total	0.00079 J	mg/L
AW-18	Compliance	E010	07/21/2025	Lithium, total	0.0280	mg/L
AW-18	Compliance	E010	07/21/2025	Mercury, total	0.00014 U	mg/L
AW-18	Compliance	E010	07/21/2025	Molybdenum, total	0.00220	mg/L
AW-18	Compliance	E010	07/21/2025	Oxidation Reduction Potential	-131	mV
AW-18	Compliance	E010	07/21/2025	pH (field)	6.8	SU
AW-18	Compliance	E010	07/21/2025	Radium 226 + Radium 228, total	3.84	pCi/L
AW-18	Compliance	E010	07/21/2025	Selenium, total	0.00074 U	mg/L
AW-18	Compliance	E010	07/21/2025	Specific Conductance @ 25C (field)	1,620	micromhos/cm
AW-18	Compliance	E010	07/21/2025	Sulfate, total	1 UJ	mg/L
AW-18	Compliance	E010	07/21/2025	Temperature	24.3	degrees C
AW-18	Compliance	E010	07/21/2025	Thallium, total	0.00038 U	mg/L
AW-18	Compliance	E010	07/21/2025	Total Dissolved Solids	980	mg/L
AW-18	Compliance	E010	07/21/2025	Turbidity, field	44.2	NTU
AW-19	Compliance	E010	07/21/2025	Antimony, total	0.00043 U	mg/L
AW-19	Compliance	E010	07/21/2025	Arsenic, total	0.0120	mg/L
AW-19	Compliance	E010	07/21/2025	Barium, total	0.180	mg/L
AW-19	Compliance	E010	07/21/2025	Beryllium, total	0.00059 U	mg/L
AW-19	Compliance	E010	07/21/2025	Boron, total	3.10	mg/L
AW-19	Compliance	E010	07/21/2025	Cadmium, total	0.00074 U	mg/L
AW-19	Compliance	E010	07/21/2025	Calcium, total	120	mg/L
AW-19	Compliance	E010	07/21/2025	Chloride, total	74.0	mg/L
AW-19	Compliance	E010	07/21/2025	Chromium, total	0.0028 U	mg/L
AW-19	Compliance	E010	07/21/2025	Cobalt, total	0.00077 J	mg/L
AW-19	Compliance	E010	07/21/2025	Dissolved Oxygen	0	mg/L
AW-19	Compliance	E010	07/21/2025	Fluoride, total	0.268	mg/L
AW-19	Compliance	E010	07/21/2025	Lead, total	0.00034 J	mg/L
AW-19	Compliance	E010	07/21/2025	Lithium, total	0.011 J	mg/L
AW-19	Compliance	E010	07/21/2025	Mercury, total	0.00014 U	mg/L
AW-19	Compliance	E010	07/21/2025	Molybdenum, total	0.00380	mg/L
AW-19	Compliance	E010	07/21/2025	Oxidation Reduction Potential	24.0	mV
AW-19	Compliance	E010	07/21/2025	pH (field)	7.0	SU
AW-19	Compliance	E010	07/21/2025	Radium 226 + Radium 228, total	0	pCi/L
AW-19	Compliance	E010	07/21/2025	Selenium, total	0.00074 U	mg/L
AW-19	Compliance	E010	07/21/2025	Specific Conductance @ 25C (field)	1,240	micromhos/cm
AW-19	Compliance	E010	07/21/2025	Sulfate, total	53.0	mg/L
AW-19	Compliance	E010	07/21/2025	Temperature	25.3	degrees C
AW-19	Compliance	E010	07/21/2025	Thallium, total	0.00038 U	mg/L

TABLE 1.
FIELD PARAMETERS AND ANALYTICAL RESULTS - QUARTER 3, 2025
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ASH POND
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-19	Compliance	E010	07/21/2025	Total Dissolved Solids	650	mg/L
AW-19	Compliance	E010	07/21/2025	Turbidity, field	54.4	NTU
AW-21	Compliance	E010	07/21/2025	Antimony, total	0.0011 J	mg/L
AW-21	Compliance	E010	07/21/2025	Arsenic, total	0.00130	mg/L
AW-21	Compliance	E010	07/21/2025	Barium, total	0.0570	mg/L
AW-21	Compliance	E010	07/21/2025	Beryllium, total	0.00059 U	mg/L
AW-21	Compliance	E010	07/21/2025	Boron, total	12.0	mg/L
AW-21	Compliance	E010	07/21/2025	Cadmium, total	0.00074 U	mg/L
AW-21	Compliance	E010	07/21/2025	Calcium, total	120	mg/L
AW-21	Compliance	E010	07/21/2025	Chloride, total	80.0	mg/L
AW-21	Compliance	E010	07/21/2025	Chromium, total	0.0028 U	mg/L
AW-21	Compliance	E010	07/21/2025	Cobalt, total	0.00048 U	mg/L
AW-21	Compliance	E010	07/21/2025	Dissolved Oxygen	3.40	mg/L
AW-21	Compliance	E010	07/21/2025	Fluoride, total	0.291	mg/L
AW-21	Compliance	E010	07/21/2025	Lead, total	0.00022 U	mg/L
AW-21	Compliance	E010	07/21/2025	Lithium, total	0.0052 J	mg/L
AW-21	Compliance	E010	07/21/2025	Mercury, total	0.00014 U	mg/L
AW-21	Compliance	E010	07/21/2025	Molybdenum, total	0.0150	mg/L
AW-21	Compliance	E010	07/21/2025	Oxidation Reduction Potential	242	mV
AW-21	Compliance	E010	07/21/2025	pH (field)	7.3	SU
AW-21	Compliance	E010	07/21/2025	Radium 226 + Radium 228, total	0	pCi/L
AW-21	Compliance	E010	07/21/2025	Selenium, total	0.00160	mg/L
AW-21	Compliance	E010	07/21/2025	Specific Conductance @ 25C (field)	1,040	micromhos/cm
AW-21	Compliance	E010	07/21/2025	Sulfate, total	250	mg/L
AW-21	Compliance	E010	07/21/2025	Temperature	18.5	degrees C
AW-21	Compliance	E010	07/21/2025	Thallium, total	0.00038 U	mg/L
AW-21	Compliance	E010	07/21/2025	Total Dissolved Solids	730	mg/L
AW-21	Compliance	E010	07/21/2025	Turbidity, field	26.3	NTU

Notes:
C = Celsius
cm = centimeter
Events:
E010 = Quarter 3, 2025 sampling event
mg/L = milligrams per liter
mV = millivolts
NTU = Nephelometric Turbidity Units
pCi/L = picocuries per liter
Result Code (if applicable):
NR¹ = Parameter not analyzed.
NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS³ = The location was not accessible; therefore, a sample was not collected.
NS⁴ = The location could not be found; therefore, a sample was not collected.
NS⁵ = The location was damaged; therefore, a sample was not collected.
NS⁶ = Sampling pump could not yield a sample.
NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS⁸ = A sample was not collected.
PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.
Result qualifiers as defined in the United States Environmental Protection Agency's *National Functional Guidelines for Inorganic Superfund Methods Data Review*, EPA 542-R-20-006. November 2020.:
J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+ = The result is an estimated quantity, but the result may be biased high.
U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.
UJ = The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
SU = Standard Units

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AP05S	Background	E011	11/06/2025	Antimony, total	0.00043 U	mg/L
AP05S	Background	E011	11/06/2025	Arsenic, total	0.00079 J	mg/L
AP05S	Background	E011	11/06/2025	Barium, total	1.10	mg/L
AP05S	Background	E011	11/06/2025	Beryllium, total	0.00059 U	mg/L
AP05S	Background	E011	11/06/2025	Boron, total	0.370	mg/L
AP05S	Background	E011	11/06/2025	Cadmium, total	0.00074 U	mg/L
AP05S	Background	E011	11/06/2025	Calcium, total	98.0	mg/L
AP05S	Background	E011	11/06/2025	Chloride, total	47.0	mg/L
AP05S	Background	E011	11/06/2025	Chromium, total	0.0028 U	mg/L
AP05S	Background	E011	11/06/2025	Cobalt, total	0.0011 J	mg/L
AP05S	Background	E011	11/06/2025	Dissolved Oxygen	0	mg/L
AP05S	Background	E011	11/06/2025	Fluoride, total	0.2 U	mg/L
AP05S	Background	E011	11/06/2025	Lead, total	0.001 UJ	mg/L
AP05S	Background	E011	11/06/2025	Lithium, total	0.0330	mg/L
AP05S	Background	E011	11/06/2025	Mercury, total	0.00014 U	mg/L
AP05S	Background	E011	11/06/2025	Molybdenum, total	0.00074 U	mg/L
AP05S	Background	E011	11/06/2025	Oxidation Reduction Potential	-123	mV
AP05S	Background	E011	11/06/2025	pH (field)	7.2	SU
AP05S	Background	E011	11/06/2025	Radium 226 + Radium 228, total	3.08	pCi/L
AP05S	Background	E011	11/06/2025	Selenium, total	0.00074 U	mg/L
AP05S	Background	E011	11/06/2025	Specific Conductance @ 25C (field)	1,720	micromhos/cm
AP05S	Background	E011	11/06/2025	Sulfate, total	0.13 U	mg/L
AP05S	Background	E011	11/06/2025	Temperature	14.4	degrees C
AP05S	Background	E011	11/06/2025	Thallium, total	0.00038 U	mg/L
AP05S	Background	E011	11/06/2025	Total Dissolved Solids	810 J	mg/L
AP05S	Background	E011	11/06/2025	Turbidity, field	8.00	NTU
AW-08	Background	E011	11/06/2025	Antimony, total	0.00043 U	mg/L
AW-08	Background	E011	11/06/2025	Arsenic, total	0.0110	mg/L
AW-08	Background	E011	11/06/2025	Barium, total	0.360	mg/L
AW-08	Background	E011	11/06/2025	Beryllium, total	0.00059 U	mg/L
AW-08	Background	E011	11/06/2025	Boron, total	0.190	mg/L
AW-08	Background	E011	11/06/2025	Cadmium, total	0.00074 U	mg/L
AW-08	Background	E011	11/06/2025	Calcium, total	130	mg/L
AW-08	Background	E011	11/06/2025	Chloride, total	16.0	mg/L
AW-08	Background	E011	11/06/2025	Chromium, total	0.004 UJ	mg/L
AW-08	Background	E011	11/06/2025	Cobalt, total	0.0013 J	mg/L
AW-08	Background	E011	11/06/2025	Dissolved Oxygen	0.520	mg/L
AW-08	Background	E011	11/06/2025	Fluoride, total	0.2 U	mg/L
AW-08	Background	E011	11/06/2025	Lead, total	0.00110 J+	mg/L
AW-08	Background	E011	11/06/2025	Lithium, total	0.015 J	mg/L
AW-08	Background	E011	11/06/2025	Mercury, total	0.00014 U	mg/L
AW-08	Background	E011	11/06/2025	Molybdenum, total	0.00130	mg/L
AW-08	Background	E011	11/06/2025	Oxidation Reduction Potential	-148	mV
AW-08	Background	E011	11/06/2025	pH (field)	7.0	SU
AW-08	Background	E011	11/06/2025	Radium 226 + Radium 228, total	1.05	pCi/L
AW-08	Background	E011	11/06/2025	Selenium, total	0.00074 U	mg/L

TABLE 1.
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-08	Background	E011	11/06/2025	Specific Conductance @ 25C (field)	1,535	micromhos/cm
AW-08	Background	E011	11/06/2025	Sulfate, total	0.23 J	mg/L
AW-08	Background	E011	11/06/2025	Temperature	16.2	degrees C
AW-08	Background	E011	11/06/2025	Thallium, total	0.00038 U	mg/L
AW-08	Background	E011	11/06/2025	Total Dissolved Solids	660	mg/L
AW-08	Background	E011	11/06/2025	Turbidity, field	112	NTU
AP07S	Compliance	E011	11/06/2025	Antimony, total	0.00043 U	mg/L
AP07S	Compliance	E011	11/06/2025	Arsenic, total	0.00069 U	mg/L
AP07S	Compliance	E011	11/06/2025	Barium, total	0.0650 J+	mg/L
AP07S	Compliance	E011	11/06/2025	Beryllium, total	0.00059 U	mg/L
AP07S	Compliance	E011	11/06/2025	Boron, total	13.0	mg/L
AP07S	Compliance	E011	11/06/2025	Cadmium, total	0.00074 U	mg/L
AP07S	Compliance	E011	11/06/2025	Calcium, total	160	mg/L
AP07S	Compliance	E011	11/06/2025	Chloride, total	80.0	mg/L
AP07S	Compliance	E011	11/06/2025	Chromium, total	0.0028 U	mg/L
AP07S	Compliance	E011	11/06/2025	Cobalt, total	0.0015 J	mg/L
AP07S	Compliance	E011	11/06/2025	Dissolved Oxygen	0.530	mg/L
AP07S	Compliance	E011	11/06/2025	Fluoride, total	0.289	mg/L
AP07S	Compliance	E011	11/06/2025	Lead, total	0.001 UJ	mg/L
AP07S	Compliance	E011	11/06/2025	Lithium, total	0.0061 J	mg/L
AP07S	Compliance	E011	11/06/2025	Mercury, total	0.00014 U	mg/L
AP07S	Compliance	E011	11/06/2025	Molybdenum, total	0.0074 U	mg/L
AP07S	Compliance	E011	11/06/2025	Oxidation Reduction Potential	-30.0	mV
AP07S	Compliance	E011	11/06/2025	pH (field)	6.9	SU
AP07S	Compliance	E011	11/06/2025	Radium 226 + Radium 228, total	0.575	pCi/L
AP07S	Compliance	E011	11/06/2025	Selenium, total	0.00074 U	mg/L
AP07S	Compliance	E011	11/06/2025	Specific Conductance @ 25C (field)	1,716	micromhos/cm
AP07S	Compliance	E011	11/06/2025	Sulfate, total	210	mg/L
AP07S	Compliance	E011	11/06/2025	Temperature	17.3	degrees C
AP07S	Compliance	E011	11/06/2025	Thallium, total	0.00038 U	mg/L
AP07S	Compliance	E011	11/06/2025	Total Dissolved Solids	700	mg/L
AP07S	Compliance	E011	11/06/2025	Turbidity, field	12.2	NTU
AW-01	Compliance	E011	11/06/2025	Antimony, total	0.00043 U	mg/L
AW-01	Compliance	E011	11/06/2025	Arsenic, total	0.0100	mg/L
AW-01	Compliance	E011	11/06/2025	Barium, total	0.110	mg/L
AW-01	Compliance	E011	11/06/2025	Beryllium, total	0.00059 U	mg/L
AW-01	Compliance	E011	11/06/2025	Boron, total	0.100 J+	mg/L
AW-01	Compliance	E011	11/06/2025	Cadmium, total	0.00074 U	mg/L
AW-01	Compliance	E011	11/06/2025	Calcium, total	180	mg/L
AW-01	Compliance	E011	11/06/2025	Chloride, total	7.20	mg/L
AW-01	Compliance	E011	11/06/2025	Chromium, total	0.0028 U	mg/L
AW-01	Compliance	E011	11/06/2025	Cobalt, total	0.00350	mg/L
AW-01	Compliance	E011	11/06/2025	Dissolved Oxygen	0.370	mg/L
AW-01	Compliance	E011	11/06/2025	Fluoride, total	0.228 J	mg/L
AW-01	Compliance	E011	11/06/2025	Lead, total	0.00022 U	mg/L
AW-01	Compliance	E011	11/06/2025	Lithium, total	0.005 U	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-01	Compliance	E011	11/06/2025	Mercury, total	0.00014 U	mg/L
AW-01	Compliance	E011	11/06/2025	Molybdenum, total	0.00230	mg/L
AW-01	Compliance	E011	11/06/2025	Oxidation Reduction Potential	-97.0	mV
AW-01	Compliance	E011	11/06/2025	pH (field)	6.9	SU
AW-01	Compliance	E011	11/06/2025	Radium 226 + Radium 228, total	0.806	pCi/L
AW-01	Compliance	E011	11/06/2025	Selenium, total	0.00074 U	mg/L
AW-01	Compliance	E011	11/06/2025	Specific Conductance @ 25C (field)	1,503	micromhos/cm
AW-01	Compliance	E011	11/06/2025	Sulfate, total	43.0	mg/L
AW-01	Compliance	E011	11/06/2025	Temperature	18.0	degrees C
AW-01	Compliance	E011	11/06/2025	Thallium, total	0.00038 U	mg/L
AW-01	Compliance	E011	11/06/2025	Total Dissolved Solids	760	mg/L
AW-01	Compliance	E011	11/06/2025	Turbidity, field	8.10	NTU
AW-05	Compliance	E011	11/05/2025	Antimony, total	0.00043 U	mg/L
AW-05	Compliance	E011	11/05/2025	Arsenic, total	0.00160	mg/L
AW-05	Compliance	E011	11/05/2025	Barium, total	0.0570	mg/L
AW-05	Compliance	E011	11/05/2025	Beryllium, total	0.00059 U	mg/L
AW-05	Compliance	E011	11/05/2025	Boron, total	19.0	mg/L
AW-05	Compliance	E011	11/05/2025	Cadmium, total	0.00074 U	mg/L
AW-05	Compliance	E011	11/05/2025	Calcium, total	190	mg/L
AW-05	Compliance	E011	11/05/2025	Chloride, total	66.0	mg/L
AW-05	Compliance	E011	11/05/2025	Chromium, total	0.0028 U	mg/L
AW-05	Compliance	E011	11/05/2025	Cobalt, total	0.00066 J	mg/L
AW-05	Compliance	E011	11/05/2025	Dissolved Oxygen	0	mg/L
AW-05	Compliance	E011	11/05/2025	Fluoride, total	0.2 U	mg/L
AW-05	Compliance	E011	11/05/2025	Lead, total	0.00022 U	mg/L
AW-05	Compliance	E011	11/05/2025	Lithium, total	0.011 J	mg/L
AW-05	Compliance	E011	11/05/2025	Mercury, total	0.00014 U	mg/L
AW-05	Compliance	E011	11/05/2025	Molybdenum, total	0.00150	mg/L
AW-05	Compliance	E011	11/05/2025	Oxidation Reduction Potential	27.0	mV
AW-05	Compliance	E011	11/05/2025	pH (field)	6.5	SU
AW-05	Compliance	E011	11/05/2025	Radium 226 + Radium 228, total	0.980	pCi/L
AW-05	Compliance	E011	11/05/2025	Selenium, total	0.00074 U	mg/L
AW-05	Compliance	E011	11/05/2025	Specific Conductance @ 25C (field)	1,720	micromhos/cm
AW-05	Compliance	E011	11/05/2025	Sulfate, total	620	mg/L
AW-05	Compliance	E011	11/05/2025	Temperature	17.0	degrees C
AW-05	Compliance	E011	11/05/2025	Thallium, total	0.00038 U	mg/L
AW-05	Compliance	E011	11/05/2025	Total Dissolved Solids	1,200 J	mg/L
AW-05	Compliance	E011	11/05/2025	Turbidity, field	68.7	NTU
AW-06	Compliance	E011	11/05/2025	Antimony, total	0.00043 U	mg/L
AW-06	Compliance	E011	11/05/2025	Arsenic, total	0.00160	mg/L
AW-06	Compliance	E011	11/05/2025	Barium, total	0.150	mg/L
AW-06	Compliance	E011	11/05/2025	Beryllium, total	0.00059 U	mg/L
AW-06	Compliance	E011	11/05/2025	Boron, total	0.130	mg/L
AW-06	Compliance	E011	11/05/2025	Cadmium, total	0.00074 U	mg/L
AW-06	Compliance	E011	11/05/2025	Calcium, total	100	mg/L
AW-06	Compliance	E011	11/05/2025	Chloride, total	34.0	mg/L

TABLE 1.
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Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-06	Compliance	E011	11/05/2025	Chromium, total	0.0028 U	mg/L
AW-06	Compliance	E011	11/05/2025	Cobalt, total	0.00048 U	mg/L
AW-06	Compliance	E011	11/05/2025	Dissolved Oxygen	0	mg/L
AW-06	Compliance	E011	11/05/2025	Fluoride, total	0.333	mg/L
AW-06	Compliance	E011	11/05/2025	Lead, total	0.00022 U	mg/L
AW-06	Compliance	E011	11/05/2025	Lithium, total	0.013 J	mg/L
AW-06	Compliance	E011	11/05/2025	Mercury, total	0.00014 U	mg/L
AW-06	Compliance	E011	11/05/2025	Molybdenum, total	0.00450	mg/L
AW-06	Compliance	E011	11/05/2025	Oxidation Reduction Potential	-107	mV
AW-06	Compliance	E011	11/05/2025	pH (field)	8.1	SU
AW-06	Compliance	E011	11/05/2025	Radium 226 + Radium 228, total	0.683	pCi/L
AW-06	Compliance	E011	11/05/2025	Selenium, total	0.00074 U	mg/L
AW-06	Compliance	E011	11/05/2025	Specific Conductance @ 25C (field)	1,020	micromhos/cm
AW-06	Compliance	E011	11/05/2025	Sulfate, total	19.0	mg/L
AW-06	Compliance	E011	11/05/2025	Temperature	16.4	degrees C
AW-06	Compliance	E011	11/05/2025	Thallium, total	0.00038 U	mg/L
AW-06	Compliance	E011	11/05/2025	Total Dissolved Solids	460	mg/L
AW-06	Compliance	E011	11/05/2025	Turbidity, field	20.5	NTU
AW-09	Compliance	E011	11/05/2025	Antimony, total	0.00043 U	mg/L
AW-09	Compliance	E011	11/05/2025	Arsenic, total	0.00320	mg/L
AW-09	Compliance	E011	11/05/2025	Barium, total	0.920	mg/L
AW-09	Compliance	E011	11/05/2025	Beryllium, total	0.00059 U	mg/L
AW-09	Compliance	E011	11/05/2025	Boron, total	0.420	mg/L
AW-09	Compliance	E011	11/05/2025	Cadmium, total	0.00074 U	mg/L
AW-09	Compliance	E011	11/05/2025	Calcium, total	110	mg/L
AW-09	Compliance	E011	11/05/2025	Chloride, total	28.0	mg/L
AW-09	Compliance	E011	11/05/2025	Chromium, total	0.0028 U	mg/L
AW-09	Compliance	E011	11/05/2025	Cobalt, total	0.0018 J	mg/L
AW-09	Compliance	E011	11/05/2025	Dissolved Oxygen	0	mg/L
AW-09	Compliance	E011	11/05/2025	Fluoride, total	0.2 U	mg/L
AW-09	Compliance	E011	11/05/2025	Lead, total	0.00048 J	mg/L
AW-09	Compliance	E011	11/05/2025	Lithium, total	0.0300	mg/L
AW-09	Compliance	E011	11/05/2025	Mercury, total	0.00014 U	mg/L
AW-09	Compliance	E011	11/05/2025	Molybdenum, total	0.00074 U	mg/L
AW-09	Compliance	E011	11/05/2025	Oxidation Reduction Potential	-132	mV
AW-09	Compliance	E011	11/05/2025	pH (field)	7.8	SU
AW-09	Compliance	E011	11/05/2025	Radium 226 + Radium 228, total	1.05	pCi/L
AW-09	Compliance	E011	11/05/2025	Selenium, total	0.00074 U	mg/L
AW-09	Compliance	E011	11/05/2025	Specific Conductance @ 25C (field)	1,560	micromhos/cm
AW-09	Compliance	E011	11/05/2025	Sulfate, total	0.13 U	mg/L
AW-09	Compliance	E011	11/05/2025	Temperature	16.2	degrees C
AW-09	Compliance	E011	11/05/2025	Thallium, total	0.00038 U	mg/L
AW-09	Compliance	E011	11/05/2025	Total Dissolved Solids	640	mg/L
AW-09	Compliance	E011	11/05/2025	Turbidity, field	57.7	NTU
AW-10	Compliance	E011	11/06/2025	Antimony, total	0.00043 U	mg/L
AW-10	Compliance	E011	11/06/2025	Arsenic, total	0.0100	mg/L

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Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-10	Compliance	E011	11/06/2025	Barium, total	0.900	mg/L
AW-10	Compliance	E011	11/06/2025	Beryllium, total	0.00059 U	mg/L
AW-10	Compliance	E011	11/06/2025	Boron, total	0.470	mg/L
AW-10	Compliance	E011	11/06/2025	Cadmium, total	0.00074 U	mg/L
AW-10	Compliance	E011	11/06/2025	Calcium, total	130	mg/L
AW-10	Compliance	E011	11/06/2025	Chloride, total	89.0	mg/L
AW-10	Compliance	E011	11/06/2025	Chromium, total	0.00540 J+	mg/L
AW-10	Compliance	E011	11/06/2025	Cobalt, total	0.00540	mg/L
AW-10	Compliance	E011	11/06/2025	Dissolved Oxygen	0.320	mg/L
AW-10	Compliance	E011	11/06/2025	Fluoride, total	0.2 U	mg/L
AW-10	Compliance	E011	11/06/2025	Lead, total	0.00360 J+	mg/L
AW-10	Compliance	E011	11/06/2025	Lithium, total	0.0390	mg/L
AW-10	Compliance	E011	11/06/2025	Mercury, total	0.00014 U	mg/L
AW-10	Compliance	E011	11/06/2025	Molybdenum, total	0.00100	mg/L
AW-10	Compliance	E011	11/06/2025	Oxidation Reduction Potential	-154	mV
AW-10	Compliance	E011	11/06/2025	pH (field)	6.9	SU
AW-10	Compliance	E011	11/06/2025	Radium 226 + Radium 228, total	4.39	pCi/L
AW-10	Compliance	E011	11/06/2025	Selenium, total	0.00074 U	mg/L
AW-10	Compliance	E011	11/06/2025	Specific Conductance @ 25C (field)	2,215	micromhos/cm
AW-10	Compliance	E011	11/06/2025	Sulfate, total	0.13 U	mg/L
AW-10	Compliance	E011	11/06/2025	Temperature	15.7	degrees C
AW-10	Compliance	E011	11/06/2025	Thallium, total	0.00038 U	mg/L
AW-10	Compliance	E011	11/06/2025	Total Dissolved Solids	1,100	mg/L
AW-10	Compliance	E011	11/06/2025	Turbidity, field	191	NTU
AW-11	Compliance	E011	11/04/2025	Antimony, total	0.00043 U	mg/L
AW-11	Compliance	E011	11/04/2025	Arsenic, total	0.00930	mg/L
AW-11	Compliance	E011	11/04/2025	Barium, total	1.00	mg/L
AW-11	Compliance	E011	11/04/2025	Beryllium, total	0.00059 U	mg/L
AW-11	Compliance	E011	11/04/2025	Boron, total	0.250	mg/L
AW-11	Compliance	E011	11/04/2025	Cadmium, total	0.00074 U	mg/L
AW-11	Compliance	E011	11/04/2025	Calcium, total	150	mg/L
AW-11	Compliance	E011	11/04/2025	Chloride, total	37.0	mg/L
AW-11	Compliance	E011	11/04/2025	Chromium, total	0.0028 U	mg/L
AW-11	Compliance	E011	11/04/2025	Cobalt, total	0.0015 J	mg/L
AW-11	Compliance	E011	11/04/2025	Dissolved Oxygen	0	mg/L
AW-11	Compliance	E011	11/04/2025	Fluoride, total	0.2 U	mg/L
AW-11	Compliance	E011	11/04/2025	Lead, total	0.00053 J	mg/L
AW-11	Compliance	E011	11/04/2025	Lithium, total	0.019 J	mg/L
AW-11	Compliance	E011	11/04/2025	Mercury, total	0.000230	mg/L
AW-11	Compliance	E011	11/04/2025	Molybdenum, total	0.00099 J	mg/L
AW-11	Compliance	E011	11/04/2025	Oxidation Reduction Potential	-133	mV
AW-11	Compliance	E011	11/04/2025	pH (field)	7.4	SU
AW-11	Compliance	E011	11/04/2025	Radium 226 + Radium 228, total	3.95	pCi/L
AW-11	Compliance	E011	11/04/2025	Selenium, total	0.00074 U	mg/L
AW-11	Compliance	E011	11/04/2025	Specific Conductance @ 25C (field)	1,680	micromhos/cm
AW-11	Compliance	E011	11/04/2025	Sulfate, total	0.21 J	mg/L

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ASH POND
BARTONVILLE, IL

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-11	Compliance	E011	11/04/2025	Temperature	17.8	degrees C
AW-11	Compliance	E011	11/04/2025	Thallium, total	0.00038 U	mg/L
AW-11	Compliance	E011	11/04/2025	Total Dissolved Solids	940	mg/L
AW-11	Compliance	E011	11/04/2025	Turbidity, field	388	NTU
AW-14	Compliance	E011	11/04/2025	Antimony, total	0.00043 U	mg/L
AW-14	Compliance	E011	11/04/2025	Arsenic, total	0.00150	mg/L
AW-14	Compliance	E011	11/04/2025	Barium, total	0.740	mg/L
AW-14	Compliance	E011	11/04/2025	Beryllium, total	0.00059 U	mg/L
AW-14	Compliance	E011	11/04/2025	Boron, total	0.200	mg/L
AW-14	Compliance	E011	11/04/2025	Cadmium, total	0.00074 U	mg/L
AW-14	Compliance	E011	11/04/2025	Calcium, total	160	mg/L
AW-14	Compliance	E011	11/04/2025	Chloride, total	28.0	mg/L
AW-14	Compliance	E011	11/04/2025	Chromium, total	0.0028 U	mg/L
AW-14	Compliance	E011	11/04/2025	Cobalt, total	0.0017 J	mg/L
AW-14	Compliance	E011	11/04/2025	Dissolved Oxygen	0	mg/L
AW-14	Compliance	E011	11/04/2025	Fluoride, total	0.2 U	mg/L
AW-14	Compliance	E011	11/04/2025	Lead, total	0.00033 J	mg/L
AW-14	Compliance	E011	11/04/2025	Lithium, total	0.017 J	mg/L
AW-14	Compliance	E011	11/04/2025	Mercury, total	0.00017 J	mg/L
AW-14	Compliance	E011	11/04/2025	Molybdenum, total	0.00074 U	mg/L
AW-14	Compliance	E011	11/04/2025	Oxidation Reduction Potential	-130	mV
AW-14	Compliance	E011	11/04/2025	pH (field)	7.2	SU
AW-14	Compliance	E011	11/04/2025	Radium 226 + Radium 228, total	4.46	pCi/L
AW-14	Compliance	E011	11/04/2025	Selenium, total	0.00074 U	mg/L
AW-14	Compliance	E011	11/04/2025	Specific Conductance @ 25C (field)	1,740	micromhos/cm
AW-14	Compliance	E011	11/04/2025	Sulfate, total	1.40	mg/L
AW-14	Compliance	E011	11/04/2025	Temperature	15.0	degrees C
AW-14	Compliance	E011	11/04/2025	Thallium, total	0.00038 U	mg/L
AW-14	Compliance	E011	11/04/2025	Total Dissolved Solids	1,000	mg/L
AW-14	Compliance	E011	11/04/2025	Turbidity, field	59.6	NTU
AW-15	Compliance	E011	--	Antimony, total	NR ²	mg/L
AW-15	Compliance	E011	--	Arsenic, total	NR ²	mg/L
AW-15	Compliance	E011	--	Barium, total	NR ²	mg/L
AW-15	Compliance	E011	--	Beryllium, total	NR ²	mg/L
AW-15	Compliance	E011	--	Boron, total	NR ²	mg/L
AW-15	Compliance	E011	--	Cadmium, total	NR ²	mg/L
AW-15	Compliance	E011	--	Calcium, total	NR ²	mg/L
AW-15	Compliance	E011	--	Chloride, total	NR ²	mg/L
AW-15	Compliance	E011	--	Chromium, total	NR ²	mg/L
AW-15	Compliance	E011	--	Cobalt, total	NR ²	mg/L
AW-15	Compliance	E011	--	Dissolved Oxygen	NR ²	mg/L
AW-15	Compliance	E011	--	Fluoride, total	NR ²	mg/L
AW-15	Compliance	E011	--	Lead, total	NR ²	mg/L
AW-15	Compliance	E011	--	Lithium, total	NR ²	mg/L
AW-15	Compliance	E011	--	Mercury, total	NR ²	mg/L
AW-15	Compliance	E011	--	Molybdenum, total	NR ²	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-15	Compliance	E011	--	Oxidation Reduction Potential	NR ²	mV
AW-15	Compliance	E011	--	pH (field)	NR ²	SU
AW-15	Compliance	E011	--	Radium 226 + Radium 228, total	NR ²	pCi/L
AW-15	Compliance	E011	--	Selenium, total	NR ²	mg/L
AW-15	Compliance	E011	--	Specific Conductance @ 25C (field)	NR ²	micromhos/cm
AW-15	Compliance	E011	--	Sulfate, total	NR ²	mg/L
AW-15	Compliance	E011	--	Temperature	NR ²	degrees C
AW-15	Compliance	E011	--	Thallium, total	NR ²	mg/L
AW-15	Compliance	E011	--	Total Dissolved Solids	NR ²	mg/L
AW-15	Compliance	E011	--	Turbidity, field	NR ²	NTU
AW-15S	Compliance	E011	--	Antimony, total	NR ²	mg/L
AW-15S	Compliance	E011	--	Arsenic, total	NR ²	mg/L
AW-15S	Compliance	E011	--	Barium, total	NR ²	mg/L
AW-15S	Compliance	E011	--	Beryllium, total	NR ²	mg/L
AW-15S	Compliance	E011	--	Boron, total	NR ²	mg/L
AW-15S	Compliance	E011	--	Cadmium, total	NR ²	mg/L
AW-15S	Compliance	E011	--	Calcium, total	NR ²	mg/L
AW-15S	Compliance	E011	--	Chloride, total	NR ²	mg/L
AW-15S	Compliance	E011	--	Chromium, total	NR ²	mg/L
AW-15S	Compliance	E011	--	Cobalt, total	NR ²	mg/L
AW-15S	Compliance	E011	--	Dissolved Oxygen	NR ²	mg/L
AW-15S	Compliance	E011	--	Fluoride, total	NR ²	mg/L
AW-15S	Compliance	E011	--	Lead, total	NR ²	mg/L
AW-15S	Compliance	E011	--	Lithium, total	NR ²	mg/L
AW-15S	Compliance	E011	--	Mercury, total	NR ²	mg/L
AW-15S	Compliance	E011	--	Molybdenum, total	NR ²	mg/L
AW-15S	Compliance	E011	--	Oxidation Reduction Potential	NR ²	mV
AW-15S	Compliance	E011	--	pH (field)	NR ²	SU
AW-15S	Compliance	E011	--	Radium 226 + Radium 228, total	NR ²	pCi/L
AW-15S	Compliance	E011	--	Selenium, total	NR ²	mg/L
AW-15S	Compliance	E011	--	Specific Conductance @ 25C (field)	NR ²	micromhos/cm
AW-15S	Compliance	E011	--	Sulfate, total	NR ²	mg/L
AW-15S	Compliance	E011	--	Temperature	NR ²	degrees C
AW-15S	Compliance	E011	--	Thallium, total	NR ²	mg/L
AW-15S	Compliance	E011	--	Total Dissolved Solids	NR ²	mg/L
AW-15S	Compliance	E011	--	Turbidity, field	NR ²	NTU
AW-16	Compliance	E011	11/04/2025	Antimony, total	0.00043 U	mg/L
AW-16	Compliance	E011	11/04/2025	Arsenic, total	0.00069 U	mg/L
AW-16	Compliance	E011	11/04/2025	Barium, total	1.10	mg/L
AW-16	Compliance	E011	11/04/2025	Beryllium, total	0.00059 U	mg/L
AW-16	Compliance	E011	11/04/2025	Boron, total	0.450	mg/L
AW-16	Compliance	E011	11/04/2025	Cadmium, total	0.00074 U	mg/L
AW-16	Compliance	E011	11/04/2025	Calcium, total	140	mg/L
AW-16	Compliance	E011	11/04/2025	Chloride, total	61.0	mg/L
AW-16	Compliance	E011	11/04/2025	Chromium, total	0.0028 U	mg/L
AW-16	Compliance	E011	11/04/2025	Cobalt, total	0.0014 J	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-16	Compliance	E011	11/04/2025	Dissolved Oxygen	0	mg/L
AW-16	Compliance	E011	11/04/2025	Fluoride, total	0.2 U	mg/L
AW-16	Compliance	E011	11/04/2025	Lead, total	0.00022 U	mg/L
AW-16	Compliance	E011	11/04/2025	Lithium, total	0.0350	mg/L
AW-16	Compliance	E011	11/04/2025	Mercury, total	0.00014 U	mg/L
AW-16	Compliance	E011	11/04/2025	Molybdenum, total	0.00074 U	mg/L
AW-16	Compliance	E011	11/04/2025	Oxidation Reduction Potential	-131	mV
AW-16	Compliance	E011	11/04/2025	pH (field)	7.4	SU
AW-16	Compliance	E011	11/04/2025	Radium 226 + Radium 228, total	3.46	pCi/L
AW-16	Compliance	E011	11/04/2025	Selenium, total	0.00074 U	mg/L
AW-16	Compliance	E011	11/04/2025	Specific Conductance @ 25C (field)	2,390	micromhos/cm
AW-16	Compliance	E011	11/04/2025	Sulfate, total	0.13 U	mg/L
AW-16	Compliance	E011	11/04/2025	Temperature	16.8	degrees C
AW-16	Compliance	E011	11/04/2025	Thallium, total	0.00038 U	mg/L
AW-16	Compliance	E011	11/04/2025	Total Dissolved Solids	1,200	mg/L
AW-16	Compliance	E011	11/04/2025	Turbidity, field	0 U	NTU
AW-17	Compliance	E011	11/05/2025	Antimony, total	0.00043 U	mg/L
AW-17	Compliance	E011	11/05/2025	Arsenic, total	0.0180	mg/L
AW-17	Compliance	E011	11/05/2025	Barium, total	0.380	mg/L
AW-17	Compliance	E011	11/05/2025	Beryllium, total	0.00059 U	mg/L
AW-17	Compliance	E011	11/05/2025	Boron, total	0.310	mg/L
AW-17	Compliance	E011	11/05/2025	Cadmium, total	0.00074 U	mg/L
AW-17	Compliance	E011	11/05/2025	Calcium, total	110	mg/L
AW-17	Compliance	E011	11/05/2025	Chloride, total	52.0	mg/L
AW-17	Compliance	E011	11/05/2025	Chromium, total	0.0028 U	mg/L
AW-17	Compliance	E011	11/05/2025	Cobalt, total	0.00230	mg/L
AW-17	Compliance	E011	11/05/2025	Dissolved Oxygen	0	mg/L
AW-17	Compliance	E011	11/05/2025	Fluoride, total	0.2 U	mg/L
AW-17	Compliance	E011	11/05/2025	Lead, total	0.00071 J	mg/L
AW-17	Compliance	E011	11/05/2025	Lithium, total	0.017 J	mg/L
AW-17	Compliance	E011	11/05/2025	Mercury, total	0.00014 U	mg/L
AW-17	Compliance	E011	11/05/2025	Molybdenum, total	0.0140	mg/L
AW-17	Compliance	E011	11/05/2025	Oxidation Reduction Potential	-118	mV
AW-17	Compliance	E011	11/05/2025	pH (field)	7.3	SU
AW-17	Compliance	E011	11/05/2025	Radium 226 + Radium 228, total	3.08	pCi/L
AW-17	Compliance	E011	11/05/2025	Selenium, total	0.00074 U	mg/L
AW-17	Compliance	E011	11/05/2025	Specific Conductance @ 25C (field)	1,970	micromhos/cm
AW-17	Compliance	E011	11/05/2025	Sulfate, total	0.13 U	mg/L
AW-17	Compliance	E011	11/05/2025	Temperature	16.7	degrees C
AW-17	Compliance	E011	11/05/2025	Thallium, total	0.00038 U	mg/L
AW-17	Compliance	E011	11/05/2025	Total Dissolved Solids	820	mg/L
AW-17	Compliance	E011	11/05/2025	Turbidity, field	1.50	NTU
AW-18	Compliance	E011	11/04/2025	Antimony, total	0.00043 U	mg/L
AW-18	Compliance	E011	11/04/2025	Arsenic, total	0.00400	mg/L
AW-18	Compliance	E011	11/04/2025	Barium, total	1.50	mg/L
AW-18	Compliance	E011	11/04/2025	Beryllium, total	0.00059 U	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-18	Compliance	E011	11/04/2025	Boron, total	0.490	mg/L
AW-18	Compliance	E011	11/04/2025	Cadmium, total	0.00074 U	mg/L
AW-18	Compliance	E011	11/04/2025	Calcium, total	120	mg/L
AW-18	Compliance	E011	11/04/2025	Chloride, total	100	mg/L
AW-18	Compliance	E011	11/04/2025	Chromium, total	0.0028 U	mg/L
AW-18	Compliance	E011	11/04/2025	Cobalt, total	0.00071 J	mg/L
AW-18	Compliance	E011	11/04/2025	Dissolved Oxygen	1.30	mg/L
AW-18	Compliance	E011	11/04/2025	Fluoride, total	0.2 U	mg/L
AW-18	Compliance	E011	11/04/2025	Lead, total	0.00037 J	mg/L
AW-18	Compliance	E011	11/04/2025	Lithium, total	0.0260	mg/L
AW-18	Compliance	E011	11/04/2025	Mercury, total	0.00014 U	mg/L
AW-18	Compliance	E011	11/04/2025	Molybdenum, total	0.00100	mg/L
AW-18	Compliance	E011	11/04/2025	Oxidation Reduction Potential	-131	mV
AW-18	Compliance	E011	11/04/2025	pH (field)	6.8	SU
AW-18	Compliance	E011	11/04/2025	Radium 226 + Radium 228, total	3.71	pCi/L
AW-18	Compliance	E011	11/04/2025	Selenium, total	0.00074 U	mg/L
AW-18	Compliance	E011	11/04/2025	Specific Conductance @ 25C (field)	1,950	micromhos/cm
AW-18	Compliance	E011	11/04/2025	Sulfate, total	2.90	mg/L
AW-18	Compliance	E011	11/04/2025	Temperature	15.3	degrees C
AW-18	Compliance	E011	11/04/2025	Thallium, total	0.00038 U	mg/L
AW-18	Compliance	E011	11/04/2025	Total Dissolved Solids	840	mg/L
AW-18	Compliance	E011	11/04/2025	Turbidity, field	29.6	NTU
AW-19	Compliance	E011	11/04/2025	Antimony, total	0.00043 U	mg/L
AW-19	Compliance	E011	11/04/2025	Arsenic, total	0.0120	mg/L
AW-19	Compliance	E011	11/04/2025	Barium, total	0.190	mg/L
AW-19	Compliance	E011	11/04/2025	Beryllium, total	0.00059 U	mg/L
AW-19	Compliance	E011	11/04/2025	Boron, total	3.20	mg/L
AW-19	Compliance	E011	11/04/2025	Cadmium, total	0.00074 U	mg/L
AW-19	Compliance	E011	11/04/2025	Calcium, total	120	mg/L
AW-19	Compliance	E011	11/04/2025	Chloride, total	86.0	mg/L
AW-19	Compliance	E011	11/04/2025	Chromium, total	0.0028 U	mg/L
AW-19	Compliance	E011	11/04/2025	Cobalt, total	0.0008 J	mg/L
AW-19	Compliance	E011	11/04/2025	Dissolved Oxygen	1.90	mg/L
AW-19	Compliance	E011	11/04/2025	Fluoride, total	0.270	mg/L
AW-19	Compliance	E011	11/04/2025	Lead, total	0.00039 J	mg/L
AW-19	Compliance	E011	11/04/2025	Lithium, total	0.011 J	mg/L
AW-19	Compliance	E011	11/04/2025	Mercury, total	0.00014 U	mg/L
AW-19	Compliance	E011	11/04/2025	Molybdenum, total	0.0150	mg/L
AW-19	Compliance	E011	11/04/2025	Oxidation Reduction Potential	-83.0	mV
AW-19	Compliance	E011	11/04/2025	pH (field)	7.0	SU
AW-19	Compliance	E011	11/04/2025	Radium 226 + Radium 228, total	1.60	pCi/L
AW-19	Compliance	E011	11/04/2025	Selenium, total	0.00074 U	mg/L
AW-19	Compliance	E011	11/04/2025	Specific Conductance @ 25C (field)	1,246	micromhos/cm
AW-19	Compliance	E011	11/04/2025	Sulfate, total	57.0	mg/L
AW-19	Compliance	E011	11/04/2025	Temperature	18.4	degrees C
AW-19	Compliance	E011	11/04/2025	Thallium, total	0.00038 U	mg/L

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

Well ID	Well Type	Event	Date	Parameter	Result	Unit
AW-19	Compliance	E011	11/04/2025	Total Dissolved Solids	650	mg/L
AW-19	Compliance	E011	11/04/2025	Turbidity, field	23.2	NTU
AW-21	Compliance	E011	11/06/2025	Antimony, total	0.00043 U	mg/L
AW-21	Compliance	E011	11/06/2025	Arsenic, total	0.00081 J	mg/L
AW-21	Compliance	E011	11/06/2025	Barium, total	0.0530 J+	mg/L
AW-21	Compliance	E011	11/06/2025	Beryllium, total	0.00059 U	mg/L
AW-21	Compliance	E011	11/06/2025	Boron, total	11.0	mg/L
AW-21	Compliance	E011	11/06/2025	Cadmium, total	0.00074 U	mg/L
AW-21	Compliance	E011	11/06/2025	Calcium, total	120	mg/L
AW-21	Compliance	E011	11/06/2025	Chloride, total	81.0	mg/L
AW-21	Compliance	E011	11/06/2025	Chromium, total	0.0028 U	mg/L
AW-21	Compliance	E011	11/06/2025	Cobalt, total	0.00053 J	mg/L
AW-21	Compliance	E011	11/06/2025	Dissolved Oxygen	0	mg/L
AW-21	Compliance	E011	11/06/2025	Fluoride, total	0.342	mg/L
AW-21	Compliance	E011	11/06/2025	Lead, total	0.00022 U	mg/L
AW-21	Compliance	E011	11/06/2025	Lithium, total	0.0053 J	mg/L
AW-21	Compliance	E011	11/06/2025	Mercury, total	0.00014 U	mg/L
AW-21	Compliance	E011	11/06/2025	Molybdenum, total	0.0091 J	mg/L
AW-21	Compliance	E011	11/06/2025	Oxidation Reduction Potential	25.0	mV
AW-21	Compliance	E011	11/06/2025	pH (field)	8.2	SU
AW-21	Compliance	E011	11/06/2025	Radium 226 + Radium 228, total	0.780	pCi/L
AW-21	Compliance	E011	11/06/2025	Selenium, total	0.00074 U	mg/L
AW-21	Compliance	E011	11/06/2025	Specific Conductance @ 25C (field)	1,090	micromhos/cm
AW-21	Compliance	E011	11/06/2025	Sulfate, total	270	mg/L
AW-21	Compliance	E011	11/06/2025	Temperature	15.6	degrees C
AW-21	Compliance	E011	11/06/2025	Thallium, total	0.00038 U	mg/L
AW-21	Compliance	E011	11/06/2025	Total Dissolved Solids	710	mg/L
AW-21	Compliance	E011	11/06/2025	Turbidity, field	0 U	NTU

Notes:
C = Celsius
cm = centimeter
Events:
E011 = Quarter 4, 2025 sampling event
mg/L = milligrams per liter
mV = millivolts
NTU = Nephelometric Turbidity Units
pCi/L = picocuries per liter
Result Code (if applicable):
NR¹ = Parameter not analyzed.
NR² = Data has been rejected following data quality review.
NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS³ = The location was not accessible; therefore, a sample was not collected.
NS⁴ = The location could not be found; therefore, a sample was not collected.
NS⁵ = The location was damaged; therefore, a sample was not collected.
NS⁶ = Sampling pump could not yield a sample.
NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS⁸ = A sample was not collected.
PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.
Result qualifiers as defined in the United States Environmental Protection Agency’s *National Functional Guidelines for Inorganic Superfund Methods Data Review*, EPA 542-R-20-006. November 2020.:
J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+ = The result is an estimated quantity, but the result may be biased high.
U = The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate.
UJ = The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
SU = Standard Units

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AP07S	PMP	E008	Antimony, total	mg/L	02/10/21 - 02/04/25	17	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AP07S	PMP	E008	Arsenic, total	mg/L	02/10/21 - 02/04/25	17	88	CI around median	0.001	0.0300	Background	No Exceedance
AP07S	PMP	E008	Barium, total	mg/L	02/10/21 - 02/04/25	17	0	CI around mean	0.0657	2.07	Background	No Exceedance
AP07S	PMP	E008	Beryllium, total	mg/L	02/10/21 - 02/04/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AP07S	PMP	E008	Boron, total	mg/L	02/10/21 - 02/04/25	17	0	CB around linear reg	9.07	2	Standard	Exceedance
AP07S	PMP	E008	Cadmium, total	mg/L	02/10/21 - 02/04/25	17	88	CI around median	0.001	0.005	Standard	No Exceedance
AP07S	PMP	E008	Chloride, total	mg/L	02/10/21 - 02/04/25	17	0	CI around median	73	200	Standard	No Exceedance
AP07S	PMP	E008	Chromium, total	mg/L	02/10/21 - 02/04/25	17	76	CI around median	0.004	0.1	Standard	No Exceedance
AP07S	PMP	E008	Cobalt, total	mg/L	02/10/21 - 02/04/25	17	12	CI around mean	0.00208	0.0280	Background	No Exceedance
AP07S	PMP	E008	Fluoride, total	mg/L	02/10/21 - 02/04/25	17	65	CI around median	0.25	4.0	Standard	No Exceedance
AP07S	PMP	E008	Lead, total	mg/L	02/10/21 - 02/04/25	17	71	CI around median	0.001	0.0330	Background	No Exceedance
AP07S	PMP	E008	Lithium, total	mg/L	02/10/21 - 02/04/25	17	100	All ND - Last	0.02	0.0710	Background	No Exceedance
AP07S	PMP	E008	Mercury, total	mg/L	02/10/21 - 02/04/25	17	94	CI around median	0.0002	0.002	Standard	No Exceedance
AP07S	PMP	E008	Molybdenum, total	mg/L	02/10/21 - 02/04/25	17	53	CI around median	0.001	0.1	Standard	No Exceedance
AP07S	PMP	E008	pH (field)	SU	02/10/21 - 02/04/25	17	0	CI around mean	6.7/7.0	6.3/9.0	Background/Standard	No Exceedance
AP07S	PMP	E008	Radium 226 + Radium 228, total	pCi/L	02/10/21 - 02/04/25	17	0	CI around mean	0.638	9.60	Background	No Exceedance
AP07S	PMP	E008	Selenium, total	mg/L	02/10/21 - 02/04/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
AP07S	PMP	E008	Sulfate, total	mg/L	02/10/21 - 02/04/25	17	0	CI around mean	234	400	Standard	No Exceedance
AP07S	PMP	E008	Thallium, total	mg/L	02/10/21 - 02/04/25	17	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AP07S	PMP	E008	Total Dissolved Solids	mg/L	02/10/21 - 02/04/25	17	0	CI around mean	844	1,200	Standard	No Exceedance
AW-01	PMP	E008	Antimony, total	mg/L	11/18/22 - 01/31/25	12	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-01	PMP	E008	Arsenic, total	mg/L	11/18/22 - 01/31/25	12	0	CI around mean	0.00361	0.0300	Background	No Exceedance
AW-01	PMP	E008	Barium, total	mg/L	11/18/22 - 01/31/25	12	0	CI around mean	0.1	2.07	Background	No Exceedance
AW-01	PMP	E008	Beryllium, total	mg/L	11/18/22 - 01/31/25	12	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-01	PMP	E008	Boron, total	mg/L	11/18/22 - 01/31/25	12	0	CI around median	0.072	2	Standard	No Exceedance
AW-01	PMP	E008	Cadmium, total	mg/L	11/18/22 - 01/31/25	12	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-01	PMP	E008	Chloride, total	mg/L	11/18/22 - 01/31/25	12	0	CB around T-S line	-45.1	200	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-01	PMP	E008	Chromium, total	mg/L	11/18/22 - 01/31/25	12	83	CI around median	0.004	0.1	Standard	No Exceedance
AW-01	PMP	E008	Cobalt, total	mg/L	11/18/22 - 01/31/25	12	17	CI around mean	0.00273	0.0280	Background	No Exceedance
AW-01	PMP	E008	Fluoride, total	mg/L	11/18/22 - 01/31/25	12	58	CI around median	0.25	4.0	Standard	No Exceedance
AW-01	PMP	E008	Lead, total	mg/L	11/18/22 - 01/31/25	12	75	CI around median	0.001	0.0330	Background	No Exceedance
AW-01	PMP	E008	Lithium, total	mg/L	11/18/22 - 01/31/25	12	100	All ND - Last	0.02	0.0710	Background	No Exceedance
AW-01	PMP	E008	Mercury, total	mg/L	11/18/22 - 01/31/25	12	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
AW-01	PMP	E008	Molybdenum, total	mg/L	11/18/22 - 01/31/25	12	0	CI around mean	0.00281	0.1	Standard	No Exceedance
AW-01	PMP	E008	pH (field)	SU	11/18/22 - 01/31/25	12	0	CI around mean	6.7/7.0	6.3/9.0	Background/Standard	No Exceedance
AW-01	PMP	E008	Radium 226 + Radium 228, total	pCi/L	11/18/22 - 01/31/25	12	0	CI around median	0.288	9.60	Background	No Exceedance
AW-01	PMP	E008	Selenium, total	mg/L	11/18/22 - 01/31/25	12	92	CI around median	0.001	0.05	Standard	No Exceedance
AW-01	PMP	E008	Sulfate, total	mg/L	11/18/22 - 01/31/25	12	0	CI around median	41	400	Standard	No Exceedance
AW-01	PMP	E008	Thallium, total	mg/L	11/18/22 - 01/31/25	12	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-01	PMP	E008	Total Dissolved Solids	mg/L	11/18/22 - 01/31/25	12	0	CI around mean	741	1,200	Standard	No Exceedance
AW-05	UA	E008	Antimony, total	mg/L	11/09/15 - 02/06/25	21	95	Most recent sample	0.003	0.006	Standard	No Exceedance
AW-05	UA	E008	Arsenic, total	mg/L	11/09/15 - 02/06/25	21	0	CB around T-S line	-0.00638	0.0300	Background	No Exceedance
AW-05	UA	E008	Barium, total	mg/L	11/09/15 - 02/06/25	21	0	CB around linear reg	-0.024	2.07	Background	No Exceedance
AW-05	UA	E008	Beryllium, total	mg/L	11/09/15 - 02/06/25	20	90	CI around median	0.001	0.004	Standard	No Exceedance
AW-05	UA	E008	Boron, total	mg/L	11/09/15 - 02/06/25	22	0	CB around linear reg	5.15	2	Standard	Exceedance
AW-05	UA	E008	Cadmium, total	mg/L	11/09/15 - 02/06/25	21	90	CI around median	0.001	0.005	Standard	No Exceedance
AW-05	UA	E008	Chloride, total	mg/L	11/09/15 - 02/06/25	22	0	CB around T-S line	-76.4	200	Standard	No Exceedance
AW-05	UA	E008	Chromium, total	mg/L	11/09/15 - 02/06/25	21	43	CI around median	0.004	0.1	Standard	No Exceedance
AW-05	UA	E008	Cobalt, total	mg/L	11/09/15 - 02/06/25	21	29	CI around geomean	0.00311	0.0280	Background	No Exceedance
AW-05	UA	E008	Fluoride, total	mg/L	11/09/15 - 02/06/25	22	59	CI around median	0.25	4.0	Standard	No Exceedance
AW-05	UA	E008	Lead, total	mg/L	11/09/15 - 02/06/25	20	40	CI around median	0.001	0.0330	Background	No Exceedance
AW-05	UA	E008	Lithium, total	mg/L	11/09/15 - 02/06/25	21	43	CB around T-S line	-0.00016	0.0710	Background	No Exceedance
AW-05	UA	E008	Mercury, total	mg/L	11/09/15 - 02/06/25	21	95	CI around median	0.0002	0.002	Standard	No Exceedance
AW-05	UA	E008	Molybdenum, total	mg/L	11/09/15 - 02/06/25	21	0	CI around mean	0.00202	0.1	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-05	UA	E008	pH (field)	SU	11/09/15 - 02/06/25	22	0	CI around median	6.9/7.2	6.3/9.0	Background/Standard	No Exceedance
AW-05	UA	E008	Radium 226 + Radium 228, total	pCi/L	11/09/15 - 02/06/25	21	0	CI around geomean	0.553	9.60	Background	No Exceedance
AW-05	UA	E008	Selenium, total	mg/L	11/09/15 - 02/06/25	21	62	CB around T-S line	0.000794	0.05	Standard	No Exceedance
AW-05	UA	E008	Sulfate, total	mg/L	11/09/15 - 02/06/25	22	0	CB around T-S line	293	400	Standard	No Exceedance
AW-05	UA	E008	Thallium, total	mg/L	11/09/15 - 02/06/25	20	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-05	UA	E008	Total Dissolved Solids	mg/L	11/09/15 - 02/06/25	22	0	CI around geomean	1,050	1,200	Standard	No Exceedance
AW-06	UA	E008	Antimony, total	mg/L	11/10/15 - 02/03/25	22	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-06	UA	E008	Arsenic, total	mg/L	11/10/15 - 02/03/25	27	0	CI around geomean	0.00324	0.0300	Background	No Exceedance
AW-06	UA	E008	Barium, total	mg/L	11/10/15 - 02/03/25	27	0	CI around median	0.18	2.07	Background	No Exceedance
AW-06	UA	E008	Beryllium, total	mg/L	11/10/15 - 02/03/25	27	89	CI around median	0.001	0.004	Standard	No Exceedance
AW-06	UA	E008	Boron, total	mg/L	11/10/15 - 02/03/25	28	0	CB around T-S line	0.0336	2	Standard	No Exceedance
AW-06	UA	E008	Cadmium, total	mg/L	11/10/15 - 02/03/25	22	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-06	UA	E008	Chloride, total	mg/L	11/10/15 - 02/03/25	28	0	CI around median	34	200	Standard	No Exceedance
AW-06	UA	E008	Chromium, total	mg/L	11/10/15 - 02/03/25	27	59	CB around T-S line	-0.00383	0.1	Standard	No Exceedance
AW-06	UA	E008	Cobalt, total	mg/L	11/10/15 - 02/03/25	27	63	CB around T-S line	-0.00106	0.0280	Background	No Exceedance
AW-06	UA	E008	Fluoride, total	mg/L	11/10/15 - 02/03/25	28	7	CB around T-S line	0.223	4.0	Standard	No Exceedance
AW-06	UA	E008	Lead, total	mg/L	11/10/15 - 02/03/25	27	44	CB around T-S line	-0.00312	0.0330	Background	No Exceedance
AW-06	UA	E008	Lithium, total	mg/L	11/10/15 - 02/03/25	27	56	CI around median	0.02	0.0710	Background	No Exceedance
AW-06	UA	E008	Mercury, total	mg/L	11/10/15 - 02/03/25	22	96	CI around median	0.0002	0.002	Standard	No Exceedance
AW-06	UA	E008	Molybdenum, total	mg/L	11/10/15 - 02/03/25	27	0	CI around mean	0.005	0.1	Standard	No Exceedance
AW-06	UA	E008	pH (field)	SU	11/10/15 - 02/03/25	28	0	CI around median	7.1/7.3	6.3/9.0	Background/Standard	No Exceedance
AW-06	UA	E008	Radium 226 + Radium 228, total	pCi/L	11/10/15 - 02/03/25	27	0	CI around mean	0.692	9.60	Background	No Exceedance
AW-06	UA	E008	Selenium, total	mg/L	11/10/15 - 02/03/25	27	78	CI around median	0.001	0.05	Standard	No Exceedance
AW-06	UA	E008	Sulfate, total	mg/L	11/10/15 - 02/03/25	28	0	CB around linear reg	17.4	400	Standard	No Exceedance
AW-06	UA	E008	Thallium, total	mg/L	11/10/15 - 02/03/25	22	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-06	UA	E008	Total Dissolved Solids	mg/L	11/10/15 - 02/03/25	28	0	CI around mean	520	1,200	Standard	No Exceedance
AW-09	UA	E008	Antimony, total	mg/L	11/10/15 - 02/04/25	22	100	All ND - Last	0.003	0.006	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-09	UA	E008	Arsenic, total	mg/L	11/10/15 - 02/04/25	27	11	CI around mean	0.013	0.0300	Background	No Exceedance
AW-09	UA	E008	Barium, total	mg/L	11/10/15 - 02/04/25	27	0	CI around geomean	0.307	2.07	Background	No Exceedance
AW-09	UA	E008	Beryllium, total	mg/L	11/10/15 - 02/04/25	27	85	CB around T-S line	0.000465	0.004	Standard	No Exceedance
AW-09	UA	E008	Boron, total	mg/L	11/10/15 - 02/04/25	28	0	CB around linear reg	-0.0452	2	Standard	No Exceedance
AW-09	UA	E008	Cadmium, total	mg/L	11/10/15 - 02/04/25	22	91	CI around median	0.001	0.005	Standard	No Exceedance
AW-09	UA	E008	Chloride, total	mg/L	11/10/15 - 02/04/25	28	0	CB around T-S line	23.9	200	Standard	No Exceedance
AW-09	UA	E008	Chromium, total	mg/L	11/10/15 - 02/04/25	27	63	CB around T-S line	-0.0347	0.1	Standard	No Exceedance
AW-09	UA	E008	Cobalt, total	mg/L	11/10/15 - 02/04/25	27	7	CB around T-S line	-0.0201	0.0280	Background	No Exceedance
AW-09	UA	E008	Fluoride, total	mg/L	11/10/15 - 02/04/25	28	68	CB around T-S line	0.192	4.0	Standard	No Exceedance
AW-09	UA	E008	Lead, total	mg/L	11/10/15 - 02/04/25	27	52	CB around T-S line	-0.0222	0.0330	Background	No Exceedance
AW-09	UA	E008	Lithium, total	mg/L	11/10/15 - 02/04/25	27	41	CB around T-S line	-0.03	0.0710	Background	No Exceedance
AW-09	UA	E008	Mercury, total	mg/L	11/10/15 - 02/04/25	22	96	CI around median	0.0002	0.002	Standard	No Exceedance
AW-09	UA	E008	Molybdenum, total	mg/L	11/10/15 - 02/04/25	27	0	CI around mean	0.0145	0.1	Standard	No Exceedance
AW-09	UA	E008	pH (field)	SU	11/10/15 - 02/04/25	28	0	CI around median	6.9/7.0	6.3/9.0	Background/Standard	No Exceedance
AW-09	UA	E008	Radium 226 + Radium 228, total	pCi/L	11/10/15 - 02/04/25	27	0	CI around median	0.791	9.60	Background	No Exceedance
AW-09	UA	E008	Selenium, total	mg/L	11/10/15 - 02/04/25	27	70	CB around T-S line	-0.000916	0.05	Standard	No Exceedance
AW-09	UA	E008	Sulfate, total	mg/L	11/10/15 - 02/04/25	28	61	CB around T-S line	-21.3	400	Standard	No Exceedance
AW-09	UA	E008	Thallium, total	mg/L	11/10/15 - 02/04/25	22	96	CI around median	0.001	0.002	Standard	No Exceedance
AW-09	UA	E008	Total Dissolved Solids	mg/L	11/10/15 - 02/04/25	28	0	CB around T-S line	772	1,200	Standard	No Exceedance
AW-10	UA	E008	Antimony, total	mg/L	11/09/15 - 02/05/25	23	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-10	UA	E008	Arsenic, total	mg/L	11/09/15 - 02/05/25	28	0	CI around median	0.0097	0.0300	Background	No Exceedance
AW-10	UA	E008	Barium, total	mg/L	11/09/15 - 02/05/25	28	0	CI around median	0.9	2.07	Background	No Exceedance
AW-10	UA	E008	Beryllium, total	mg/L	11/09/15 - 02/05/25	28	79	CI around median	0.001	0.004	Standard	No Exceedance
AW-10	UA	E008	Boron, total	mg/L	11/09/15 - 02/05/25	29	0	CI around mean	0.462	2	Standard	No Exceedance
AW-10	UA	E008	Cadmium, total	mg/L	11/09/15 - 02/05/25	23	96	CI around median	0.001	0.005	Standard	No Exceedance
AW-10	UA	E008	Chloride, total	mg/L	11/09/15 - 02/05/25	29	0	CI around mean	86.8	200	Standard	No Exceedance
AW-10	UA	E008	Chromium, total	mg/L	11/09/15 - 02/05/25	28	32	CI around median	0.004	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-10	UA	E008	Cobalt, total	mg/L	11/09/15 - 02/05/25	28	4	CI around geomean	0.00415	0.0280	Background	No Exceedance
AW-10	UA	E008	Fluoride, total	mg/L	11/09/15 - 02/05/25	29	97	CI around median	0.25	4.0	Standard	No Exceedance
AW-10	UA	E008	Lead, total	mg/L	11/09/15 - 02/05/25	28	11	CI around geomean	0.00232	0.0330	Background	No Exceedance
AW-10	UA	E008	Lithium, total	mg/L	11/09/15 - 02/05/25	28	0	CB around T-S line	-0.00665	0.0710	Background	No Exceedance
AW-10	UA	E008	Mercury, total	mg/L	11/09/15 - 02/05/25	23	96	CI around median	0.0002	0.002	Standard	No Exceedance
AW-10	UA	E008	Molybdenum, total	mg/L	11/09/15 - 02/05/25	28	21	CI around median	0.0012	0.1	Standard	No Exceedance
AW-10	UA	E008	pH (field)	SU	11/09/15 - 02/05/25	30	0	CI around median	7.0/7.1	6.3/9.0	Background/Standard	No Exceedance
AW-10	UA	E008	Radium 226 + Radium 228, total	pCi/L	11/09/15 - 02/05/25	28	0	CI around geomean	2.14	9.60	Background	No Exceedance
AW-10	UA	E008	Selenium, total	mg/L	11/09/15 - 02/05/25	28	68	CB around T-S line	-0.00003	0.05	Standard	No Exceedance
AW-10	UA	E008	Sulfate, total	mg/L	11/09/15 - 02/05/25	29	83	CB around T-S line	1	400	Standard	No Exceedance
AW-10	UA	E008	Thallium, total	mg/L	11/09/15 - 02/05/25	23	96	CI around median	0.001	0.002	Standard	No Exceedance
AW-10	UA	E008	Total Dissolved Solids	mg/L	11/09/15 - 02/05/25	29	0	CI around median	1,100	1,200	Standard	No Exceedance
AW-11	UA	E008	Antimony, total	mg/L	11/09/15 - 02/04/25	22	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-11	UA	E008	Arsenic, total	mg/L	11/09/15 - 02/04/25	27	0	CI around geomean	0.00902	0.0300	Background	No Exceedance
AW-11	UA	E008	Barium, total	mg/L	11/09/15 - 02/04/25	27	0	CI around median	0.84	2.07	Background	No Exceedance
AW-11	UA	E008	Beryllium, total	mg/L	11/09/15 - 02/04/25	27	82	CI around median	0.001	0.004	Standard	No Exceedance
AW-11	UA	E008	Boron, total	mg/L	11/09/15 - 02/04/25	28	0	CI around mean	0.226	2	Standard	No Exceedance
AW-11	UA	E008	Cadmium, total	mg/L	11/09/15 - 02/04/25	22	86	CI around median	0.001	0.005	Standard	No Exceedance
AW-11	UA	E008	Chloride, total	mg/L	11/09/15 - 02/04/25	28	0	CI around mean	31.7	200	Standard	No Exceedance
AW-11	UA	E008	Chromium, total	mg/L	11/09/15 - 02/04/25	27	59	CB around T-S line	-0.0182	0.1	Standard	No Exceedance
AW-11	UA	E008	Cobalt, total	mg/L	11/09/15 - 02/04/25	27	37	CB around T-S line	-0.00677	0.0280	Background	No Exceedance
AW-11	UA	E008	Fluoride, total	mg/L	11/09/15 - 02/04/25	28	89	CI around median	0.25	4.0	Standard	No Exceedance
AW-11	UA	E008	Lead, total	mg/L	11/09/15 - 02/04/25	27	44	CB around T-S line	-0.00865	0.0330	Background	No Exceedance
AW-11	UA	E008	Lithium, total	mg/L	11/09/15 - 02/04/25	27	18	CB around T-S line	-0.0108	0.0710	Background	No Exceedance
AW-11	UA	E008	Mercury, total	mg/L	11/09/15 - 02/04/25	22	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
AW-11	UA	E008	Molybdenum, total	mg/L	11/09/15 - 02/04/25	27	15	CB around linear reg	-0.00144	0.1	Standard	No Exceedance
AW-11	UA	E008	pH (field)	SU	11/09/15 - 02/04/25	28	0	CI around median	6.9/7.2	6.3/9.0	Background/Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-11	UA	E008	Radium 226 + Radium 228, total	pCi/L	11/09/15 - 02/04/25	27	0	CI around geomean	1.62	9.60	Background	No Exceedance
AW-11	UA	E008	Selenium, total	mg/L	11/09/15 - 02/04/25	27	74	CB around T-S line	0.000269	0.05	Standard	No Exceedance
AW-11	UA	E008	Sulfate, total	mg/L	11/09/15 - 02/04/25	28	71	CB around T-S line	0.22	400	Standard	No Exceedance
AW-11	UA	E008	Thallium, total	mg/L	11/09/15 - 02/04/25	22	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-11	UA	E008	Total Dissolved Solids	mg/L	11/09/15 - 02/04/25	28	0	CB around T-S line	942	1,200	Standard	No Exceedance
AW-14	UA	E008	Antimony, total	mg/L	02/11/21 - 02/04/25	16	94	CI around median	0.003	0.006	Standard	No Exceedance
AW-14	UA	E008	Arsenic, total	mg/L	02/11/21 - 02/04/25	16	0	CB around T-S line	-0.00183	0.0300	Background	No Exceedance
AW-14	UA	E008	Barium, total	mg/L	02/11/21 - 02/04/25	16	0	CI around mean	0.62	2.07	Background	No Exceedance
AW-14	UA	E008	Beryllium, total	mg/L	02/11/21 - 02/04/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-14	UA	E008	Boron, total	mg/L	02/11/21 - 02/04/25	16	0	CI around median	0.18	2	Standard	No Exceedance
AW-14	UA	E008	Cadmium, total	mg/L	02/11/21 - 02/04/25	16	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-14	UA	E008	Chloride, total	mg/L	02/11/21 - 02/04/25	16	0	CI around median	24	200	Standard	No Exceedance
AW-14	UA	E008	Chromium, total	mg/L	02/11/21 - 02/04/25	16	94	CI around median	0.004	0.1	Standard	No Exceedance
AW-14	UA	E008	Cobalt, total	mg/L	02/11/21 - 02/04/25	16	38	CB around T-S line	-0.00866	0.0280	Background	No Exceedance
AW-14	UA	E008	Fluoride, total	mg/L	02/11/21 - 02/04/25	16	75	CI around median	0.25	4.0	Standard	No Exceedance
AW-14	UA	E008	Lead, total	mg/L	02/11/21 - 02/04/25	16	75	CI around median	0.001	0.0330	Background	No Exceedance
AW-14	UA	E008	Lithium, total	mg/L	02/11/21 - 02/04/25	16	69	CB around T-S line	0.0129	0.0710	Background	No Exceedance
AW-14	UA	E008	Mercury, total	mg/L	02/11/21 - 02/04/25	16	94	CI around median	0.0002	0.002	Standard	No Exceedance
AW-14	UA	E008	Molybdenum, total	mg/L	02/11/21 - 02/04/25	16	38	CI around median	0.001	0.1	Standard	No Exceedance
AW-14	UA	E008	pH (field)	SU	02/11/21 - 02/04/25	16	0	CI around median	6.8/7.0	6.3/9.0	Background/Standard	No Exceedance
AW-14	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 02/04/25	16	0	CI around mean	2.1	9.60	Background	No Exceedance
AW-14	UA	E008	Selenium, total	mg/L	02/11/21 - 02/04/25	16	88	CI around median	0.001	0.05	Standard	No Exceedance
AW-14	UA	E008	Sulfate, total	mg/L	02/11/21 - 02/04/25	16	12	CI around geomean	1.8	400	Standard	No Exceedance
AW-14	UA	E008	Thallium, total	mg/L	02/11/21 - 02/04/25	16	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-14	UA	E008	Total Dissolved Solids	mg/L	02/11/21 - 02/04/25	16	0	CI around median	960	1,200	Standard	No Exceedance
AW-15	UA	E008	Antimony, total	mg/L	02/12/21 - 02/04/25	14	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-15	UA	E008	Arsenic, total	mg/L	02/12/21 - 02/04/25	14	7	CI around mean	0.00149	0.0300	Background	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-15	UA	E008	Barium, total	mg/L	02/12/21 - 02/04/25	14	0	CI around mean	1.66	2.07	Background	No Exceedance
AW-15	UA	E008	Beryllium, total	mg/L	02/12/21 - 02/04/25	14	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-15	UA	E008	Boron, total	mg/L	02/12/21 - 02/04/25	14	0	CI around mean	0.35	2	Standard	No Exceedance
AW-15	UA	E008	Cadmium, total	mg/L	02/12/21 - 02/04/25	14	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-15	UA	E008	Chloride, total	mg/L	02/12/21 - 02/04/25	14	0	CI around geomean	33.7	200	Standard	No Exceedance
AW-15	UA	E008	Chromium, total	mg/L	02/12/21 - 02/04/25	14	100	All ND - Last	0.004	0.1	Standard	No Exceedance
AW-15	UA	E008	Cobalt, total	mg/L	02/12/21 - 02/04/25	14	93	CI around median	0.002	0.0280	Background	No Exceedance
AW-15	UA	E008	Fluoride, total	mg/L	02/12/21 - 02/04/25	14	86	CI around median	0.25	4.0	Standard	No Exceedance
AW-15	UA	E008	Lead, total	mg/L	02/12/21 - 02/04/25	14	100	All ND - Last	0.001	0.0330	Background	No Exceedance
AW-15	UA	E008	Lithium, total	mg/L	02/12/21 - 02/04/25	14	0	CI around mean	0.0291	0.0710	Background	No Exceedance
AW-15	UA	E008	Mercury, total	mg/L	02/12/21 - 02/04/25	14	93	CI around median	0.0002	0.002	Standard	No Exceedance
AW-15	UA	E008	Molybdenum, total	mg/L	02/12/21 - 02/04/25	14	86	CI around median	0.001	0.1	Standard	No Exceedance
AW-15	UA	E008	pH (field)	SU	02/12/21 - 02/04/25	13	0	CI around median	6.7/7.0	6.3/9.0	Background/Standard	No Exceedance
AW-15	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/12/21 - 02/04/25	14	0	CI around mean	3.83	9.60	Background	No Exceedance
AW-15	UA	E008	Selenium, total	mg/L	02/12/21 - 02/04/25	14	100	All ND - Last	0.001	0.05	Standard	No Exceedance
AW-15	UA	E008	Sulfate, total	mg/L	02/12/21 - 02/04/25	14	93	Most recent sample	1	400	Standard	No Exceedance
AW-15	UA	E008	Thallium, total	mg/L	02/12/21 - 02/04/25	14	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-15	UA	E008	Total Dissolved Solids	mg/L	02/12/21 - 02/04/25	14	0	CI around mean	945	1,200	Standard	No Exceedance
AW-15S	PMP	E008	Antimony, total	mg/L	02/12/21 - 02/04/25	17	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-15S	PMP	E008	Arsenic, total	mg/L	02/12/21 - 02/04/25	17	71	CI around median	0.001	0.0300	Background	No Exceedance
AW-15S	PMP	E008	Barium, total	mg/L	02/12/21 - 02/04/25	17	0	CB around T-S line	-0.0494	2.07	Background	No Exceedance
AW-15S	PMP	E008	Beryllium, total	mg/L	02/12/21 - 02/04/25	17	94	CI around median	0.001	0.004	Standard	No Exceedance
AW-15S	PMP	E008	Boron, total	mg/L	02/12/21 - 02/04/25	17	0	CI around mean	5.63	2	Standard	Exceedance
AW-15S	PMP	E008	Cadmium, total	mg/L	02/12/21 - 02/04/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-15S	PMP	E008	Chloride, total	mg/L	02/12/21 - 02/04/25	17	0	CB around linear reg	21.8	200	Standard	No Exceedance
AW-15S	PMP	E008	Chromium, total	mg/L	02/12/21 - 02/04/25	17	94	CI around median	0.004	0.1	Standard	No Exceedance
AW-15S	PMP	E008	Cobalt, total	mg/L	02/12/21 - 02/04/25	17	94	CI around median	0.002	0.0280	Background	No Exceedance

TABLE 2.
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EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-15S	PMP	E008	Fluoride, total	mg/L	02/12/21 - 02/04/25	17	35	CI around median	0.25	4.0	Standard	No Exceedance
AW-15S	PMP	E008	Lead, total	mg/L	02/12/21 - 02/04/25	17	88	CI around median	0.001	0.0330	Background	No Exceedance
AW-15S	PMP	E008	Lithium, total	mg/L	02/12/21 - 02/04/25	17	88	CI around median	0.02	0.0710	Background	No Exceedance
AW-15S	PMP	E008	Mercury, total	mg/L	02/12/21 - 02/04/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
AW-15S	PMP	E008	Molybdenum, total	mg/L	02/12/21 - 02/04/25	17	0	CB around linear reg	0.00208	0.1	Standard	No Exceedance
AW-15S	PMP	E008	pH (field)	SU	02/12/21 - 02/04/25	17	0	CI around median	6.7/7.0	6.3/9.0	Background/Standard	No Exceedance
AW-15S	PMP	E008	Radium 226 + Radium 228, total	pCi/L	02/12/21 - 02/04/25	16	0	CI around mean	0.499	9.60	Background	No Exceedance
AW-15S	PMP	E008	Selenium, total	mg/L	02/12/21 - 02/04/25	17	47	CI around median	0.001	0.05	Standard	No Exceedance
AW-15S	PMP	E008	Sulfate, total	mg/L	02/12/21 - 02/04/25	17	0	CI around mean	522	400	Standard	Exceedance
AW-15S	PMP	E008	Thallium, total	mg/L	02/12/21 - 02/04/25	17	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-15S	PMP	E008	Total Dissolved Solids	mg/L	02/12/21 - 02/04/25	17	0	CI around median	1,200	1,200	Standard	No Exceedance
AW-16	UA	E008	Antimony, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-16	UA	E008	Arsenic, total	mg/L	02/11/21 - 01/31/25	17	18	CI around mean	0.00103	0.0300	Background	No Exceedance
AW-16	UA	E008	Barium, total	mg/L	02/11/21 - 01/31/25	17	0	CB around linear reg	0.961	2.07	Background	No Exceedance
AW-16	UA	E008	Beryllium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-16	UA	E008	Boron, total	mg/L	02/11/21 - 01/31/25	17	0	CB around linear reg	0.382	2	Standard	No Exceedance
AW-16	UA	E008	Cadmium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-16	UA	E008	Chloride, total	mg/L	02/11/21 - 01/31/25	17	0	CB around linear reg	42.2	200	Standard	No Exceedance
AW-16	UA	E008	Chromium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.004	0.1	Standard	No Exceedance
AW-16	UA	E008	Cobalt, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.002	0.0280	Background	No Exceedance
AW-16	UA	E008	Fluoride, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.25	4.0	Standard	No Exceedance
AW-16	UA	E008	Lead, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.0330	Background	No Exceedance
AW-16	UA	E008	Lithium, total	mg/L	02/11/21 - 01/31/25	17	0	CB around T-S line	0.0173	0.0710	Background	No Exceedance
AW-16	UA	E008	Mercury, total	mg/L	02/11/21 - 01/31/25	17	94	CI around median	0.0002	0.002	Standard	No Exceedance
AW-16	UA	E008	Molybdenum, total	mg/L	02/11/21 - 01/31/25	17	94	CI around median	0.001	0.1	Standard	No Exceedance
AW-16	UA	E008	pH (field)	SU	02/11/21 - 01/31/25	17	0	CI around mean	6.6/6.8	6.3/9.0	Background/Standard	No Exceedance
AW-16	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 01/31/25	17	0	CB around linear reg	1.77	9.60	Background	No Exceedance

TABLE 2.
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EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-16	UA	E008	Selenium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
AW-16	UA	E008	Sulfate, total	mg/L	02/11/21 - 01/31/25	17	88	CI around median	1	400	Standard	No Exceedance
AW-16	UA	E008	Thallium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-16	UA	E008	Total Dissolved Solids	mg/L	02/11/21 - 01/31/25	17	0	CI around geomean	1,090	1,200	Standard	No Exceedance
AW-17	UA	E008	Antimony, total	mg/L	02/11/21 - 02/04/25	17	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-17	UA	E008	Arsenic, total	mg/L	02/11/21 - 02/04/25	17	0	CB around linear reg	0.00239	0.0300	Background	No Exceedance
AW-17	UA	E008	Barium, total	mg/L	02/11/21 - 02/04/25	17	0	CI around mean	1.02	2.07	Background	No Exceedance
AW-17	UA	E008	Beryllium, total	mg/L	02/11/21 - 02/04/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-17	UA	E008	Boron, total	mg/L	02/11/21 - 02/04/25	17	0	CI around mean	0.412	2	Standard	No Exceedance
AW-17	UA	E008	Cadmium, total	mg/L	02/11/21 - 02/04/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-17	UA	E008	Chloride, total	mg/L	02/11/21 - 02/04/25	17	0	CB around linear reg	46.4	200	Standard	No Exceedance
AW-17	UA	E008	Chromium, total	mg/L	02/11/21 - 02/04/25	17	76	CI around median	0.004	0.1	Standard	No Exceedance
AW-17	UA	E008	Cobalt, total	mg/L	02/11/21 - 02/04/25	17	18	CB around linear reg	0.000311	0.0280	Background	No Exceedance
AW-17	UA	E008	Fluoride, total	mg/L	02/11/21 - 02/04/25	17	94	CI around median	0.25	4.0	Standard	No Exceedance
AW-17	UA	E008	Lead, total	mg/L	02/11/21 - 02/04/25	17	76	CI around median	0.001	0.0330	Background	No Exceedance
AW-17	UA	E008	Lithium, total	mg/L	02/11/21 - 02/04/25	17	0	CB around linear reg	0.00886	0.0710	Background	No Exceedance
AW-17	UA	E008	Mercury, total	mg/L	02/11/21 - 02/04/25	17	94	CI around median	0.0002	0.002	Standard	No Exceedance
AW-17	UA	E008	Molybdenum, total	mg/L	02/11/21 - 02/04/25	17	59	CB around T-S line	-0.00102	0.1	Standard	No Exceedance
AW-17	UA	E008	pH (field)	SU	02/11/21 - 02/04/25	17	0	CI around mean	6.7/7.0	6.3/9.0	Background/Standard	No Exceedance
AW-17	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 02/04/25	17	0	CI around mean	2.53	9.60	Background	No Exceedance
AW-17	UA	E008	Selenium, total	mg/L	02/11/21 - 02/04/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
AW-17	UA	E008	Sulfate, total	mg/L	02/11/21 - 02/04/25	17	100	All ND - Last	1	400	Standard	No Exceedance
AW-17	UA	E008	Thallium, total	mg/L	02/11/21 - 02/04/25	17	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-17	UA	E008	Total Dissolved Solids	mg/L	02/11/21 - 02/04/25	17	0	CI around mean	858	1,200	Standard	No Exceedance
AW-18	UA	E008	Antimony, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-18	UA	E008	Arsenic, total	mg/L	02/11/21 - 01/31/25	17	0	CB around T-S line	-0.00218	0.0300	Background	No Exceedance
AW-18	UA	E008	Barium, total	mg/L	02/11/21 - 01/31/25	17	0	CB around linear reg	1.18	2.07	Background	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-18	UA	E008	Beryllium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-18	UA	E008	Boron, total	mg/L	02/11/21 - 01/31/25	17	0	CI around mean	0.687	2	Standard	No Exceedance
AW-18	UA	E008	Cadmium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-18	UA	E008	Chloride, total	mg/L	02/11/21 - 01/31/25	17	0	CI around mean	77.2	200	Standard	No Exceedance
AW-18	UA	E008	Chromium, total	mg/L	02/11/21 - 01/31/25	17	88	CI around median	0.004	0.1	Standard	No Exceedance
AW-18	UA	E008	Cobalt, total	mg/L	02/11/21 - 01/31/25	17	82	CI around median	0.002	0.0280	Background	No Exceedance
AW-18	UA	E008	Fluoride, total	mg/L	02/11/21 - 01/31/25	17	65	CB around T-S line	-3.48	4.0	Standard	No Exceedance
AW-18	UA	E008	Lead, total	mg/L	02/11/21 - 01/31/25	17	82	CI around median	0.001	0.0330	Background	No Exceedance
AW-18	UA	E008	Lithium, total	mg/L	02/11/21 - 01/31/25	17	6	CB around linear reg	-0.0211	0.0710	Background	No Exceedance
AW-18	UA	E008	Mercury, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
AW-18	UA	E008	Molybdenum, total	mg/L	02/11/21 - 01/31/25	17	0	CB around linear reg	-0.00913	0.1	Standard	No Exceedance
AW-18	UA	E008	pH (field)	SU	02/11/21 - 01/31/25	17	0	CI around mean	6.7/6.9	6.3/9.0	Background/Standard	No Exceedance
AW-18	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 01/31/25	17	0	CI around mean	2.56	9.60	Background	No Exceedance
AW-18	UA	E008	Selenium, total	mg/L	02/11/21 - 01/31/25	17	94	CI around median	0.001	0.05	Standard	No Exceedance
AW-18	UA	E008	Sulfate, total	mg/L	02/11/21 - 01/31/25	17	0	CI around geomean	4.51	400	Standard	No Exceedance
AW-18	UA	E008	Thallium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-18	UA	E008	Total Dissolved Solids	mg/L	02/11/21 - 01/31/25	17	0	CI around mean	816	1,200	Standard	No Exceedance
AW-19	UA	E008	Antimony, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-19	UA	E008	Arsenic, total	mg/L	02/11/21 - 01/31/25	17	0	CI around mean	0.0114	0.0300	Background	No Exceedance
AW-19	UA	E008	Barium, total	mg/L	02/11/21 - 01/31/25	17	0	CI around median	0.18	2.07	Background	No Exceedance
AW-19	UA	E008	Beryllium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-19	UA	E008	Boron, total	mg/L	02/11/21 - 01/31/25	17	0	CB around linear reg	2.85	2	Standard	Exceedance
AW-19	UA	E008	Cadmium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-19	UA	E008	Chloride, total	mg/L	02/11/21 - 01/31/25	17	0	CI around mean	76	200	Standard	No Exceedance
AW-19	UA	E008	Chromium, total	mg/L	02/11/21 - 01/31/25	17	76	CI around median	0.004	0.1	Standard	No Exceedance
AW-19	UA	E008	Cobalt, total	mg/L	02/11/21 - 01/31/25	17	76	CI around median	0.002	0.0280	Background	No Exceedance
AW-19	UA	E008	Fluoride, total	mg/L	02/11/21 - 01/31/25	17	29	CB around linear reg	0.183	4.0	Standard	No Exceedance

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EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-19	UA	E008	Lead, total	mg/L	02/11/21 - 01/31/25	17	59	CI around median	0.001	0.0330	Background	No Exceedance
AW-19	UA	E008	Lithium, total	mg/L	02/11/21 - 01/31/25	17	76	CB around T-S line	0.00965	0.0710	Background	No Exceedance
AW-19	UA	E008	Mercury, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
AW-19	UA	E008	Molybdenum, total	mg/L	02/11/21 - 01/31/25	17	0	CI around median	0.0036	0.1	Standard	No Exceedance
AW-19	UA	E008	pH (field)	SU	02/11/21 - 01/31/25	17	0	CI around mean	6.8/7.1	6.3/9.0	Background/Standard	No Exceedance
AW-19	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 01/31/25	17	0	CI around mean	0.572	9.60	Background	No Exceedance
AW-19	UA	E008	Selenium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.05	Standard	No Exceedance
AW-19	UA	E008	Sulfate, total	mg/L	02/11/21 - 01/31/25	17	0	CB around linear reg	54.2	400	Standard	No Exceedance
AW-19	UA	E008	Thallium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-19	UA	E008	Total Dissolved Solids	mg/L	02/11/21 - 01/31/25	17	0	CI around mean	578	1,200	Standard	No Exceedance
AW-21	UA	E008	Antimony, total	mg/L	02/11/21 - 02/03/25	17	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-21	UA	E008	Arsenic, total	mg/L	02/11/21 - 02/03/25	17	18	CI around geomean	0.00113	0.0300	Background	No Exceedance
AW-21	UA	E008	Barium, total	mg/L	02/11/21 - 02/03/25	17	0	CB around linear reg	0.0448	2.07	Background	No Exceedance
AW-21	UA	E008	Beryllium, total	mg/L	02/11/21 - 02/03/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-21	UA	E008	Boron, total	mg/L	02/11/21 - 02/03/25	17	0	CI around mean	10.2	2	Standard	Exceedance
AW-21	UA	E008	Cadmium, total	mg/L	02/11/21 - 02/03/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-21	UA	E008	Chloride, total	mg/L	02/11/21 - 02/03/25	17	0	CB around linear reg	65.5	200	Standard	No Exceedance
AW-21	UA	E008	Chromium, total	mg/L	02/11/21 - 02/03/25	17	100	All ND - Last	0.004	0.1	Standard	No Exceedance
AW-21	UA	E008	Cobalt, total	mg/L	02/11/21 - 02/03/25	17	100	All ND - Last	0.002	0.0280	Background	No Exceedance
AW-21	UA	E008	Fluoride, total	mg/L	02/11/21 - 02/03/25	17	6	CB around linear reg	0.127	4.0	Standard	No Exceedance
AW-21	UA	E008	Lead, total	mg/L	02/11/21 - 02/03/25	17	94	CI around median	0.001	0.0330	Background	No Exceedance
AW-21	UA	E008	Lithium, total	mg/L	02/11/21 - 02/03/25	17	100	All ND - Last	0.02	0.0710	Background	No Exceedance
AW-21	UA	E008	Mercury, total	mg/L	02/11/21 - 02/03/25	17	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
AW-21	UA	E008	Molybdenum, total	mg/L	02/11/21 - 02/03/25	17	0	CI around mean	0.0175	0.1	Standard	No Exceedance
AW-21	UA	E008	pH (field)	SU	02/11/21 - 02/03/25	17	0	CI around median	7.2/7.3	6.3/9.0	Background/Standard	No Exceedance
AW-21	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 02/03/25	17	0	CI around mean	0.57	9.60	Background	No Exceedance
AW-21	UA	E008	Selenium, total	mg/L	02/11/21 - 02/03/25	17	59	CI around median	0.001	0.05	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 1, 2025
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-21	UA	E008	Sulfate, total	mg/L	02/11/21 - 02/03/25	17	0	CI around median	230	400	Standard	No Exceedance
AW-21	UA	E008	Thallium, total	mg/L	02/11/21 - 02/03/25	17	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-21	UA	E008	Total Dissolved Solids	mg/L	02/11/21 - 02/03/25	17	0	CI around mean	650	1,200	Standard	No Exceedance

Notes:
Compliance Result:
No Exceedance: the statistical result did not exceed the GWPS.
Exceedance: The statistical result exceeded the GWPS.

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

Events:
E008 = Quarter 1, 2025 sampling event
HSU = hydrostratigraphic unit:
PMP = Potential Migration Pathway
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
Most recent sample = Result for the most recently collected sample used due to insufficient data
Statistical Result = calculated in accordance with the Statistical Analysis Plan using constituent concentrations observed at each monitoring well during all sampling events within the specified date range
Statistical Result Code (if applicable):
NR¹ = Parameter not analyzed.
NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS³ = The location was not accessible; therefore, a sample was not collected.
NS⁴ = The location could not be found; therefore, a sample was not collected.
NS⁵ = The location was damaged; therefore, a sample was not collected.
NS⁶ = Sampling pump could not yield a sample.
NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS⁸ = A sample was not collected.
PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.
For pH, the values presented are the lower / upper limits
GWPS Source:
Background = background concentration
Standard = standard specified in 35 I.A.C. § 845.600(a)(1)

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AP07S	PMP	E009	Antimony, total	mg/L	02/10/21 - 04/23/25	18	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AP07S	PMP	E009	Arsenic, total	mg/L	02/10/21 - 04/23/25	18	89	CI around median	0.001	0.0300	Background	No Exceedance
AP07S	PMP	E009	Barium, total	mg/L	02/10/21 - 04/23/25	18	0	CB around linear reg	0.0167	2.07	Background	No Exceedance
AP07S	PMP	E009	Beryllium, total	mg/L	02/10/21 - 04/23/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AP07S	PMP	E009	Boron, total	mg/L	02/10/21 - 04/23/25	18	0	CB around linear reg	8.4	2	Standard	Exceedance
AP07S	PMP	E009	Cadmium, total	mg/L	02/10/21 - 04/23/25	18	89	CI around median	0.001	0.005	Standard	No Exceedance
AP07S	PMP	E009	Chloride, total	mg/L	02/10/21 - 04/23/25	18	0	CI around median	73	200	Standard	No Exceedance
AP07S	PMP	E009	Chromium, total	mg/L	02/10/21 - 04/23/25	18	78	CI around median	0.004	0.1	Standard	No Exceedance
AP07S	PMP	E009	Cobalt, total	mg/L	02/10/21 - 04/23/25	18	11	CI around mean	0.00212	0.0280	Background	No Exceedance
AP07S	PMP	E009	Fluoride, total	mg/L	02/10/21 - 04/23/25	18	61	CI around median	0.25	4.0	Standard	No Exceedance
AP07S	PMP	E009	Lead, total	mg/L	02/10/21 - 04/23/25	18	72	CI around median	0.001	0.0330	Background	No Exceedance
AP07S	PMP	E009	Lithium, total	mg/L	02/10/21 - 04/23/25	18	100	All ND - Last	0.02	0.0710	Background	No Exceedance
AP07S	PMP	E009	Mercury, total	mg/L	02/10/21 - 04/23/25	18	94	CI around median	0.0002	0.002	Standard	No Exceedance
AP07S	PMP	E009	Molybdenum, total	mg/L	02/10/21 - 04/23/25	18	56	CI around median	0.001	0.1	Standard	No Exceedance
AP07S	PMP	E009	pH (field)	SU	02/10/21 - 04/23/25	18	0	CI around mean	6.7/7.0	6.3/9.0	Background/Standard	No Exceedance
AP07S	PMP	E009	Radium 226 + Radium 228, total	pCi/L	02/10/21 - 04/23/25	18	0	CI around mean	0.592	9.60	Background	No Exceedance
AP07S	PMP	E009	Selenium, total	mg/L	02/10/21 - 04/23/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
AP07S	PMP	E009	Sulfate, total	mg/L	02/10/21 - 04/23/25	18	0	CI around geomean	216	400	Standard	No Exceedance
AP07S	PMP	E009	Thallium, total	mg/L	02/10/21 - 04/23/25	18	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AP07S	PMP	E009	Total Dissolved Solids	mg/L	02/10/21 - 04/23/25	18	0	CI around mean	840	1,200	Standard	No Exceedance
AW-01	PMP	E009	Antimony, total	mg/L	11/18/22 - 04/23/25	13	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-01	PMP	E009	Arsenic, total	mg/L	11/18/22 - 04/23/25	13	0	CI around geomean	0.00377	0.0300	Background	No Exceedance
AW-01	PMP	E009	Barium, total	mg/L	11/18/22 - 04/23/25	13	0	CI around mean	0.0964	2.07	Background	No Exceedance
AW-01	PMP	E009	Beryllium, total	mg/L	11/18/22 - 04/23/25	13	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-01	PMP	E009	Boron, total	mg/L	11/18/22 - 04/23/25	13	0	CI around median	0.072	2	Standard	No Exceedance
AW-01	PMP	E009	Cadmium, total	mg/L	11/18/22 - 04/23/25	13	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-01	PMP	E009	Chloride, total	mg/L	11/18/22 - 04/23/25	13	0	CB around T-S line	-5	200	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-01	PMP	E009	Chromium, total	mg/L	11/18/22 - 04/23/25	13	85	CI around median	0.004	0.1	Standard	No Exceedance
AW-01	PMP	E009	Cobalt, total	mg/L	11/18/22 - 04/23/25	13	23	CI around mean	0.00262	0.0280	Background	No Exceedance
AW-01	PMP	E009	Fluoride, total	mg/L	11/18/22 - 04/23/25	13	62	CI around median	0.25	4.0	Standard	No Exceedance
AW-01	PMP	E009	Lead, total	mg/L	11/18/22 - 04/23/25	13	77	CI around median	0.001	0.0330	Background	No Exceedance
AW-01	PMP	E009	Lithium, total	mg/L	11/18/22 - 04/23/25	13	100	All ND - Last	0.02	0.0710	Background	No Exceedance
AW-01	PMP	E009	Mercury, total	mg/L	11/18/22 - 04/23/25	13	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
AW-01	PMP	E009	Molybdenum, total	mg/L	11/18/22 - 04/23/25	13	0	CI around mean	0.00288	0.1	Standard	No Exceedance
AW-01	PMP	E009	pH (field)	SU	11/18/22 - 04/23/25	13	0	CI around mean	6.7/7.1	6.3/9.0	Background/Standard	No Exceedance
AW-01	PMP	E009	Radium 226 + Radium 228, total	pCi/L	11/18/22 - 04/23/25	13	0	CI around median	0.359	9.60	Background	No Exceedance
AW-01	PMP	E009	Selenium, total	mg/L	11/18/22 - 04/23/25	13	92	CI around median	0.001	0.05	Standard	No Exceedance
AW-01	PMP	E009	Sulfate, total	mg/L	11/18/22 - 04/23/25	13	0	CI around median	41	400	Standard	No Exceedance
AW-01	PMP	E009	Thallium, total	mg/L	11/18/22 - 04/23/25	13	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-01	PMP	E009	Total Dissolved Solids	mg/L	11/18/22 - 04/23/25	13	0	CI around mean	736	1,200	Standard	No Exceedance
AW-05	UA	E009	Antimony, total	mg/L	11/09/15 - 04/24/25	22	96	Most recent sample	0.003	0.006	Standard	No Exceedance
AW-05	UA	E009	Arsenic, total	mg/L	11/09/15 - 04/24/25	22	0	CB around T-S line	-0.00604	0.0300	Background	No Exceedance
AW-05	UA	E009	Barium, total	mg/L	11/09/15 - 04/24/25	22	0	CB around linear reg	-0.0244	2.07	Background	No Exceedance
AW-05	UA	E009	Beryllium, total	mg/L	11/09/15 - 04/24/25	21	90	CI around median	0.001	0.004	Standard	No Exceedance
AW-05	UA	E009	Boron, total	mg/L	11/09/15 - 04/24/25	23	0	CB around linear reg	5.54	2	Standard	Exceedance
AW-05	UA	E009	Cadmium, total	mg/L	11/09/15 - 04/24/25	22	91	CI around median	0.001	0.005	Standard	No Exceedance
AW-05	UA	E009	Chloride, total	mg/L	11/09/15 - 04/24/25	23	0	CB around T-S line	-81.2	200	Standard	No Exceedance
AW-05	UA	E009	Chromium, total	mg/L	11/09/15 - 04/24/25	22	46	CI around median	0.004	0.1	Standard	No Exceedance
AW-05	UA	E009	Cobalt, total	mg/L	11/09/15 - 04/24/25	22	32	CB around T-S line	-0.00663	0.0280	Background	No Exceedance
AW-05	UA	E009	Fluoride, total	mg/L	11/09/15 - 04/24/25	23	61	CI around median	0.25	4.0	Standard	No Exceedance
AW-05	UA	E009	Lead, total	mg/L	11/09/15 - 04/24/25	21	43	CI around median	0.001	0.0330	Background	No Exceedance
AW-05	UA	E009	Lithium, total	mg/L	11/09/15 - 04/24/25	22	46	CB around T-S line	-0.000167	0.0710	Background	No Exceedance
AW-05	UA	E009	Mercury, total	mg/L	11/09/15 - 04/24/25	22	96	CI around median	0.0002	0.002	Standard	No Exceedance
AW-05	UA	E009	Molybdenum, total	mg/L	11/09/15 - 04/24/25	22	0	CB around linear reg	0.00131	0.1	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-05	UA	E009	pH (field)	SU	11/09/15 - 04/24/25	23	0	CB around T-S line	7.0/7.2	6.3/9.0	Background/Standard	No Exceedance
AW-05	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/09/15 - 04/24/25	22	0	CI around geomean	0.533	9.60	Background	No Exceedance
AW-05	UA	E009	Selenium, total	mg/L	11/09/15 - 04/24/25	22	64	CB around T-S line	0.00053	0.05	Standard	No Exceedance
AW-05	UA	E009	Sulfate, total	mg/L	11/09/15 - 04/24/25	23	0	CB around T-S line	307	400	Standard	No Exceedance
AW-05	UA	E009	Thallium, total	mg/L	11/09/15 - 04/24/25	21	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-05	UA	E009	Total Dissolved Solids	mg/L	11/09/15 - 04/24/25	23	0	CI around geomean	1,050	1,200	Standard	No Exceedance
AW-06	UA	E009	Antimony, total	mg/L	11/10/15 - 04/23/25	23	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-06	UA	E009	Arsenic, total	mg/L	11/10/15 - 04/23/25	28	0	CI around geomean	0.00312	0.0300	Background	No Exceedance
AW-06	UA	E009	Barium, total	mg/L	11/10/15 - 04/23/25	28	0	CI around median	0.17	2.07	Background	No Exceedance
AW-06	UA	E009	Beryllium, total	mg/L	11/10/15 - 04/23/25	28	89	CI around median	0.001	0.004	Standard	No Exceedance
AW-06	UA	E009	Boron, total	mg/L	11/10/15 - 04/23/25	29	0	CB around linear reg	0.064	2	Standard	No Exceedance
AW-06	UA	E009	Cadmium, total	mg/L	11/10/15 - 04/23/25	23	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-06	UA	E009	Chloride, total	mg/L	11/10/15 - 04/23/25	29	0	CI around median	35	200	Standard	No Exceedance
AW-06	UA	E009	Chromium, total	mg/L	11/10/15 - 04/23/25	28	61	CB around T-S line	-0.00331	0.1	Standard	No Exceedance
AW-06	UA	E009	Cobalt, total	mg/L	11/10/15 - 04/23/25	28	64	CB around T-S line	-0.00132	0.0280	Background	No Exceedance
AW-06	UA	E009	Fluoride, total	mg/L	11/10/15 - 04/23/25	29	7	CB around T-S line	0.224	4.0	Standard	No Exceedance
AW-06	UA	E009	Lead, total	mg/L	11/10/15 - 04/23/25	28	46	CB around T-S line	-0.0027	0.0330	Background	No Exceedance
AW-06	UA	E009	Lithium, total	mg/L	11/10/15 - 04/23/25	28	57	CI around median	0.02	0.0710	Background	No Exceedance
AW-06	UA	E009	Mercury, total	mg/L	11/10/15 - 04/23/25	23	96	CI around median	0.0002	0.002	Standard	No Exceedance
AW-06	UA	E009	Molybdenum, total	mg/L	11/10/15 - 04/23/25	28	0	CI around mean	0.00498	0.1	Standard	No Exceedance
AW-06	UA	E009	pH (field)	SU	11/10/15 - 04/23/25	29	0	CI around median	7.1/7.3	6.3/9.0	Background/Standard	No Exceedance
AW-06	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/10/15 - 04/23/25	28	0	CB around linear reg	-0.0904	9.60	Background	No Exceedance
AW-06	UA	E009	Selenium, total	mg/L	11/10/15 - 04/23/25	28	79	CI around median	0.001	0.05	Standard	No Exceedance
AW-06	UA	E009	Sulfate, total	mg/L	11/10/15 - 04/23/25	29	0	CB around linear reg	17	400	Standard	No Exceedance
AW-06	UA	E009	Thallium, total	mg/L	11/10/15 - 04/23/25	23	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-06	UA	E009	Total Dissolved Solids	mg/L	11/10/15 - 04/23/25	29	0	CI around mean	520	1,200	Standard	No Exceedance
AW-09	UA	E009	Antimony, total	mg/L	11/10/15 - 04/22/25	23	100	All ND - Last	0.003	0.006	Standard	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-09	UA	E009	Arsenic, total	mg/L	11/10/15 - 04/22/25	28	11	CI around mean	0.0134	0.0300	Background	No Exceedance
AW-09	UA	E009	Barium, total	mg/L	11/10/15 - 04/22/25	28	0	CI around geomean	0.311	2.07	Background	No Exceedance
AW-09	UA	E009	Beryllium, total	mg/L	11/10/15 - 04/22/25	28	86	CB around T-S line	0.000757	0.004	Standard	No Exceedance
AW-09	UA	E009	Boron, total	mg/L	11/10/15 - 04/22/25	29	0	CB around linear reg	-0.0324	2	Standard	No Exceedance
AW-09	UA	E009	Cadmium, total	mg/L	11/10/15 - 04/22/25	23	91	CI around median	0.001	0.005	Standard	No Exceedance
AW-09	UA	E009	Chloride, total	mg/L	11/10/15 - 04/22/25	29	0	CI around median	27	200	Standard	No Exceedance
AW-09	UA	E009	Chromium, total	mg/L	11/10/15 - 04/22/25	28	64	CB around T-S line	-0.0362	0.1	Standard	No Exceedance
AW-09	UA	E009	Cobalt, total	mg/L	11/10/15 - 04/22/25	28	11	CB around T-S line	-0.0204	0.0280	Background	No Exceedance
AW-09	UA	E009	Fluoride, total	mg/L	11/10/15 - 04/22/25	29	69	CB around T-S line	0.193	4.0	Standard	No Exceedance
AW-09	UA	E009	Lead, total	mg/L	11/10/15 - 04/22/25	28	54	CB around T-S line	-0.0213	0.0330	Background	No Exceedance
AW-09	UA	E009	Lithium, total	mg/L	11/10/15 - 04/22/25	28	43	CB around T-S line	-0.0249	0.0710	Background	No Exceedance
AW-09	UA	E009	Mercury, total	mg/L	11/10/15 - 04/22/25	23	96	CI around median	0.0002	0.002	Standard	No Exceedance
AW-09	UA	E009	Molybdenum, total	mg/L	11/10/15 - 04/22/25	28	0	CI around mean	0.0145	0.1	Standard	No Exceedance
AW-09	UA	E009	pH (field)	SU	11/10/15 - 04/22/25	29	0	CI around median	6.9/7.0	6.3/9.0	Background/Standard	No Exceedance
AW-09	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/10/15 - 04/22/25	28	0	CI around median	0.791	9.60	Background	No Exceedance
AW-09	UA	E009	Selenium, total	mg/L	11/10/15 - 04/22/25	28	71	CB around T-S line	-0.000561	0.05	Standard	No Exceedance
AW-09	UA	E009	Sulfate, total	mg/L	11/10/15 - 04/22/25	29	62	CB around T-S line	-21.9	400	Standard	No Exceedance
AW-09	UA	E009	Thallium, total	mg/L	11/10/15 - 04/22/25	23	96	CI around median	0.001	0.002	Standard	No Exceedance
AW-09	UA	E009	Total Dissolved Solids	mg/L	11/10/15 - 04/22/25	29	0	CB around T-S line	764	1,200	Standard	No Exceedance
AW-10	UA	E009	Antimony, total	mg/L	11/09/15 - 04/22/25	24	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-10	UA	E009	Arsenic, total	mg/L	11/09/15 - 04/22/25	29	0	CI around median	0.0098	0.0300	Background	No Exceedance
AW-10	UA	E009	Barium, total	mg/L	11/09/15 - 04/22/25	29	0	CI around median	0.93	2.07	Background	No Exceedance
AW-10	UA	E009	Beryllium, total	mg/L	11/09/15 - 04/22/25	29	79	CI around median	0.001	0.004	Standard	No Exceedance
AW-10	UA	E009	Boron, total	mg/L	11/09/15 - 04/22/25	30	0	CI around mean	0.463	2	Standard	No Exceedance
AW-10	UA	E009	Cadmium, total	mg/L	11/09/15 - 04/22/25	24	96	CI around median	0.001	0.005	Standard	No Exceedance
AW-10	UA	E009	Chloride, total	mg/L	11/09/15 - 04/22/25	30	0	CI around mean	87.1	200	Standard	No Exceedance
AW-10	UA	E009	Chromium, total	mg/L	11/09/15 - 04/22/25	29	31	CI around median	0.004	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
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EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-10	UA	E009	Cobalt, total	mg/L	11/09/15 - 04/22/25	29	3	CI around geomean	0.00434	0.0280	Background	No Exceedance
AW-10	UA	E009	Fluoride, total	mg/L	11/09/15 - 04/22/25	30	97	CI around median	0.25	4.0	Standard	No Exceedance
AW-10	UA	E009	Lead, total	mg/L	11/09/15 - 04/22/25	29	10	CI around geomean	0.00247	0.0330	Background	No Exceedance
AW-10	UA	E009	Lithium, total	mg/L	11/09/15 - 04/22/25	29	0	CB around T-S line	-0.000997	0.0710	Background	No Exceedance
AW-10	UA	E009	Mercury, total	mg/L	11/09/15 - 04/22/25	24	96	CI around median	0.0002	0.002	Standard	No Exceedance
AW-10	UA	E009	Molybdenum, total	mg/L	11/09/15 - 04/22/25	29	21	CI around median	0.0012	0.1	Standard	No Exceedance
AW-10	UA	E009	pH (field)	SU	11/09/15 - 04/22/25	31	0	CI around median	7.0/7.1	6.3/9.0	Background/Standard	No Exceedance
AW-10	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/09/15 - 04/22/25	29	0	CI around geomean	2.18	9.60	Background	No Exceedance
AW-10	UA	E009	Selenium, total	mg/L	11/09/15 - 04/22/25	29	69	CB around T-S line	0.000263	0.05	Standard	No Exceedance
AW-10	UA	E009	Sulfate, total	mg/L	11/09/15 - 04/22/25	30	83	CB around T-S line	0.929	400	Standard	No Exceedance
AW-10	UA	E009	Thallium, total	mg/L	11/09/15 - 04/22/25	24	96	CI around median	0.001	0.002	Standard	No Exceedance
AW-10	UA	E009	Total Dissolved Solids	mg/L	11/09/15 - 04/22/25	30	0	CI around median	1,100	1,200	Standard	No Exceedance
AW-11	UA	E009	Antimony, total	mg/L	11/09/15 - 04/22/25	23	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-11	UA	E009	Arsenic, total	mg/L	11/09/15 - 04/22/25	28	0	CB around T-S line	0.00507	0.0300	Background	No Exceedance
AW-11	UA	E009	Barium, total	mg/L	11/09/15 - 04/22/25	28	0	CI around median	0.84	2.07	Background	No Exceedance
AW-11	UA	E009	Beryllium, total	mg/L	11/09/15 - 04/22/25	28	82	CI around median	0.001	0.004	Standard	No Exceedance
AW-11	UA	E009	Boron, total	mg/L	11/09/15 - 04/22/25	29	0	CI around mean	0.227	2	Standard	No Exceedance
AW-11	UA	E009	Cadmium, total	mg/L	11/09/15 - 04/22/25	23	87	CI around median	0.001	0.005	Standard	No Exceedance
AW-11	UA	E009	Chloride, total	mg/L	11/09/15 - 04/22/25	29	0	CI around mean	31.8	200	Standard	No Exceedance
AW-11	UA	E009	Chromium, total	mg/L	11/09/15 - 04/22/25	28	61	CB around T-S line	-0.0157	0.1	Standard	No Exceedance
AW-11	UA	E009	Cobalt, total	mg/L	11/09/15 - 04/22/25	28	39	CB around T-S line	-0.00748	0.0280	Background	No Exceedance
AW-11	UA	E009	Fluoride, total	mg/L	11/09/15 - 04/22/25	29	90	CI around median	0.25	4.0	Standard	No Exceedance
AW-11	UA	E009	Lead, total	mg/L	11/09/15 - 04/22/25	28	46	CB around T-S line	-0.0102	0.0330	Background	No Exceedance
AW-11	UA	E009	Lithium, total	mg/L	11/09/15 - 04/22/25	28	18	CB around T-S line	-0.0086	0.0710	Background	No Exceedance
AW-11	UA	E009	Mercury, total	mg/L	11/09/15 - 04/22/25	23	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
AW-11	UA	E009	Molybdenum, total	mg/L	11/09/15 - 04/22/25	28	18	CB around linear reg	-0.00123	0.1	Standard	No Exceedance
AW-11	UA	E009	pH (field)	SU	11/09/15 - 04/22/25	29	0	CI around median	6.9/7.2	6.3/9.0	Background/Standard	No Exceedance

TABLE 2.
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EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-11	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/09/15 - 04/22/25	28	0	CI around median	1.78	9.60	Background	No Exceedance
AW-11	UA	E009	Selenium, total	mg/L	11/09/15 - 04/22/25	28	75	CB around T-S line	0.000437	0.05	Standard	No Exceedance
AW-11	UA	E009	Sulfate, total	mg/L	11/09/15 - 04/22/25	29	72	CB around T-S line	0.308	400	Standard	No Exceedance
AW-11	UA	E009	Thallium, total	mg/L	11/09/15 - 04/22/25	23	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-11	UA	E009	Total Dissolved Solids	mg/L	11/09/15 - 04/22/25	29	0	CB around T-S line	957	1,200	Standard	No Exceedance
AW-14	UA	E009	Antimony, total	mg/L	02/11/21 - 04/21/25	17	94	CI around median	0.003	0.006	Standard	No Exceedance
AW-14	UA	E009	Arsenic, total	mg/L	02/11/21 - 04/21/25	17	0	CB around T-S line	-0.00197	0.0300	Background	No Exceedance
AW-14	UA	E009	Barium, total	mg/L	02/11/21 - 04/21/25	17	0	CI around mean	0.628	2.07	Background	No Exceedance
AW-14	UA	E009	Beryllium, total	mg/L	02/11/21 - 04/21/25	17	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-14	UA	E009	Boron, total	mg/L	02/11/21 - 04/21/25	17	0	CI around median	0.18	2	Standard	No Exceedance
AW-14	UA	E009	Cadmium, total	mg/L	02/11/21 - 04/21/25	17	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-14	UA	E009	Chloride, total	mg/L	02/11/21 - 04/21/25	17	0	CI around median	24	200	Standard	No Exceedance
AW-14	UA	E009	Chromium, total	mg/L	02/11/21 - 04/21/25	17	94	CI around median	0.004	0.1	Standard	No Exceedance
AW-14	UA	E009	Cobalt, total	mg/L	02/11/21 - 04/21/25	17	41	CB around T-S line	-0.00883	0.0280	Background	No Exceedance
AW-14	UA	E009	Fluoride, total	mg/L	02/11/21 - 04/21/25	17	76	CI around median	0.25	4.0	Standard	No Exceedance
AW-14	UA	E009	Lead, total	mg/L	02/11/21 - 04/21/25	17	76	CI around median	0.001	0.0330	Background	No Exceedance
AW-14	UA	E009	Lithium, total	mg/L	02/11/21 - 04/21/25	17	71	CB around T-S line	0.0134	0.0710	Background	No Exceedance
AW-14	UA	E009	Mercury, total	mg/L	02/11/21 - 04/21/25	17	94	CI around median	0.0002	0.002	Standard	No Exceedance
AW-14	UA	E009	Molybdenum, total	mg/L	02/11/21 - 04/21/25	17	41	CB around T-S line	-0.047	0.1	Standard	No Exceedance
AW-14	UA	E009	pH (field)	SU	02/11/21 - 04/21/25	17	0	CI around median	6.8/7.0	6.3/9.0	Background/Standard	No Exceedance
AW-14	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 04/21/25	17	0	CI around mean	2.09	9.60	Background	No Exceedance
AW-14	UA	E009	Selenium, total	mg/L	02/11/21 - 04/21/25	17	88	CI around median	0.001	0.05	Standard	No Exceedance
AW-14	UA	E009	Sulfate, total	mg/L	02/11/21 - 04/21/25	17	12	CI around geomean	1.82	400	Standard	No Exceedance
AW-14	UA	E009	Thallium, total	mg/L	02/11/21 - 04/21/25	17	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-14	UA	E009	Total Dissolved Solids	mg/L	02/11/21 - 04/21/25	17	0	CI around median	960	1,200	Standard	No Exceedance
AW-15	UA	E009	Antimony, total	mg/L	02/12/21 - 04/21/25	15	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-15	UA	E009	Arsenic, total	mg/L	02/12/21 - 04/21/25	15	7	CI around mean	0.0015	0.0300	Background	No Exceedance

TABLE 2.
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EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-15	UA	E009	Barium, total	mg/L	02/12/21 - 04/21/25	15	0	CI around mean	1.66	2.07	Background	No Exceedance
AW-15	UA	E009	Beryllium, total	mg/L	02/12/21 - 04/21/25	15	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-15	UA	E009	Boron, total	mg/L	02/12/21 - 04/21/25	15	0	CI around mean	0.353	2	Standard	No Exceedance
AW-15	UA	E009	Cadmium, total	mg/L	02/12/21 - 04/21/25	15	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-15	UA	E009	Chloride, total	mg/L	02/12/21 - 04/21/25	15	0	CI around mean	34	200	Standard	No Exceedance
AW-15	UA	E009	Chromium, total	mg/L	02/12/21 - 04/21/25	15	100	All ND - Last	0.004	0.1	Standard	No Exceedance
AW-15	UA	E009	Cobalt, total	mg/L	02/12/21 - 04/21/25	15	93	CI around median	0.002	0.0280	Background	No Exceedance
AW-15	UA	E009	Fluoride, total	mg/L	02/12/21 - 04/21/25	15	87	CI around median	0.25	4.0	Standard	No Exceedance
AW-15	UA	E009	Lead, total	mg/L	02/12/21 - 04/21/25	15	100	All ND - Last	0.001	0.0330	Background	No Exceedance
AW-15	UA	E009	Lithium, total	mg/L	02/12/21 - 04/21/25	15	0	CI around mean	0.0291	0.0710	Background	No Exceedance
AW-15	UA	E009	Mercury, total	mg/L	02/12/21 - 04/21/25	15	93	CI around median	0.0002	0.002	Standard	No Exceedance
AW-15	UA	E009	Molybdenum, total	mg/L	02/12/21 - 04/21/25	15	87	CI around median	0.001	0.1	Standard	No Exceedance
AW-15	UA	E009	pH (field)	SU	02/12/21 - 04/21/25	14	0	CI around median	6.7/7.0	6.3/9.0	Background/Standard	No Exceedance
AW-15	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/12/21 - 04/21/25	15	0	CI around mean	3.87	9.60	Background	No Exceedance
AW-15	UA	E009	Selenium, total	mg/L	02/12/21 - 04/21/25	15	100	All ND - Last	0.001	0.05	Standard	No Exceedance
AW-15	UA	E009	Sulfate, total	mg/L	02/12/21 - 04/21/25	15	93	Most recent sample	1	400	Standard	No Exceedance
AW-15	UA	E009	Thallium, total	mg/L	02/12/21 - 04/21/25	15	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-15	UA	E009	Total Dissolved Solids	mg/L	02/12/21 - 04/21/25	15	0	CI around mean	955	1,200	Standard	No Exceedance
AW-15S	PMP	E009	Antimony, total	mg/L	02/12/21 - 04/21/25	18	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-15S	PMP	E009	Arsenic, total	mg/L	02/12/21 - 04/21/25	18	72	CI around median	0.001	0.0300	Background	No Exceedance
AW-15S	PMP	E009	Barium, total	mg/L	02/12/21 - 04/21/25	18	0	CB around T-S line	0.00691	2.07	Background	No Exceedance
AW-15S	PMP	E009	Beryllium, total	mg/L	02/12/21 - 04/21/25	18	94	CI around median	0.001	0.004	Standard	No Exceedance
AW-15S	PMP	E009	Boron, total	mg/L	02/12/21 - 04/21/25	18	0	CI around mean	5.65	2	Standard	Exceedance
AW-15S	PMP	E009	Cadmium, total	mg/L	02/12/21 - 04/21/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-15S	PMP	E009	Chloride, total	mg/L	02/12/21 - 04/21/25	18	0	CB around linear reg	22.4	200	Standard	No Exceedance
AW-15S	PMP	E009	Chromium, total	mg/L	02/12/21 - 04/21/25	18	94	CI around median	0.004	0.1	Standard	No Exceedance
AW-15S	PMP	E009	Cobalt, total	mg/L	02/12/21 - 04/21/25	18	94	CI around median	0.002	0.0280	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
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ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-15S	PMP	E009	Fluoride, total	mg/L	02/12/21 - 04/21/25	18	39	CI around median	0.25	4.0	Standard	No Exceedance
AW-15S	PMP	E009	Lead, total	mg/L	02/12/21 - 04/21/25	18	89	CI around median	0.001	0.0330	Background	No Exceedance
AW-15S	PMP	E009	Lithium, total	mg/L	02/12/21 - 04/21/25	18	89	CI around median	0.02	0.0710	Background	No Exceedance
AW-15S	PMP	E009	Mercury, total	mg/L	02/12/21 - 04/21/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
AW-15S	PMP	E009	Molybdenum, total	mg/L	02/12/21 - 04/21/25	18	0	CB around linear reg	0.00202	0.1	Standard	No Exceedance
AW-15S	PMP	E009	pH (field)	SU	02/12/21 - 04/21/25	18	0	CI around median	6.8/7.0	6.3/9.0	Background/Standard	No Exceedance
AW-15S	PMP	E009	Radium 226 + Radium 228, total	pCi/L	02/12/21 - 04/21/25	17	0	CI around mean	0.528	9.60	Background	No Exceedance
AW-15S	PMP	E009	Selenium, total	mg/L	02/12/21 - 04/21/25	18	44	CI around median	0.001	0.05	Standard	No Exceedance
AW-15S	PMP	E009	Sulfate, total	mg/L	02/12/21 - 04/21/25	18	0	CI around mean	523	400	Standard	Exceedance
AW-15S	PMP	E009	Thallium, total	mg/L	02/12/21 - 04/21/25	18	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-15S	PMP	E009	Total Dissolved Solids	mg/L	02/12/21 - 04/21/25	18	0	CI around median	1,300	1,200	Standard	Exceedance
AW-16	UA	E009	Antimony, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-16	UA	E009	Arsenic, total	mg/L	02/11/21 - 04/18/25	18	17	CI around mean	0.00104	0.0300	Background	No Exceedance
AW-16	UA	E009	Barium, total	mg/L	02/11/21 - 04/18/25	18	0	CB around linear reg	0.965	2.07	Background	No Exceedance
AW-16	UA	E009	Beryllium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-16	UA	E009	Boron, total	mg/L	02/11/21 - 04/18/25	18	0	CB around linear reg	0.381	2	Standard	No Exceedance
AW-16	UA	E009	Cadmium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-16	UA	E009	Chloride, total	mg/L	02/11/21 - 04/18/25	18	0	CB around linear reg	42.6	200	Standard	No Exceedance
AW-16	UA	E009	Chromium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.004	0.1	Standard	No Exceedance
AW-16	UA	E009	Cobalt, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.002	0.0280	Background	No Exceedance
AW-16	UA	E009	Fluoride, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.25	4.0	Standard	No Exceedance
AW-16	UA	E009	Lead, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.0330	Background	No Exceedance
AW-16	UA	E009	Lithium, total	mg/L	02/11/21 - 04/18/25	18	0	CB around T-S line	0.018	0.0710	Background	No Exceedance
AW-16	UA	E009	Mercury, total	mg/L	02/11/21 - 04/18/25	18	94	CI around median	0.0002	0.002	Standard	No Exceedance
AW-16	UA	E009	Molybdenum, total	mg/L	02/11/21 - 04/18/25	18	94	CI around median	0.001	0.1	Standard	No Exceedance
AW-16	UA	E009	pH (field)	SU	02/11/21 - 04/18/25	18	0	CI around mean	6.6/6.8	6.3/9.0	Background/Standard	No Exceedance
AW-16	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 04/18/25	18	0	CB around linear reg	1.5	9.60	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 2, 2025
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ASH POND
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-16	UA	E009	Selenium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
AW-16	UA	E009	Sulfate, total	mg/L	02/11/21 - 04/18/25	18	89	CI around median	1	400	Standard	No Exceedance
AW-16	UA	E009	Thallium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-16	UA	E009	Total Dissolved Solids	mg/L	02/11/21 - 04/18/25	18	0	CI around geomean	1,100	1,200	Standard	No Exceedance
AW-17	UA	E009	Antimony, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-17	UA	E009	Arsenic, total	mg/L	02/11/21 - 04/18/25	18	0	CB around linear reg	0.00239	0.0300	Background	No Exceedance
AW-17	UA	E009	Barium, total	mg/L	02/11/21 - 04/18/25	18	0	CI around median	1	2.07	Background	No Exceedance
AW-17	UA	E009	Beryllium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-17	UA	E009	Boron, total	mg/L	02/11/21 - 04/18/25	18	0	CI around mean	0.412	2	Standard	No Exceedance
AW-17	UA	E009	Cadmium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-17	UA	E009	Chloride, total	mg/L	02/11/21 - 04/18/25	18	0	CI around mean	51.6	200	Standard	No Exceedance
AW-17	UA	E009	Chromium, total	mg/L	02/11/21 - 04/18/25	18	78	CI around median	0.004	0.1	Standard	No Exceedance
AW-17	UA	E009	Cobalt, total	mg/L	02/11/21 - 04/18/25	18	17	CB around linear reg	0.000392	0.0280	Background	No Exceedance
AW-17	UA	E009	Fluoride, total	mg/L	02/11/21 - 04/18/25	18	94	CI around median	0.25	4.0	Standard	No Exceedance
AW-17	UA	E009	Lead, total	mg/L	02/11/21 - 04/18/25	18	78	CI around median	0.001	0.0330	Background	No Exceedance
AW-17	UA	E009	Lithium, total	mg/L	02/11/21 - 04/18/25	18	0	CB around T-S line	-0.00235	0.0710	Background	No Exceedance
AW-17	UA	E009	Mercury, total	mg/L	02/11/21 - 04/18/25	18	94	CI around median	0.0002	0.002	Standard	No Exceedance
AW-17	UA	E009	Molybdenum, total	mg/L	02/11/21 - 04/18/25	18	61	CB around T-S line	-0.000212	0.1	Standard	No Exceedance
AW-17	UA	E009	pH (field)	SU	02/11/21 - 04/18/25	18	0	CI around mean	6.7/7.0	6.3/9.0	Background/Standard	No Exceedance
AW-17	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 04/18/25	18	0	CI around mean	2.45	9.60	Background	No Exceedance
AW-17	UA	E009	Selenium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
AW-17	UA	E009	Sulfate, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	1	400	Standard	No Exceedance
AW-17	UA	E009	Thallium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-17	UA	E009	Total Dissolved Solids	mg/L	02/11/21 - 04/18/25	18	0	CI around mean	864	1,200	Standard	No Exceedance
AW-18	UA	E009	Antimony, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-18	UA	E009	Arsenic, total	mg/L	02/11/21 - 04/18/25	18	0	CB around T-S line	-0.00041	0.0300	Background	No Exceedance
AW-18	UA	E009	Barium, total	mg/L	02/11/21 - 04/18/25	18	0	CB around linear reg	1.18	2.07	Background	No Exceedance

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-18	UA	E009	Beryllium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-18	UA	E009	Boron, total	mg/L	02/11/21 - 04/18/25	18	0	CI around mean	0.713	2	Standard	No Exceedance
AW-18	UA	E009	Cadmium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-18	UA	E009	Chloride, total	mg/L	02/11/21 - 04/18/25	18	0	CB around linear reg	83.1	200	Standard	No Exceedance
AW-18	UA	E009	Chromium, total	mg/L	02/11/21 - 04/18/25	18	89	CI around median	0.004	0.1	Standard	No Exceedance
AW-18	UA	E009	Cobalt, total	mg/L	02/11/21 - 04/18/25	18	83	CI around median	0.002	0.0280	Background	No Exceedance
AW-18	UA	E009	Fluoride, total	mg/L	02/11/21 - 04/18/25	18	67	CB around T-S line	-3.43	4.0	Standard	No Exceedance
AW-18	UA	E009	Lead, total	mg/L	02/11/21 - 04/18/25	18	83	CI around median	0.001	0.0330	Background	No Exceedance
AW-18	UA	E009	Lithium, total	mg/L	02/11/21 - 04/18/25	18	6	CB around linear reg	-0.0197	0.0710	Background	No Exceedance
AW-18	UA	E009	Mercury, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
AW-18	UA	E009	Molybdenum, total	mg/L	02/11/21 - 04/18/25	18	0	CB around linear reg	-0.00865	0.1	Standard	No Exceedance
AW-18	UA	E009	pH (field)	SU	02/11/21 - 04/18/25	18	0	CI around mean	6.7/6.9	6.3/9.0	Background/Standard	No Exceedance
AW-18	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 04/18/25	18	0	CI around mean	2.57	9.60	Background	No Exceedance
AW-18	UA	E009	Selenium, total	mg/L	02/11/21 - 04/18/25	18	94	CI around median	0.001	0.05	Standard	No Exceedance
AW-18	UA	E009	Sulfate, total	mg/L	02/11/21 - 04/18/25	18	0	CI around geomean	4.27	400	Standard	No Exceedance
AW-18	UA	E009	Thallium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-18	UA	E009	Total Dissolved Solids	mg/L	02/11/21 - 04/18/25	18	0	CI around mean	819	1,200	Standard	No Exceedance
AW-19	UA	E009	Antimony, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-19	UA	E009	Arsenic, total	mg/L	02/11/21 - 04/21/25	18	0	CI around mean	0.0115	0.0300	Background	No Exceedance
AW-19	UA	E009	Barium, total	mg/L	02/11/21 - 04/21/25	18	0	CI around median	0.18	2.07	Background	No Exceedance
AW-19	UA	E009	Beryllium, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-19	UA	E009	Boron, total	mg/L	02/11/21 - 04/21/25	18	0	CB around linear reg	2.89	2	Standard	Exceedance
AW-19	UA	E009	Cadmium, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-19	UA	E009	Chloride, total	mg/L	02/11/21 - 04/21/25	18	0	CI around mean	76.4	200	Standard	No Exceedance
AW-19	UA	E009	Chromium, total	mg/L	02/11/21 - 04/21/25	18	78	CI around median	0.004	0.1	Standard	No Exceedance
AW-19	UA	E009	Cobalt, total	mg/L	02/11/21 - 04/21/25	18	78	CI around median	0.002	0.0280	Background	No Exceedance
AW-19	UA	E009	Fluoride, total	mg/L	02/11/21 - 04/21/25	18	28	CB around linear reg	0.188	4.0	Standard	No Exceedance

TABLE 2.
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ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-19	UA	E009	Lead, total	mg/L	02/11/21 - 04/21/25	18	61	CI around median	0.001	0.0330	Background	No Exceedance
AW-19	UA	E009	Lithium, total	mg/L	02/11/21 - 04/21/25	18	78	CB around T-S line	0.0124	0.0710	Background	No Exceedance
AW-19	UA	E009	Mercury, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
AW-19	UA	E009	Molybdenum, total	mg/L	02/11/21 - 04/21/25	18	0	CI around median	0.0036	0.1	Standard	No Exceedance
AW-19	UA	E009	pH (field)	SU	02/11/21 - 04/21/25	18	0	CI around mean	6.8/7.1	6.3/9.0	Background/Standard	No Exceedance
AW-19	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 04/21/25	18	0	CI around mean	0.602	9.60	Background	No Exceedance
AW-19	UA	E009	Selenium, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.001	0.05	Standard	No Exceedance
AW-19	UA	E009	Sulfate, total	mg/L	02/11/21 - 04/21/25	18	0	CB around linear reg	55.2	400	Standard	No Exceedance
AW-19	UA	E009	Thallium, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-19	UA	E009	Total Dissolved Solids	mg/L	02/11/21 - 04/21/25	18	0	CB around linear reg	605	1,200	Standard	No Exceedance
AW-21	UA	E009	Antimony, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-21	UA	E009	Arsenic, total	mg/L	02/11/21 - 04/21/25	18	22	CI around geomean	0.00111	0.0300	Background	No Exceedance
AW-21	UA	E009	Barium, total	mg/L	02/11/21 - 04/21/25	18	0	CB around linear reg	0.0445	2.07	Background	No Exceedance
AW-21	UA	E009	Beryllium, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-21	UA	E009	Boron, total	mg/L	02/11/21 - 04/21/25	18	0	CI around mean	10.3	2	Standard	Exceedance
AW-21	UA	E009	Cadmium, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-21	UA	E009	Chloride, total	mg/L	02/11/21 - 04/21/25	18	0	CI around mean	82.9	200	Standard	No Exceedance
AW-21	UA	E009	Chromium, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.004	0.1	Standard	No Exceedance
AW-21	UA	E009	Cobalt, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.002	0.0280	Background	No Exceedance
AW-21	UA	E009	Fluoride, total	mg/L	02/11/21 - 04/21/25	18	6	CB around linear reg	0.141	4.0	Standard	No Exceedance
AW-21	UA	E009	Lead, total	mg/L	02/11/21 - 04/21/25	18	94	CI around median	0.001	0.0330	Background	No Exceedance
AW-21	UA	E009	Lithium, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.02	0.0710	Background	No Exceedance
AW-21	UA	E009	Mercury, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
AW-21	UA	E009	Molybdenum, total	mg/L	02/11/21 - 04/21/25	18	0	CI around mean	0.0176	0.1	Standard	No Exceedance
AW-21	UA	E009	pH (field)	SU	02/11/21 - 04/21/25	18	0	CI around median	7.2/7.3	6.3/9.0	Background/Standard	No Exceedance
AW-21	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 04/21/25	18	0	CI around mean	0.556	9.60	Background	No Exceedance
AW-21	UA	E009	Selenium, total	mg/L	02/11/21 - 04/21/25	18	56	CI around median	0.001	0.05	Standard	No Exceedance

TABLE 2.
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-21	UA	E009	Sulfate, total	mg/L	02/11/21 - 04/21/25	18	0	CI around median	230	400	Standard	No Exceedance
AW-21	UA	E009	Thallium, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-21	UA	E009	Total Dissolved Solids	mg/L	02/11/21 - 04/21/25	18	0	CI around mean	656	1,200	Standard	No Exceedance

Notes:
Compliance Result:
No Exceedance: the statistical result did not exceed the GWPS.
Exceedance: The statistical result exceeded the GWPS.

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

Events:
E009 = Quarter 2, 2025 sampling event
HSU = hydrostratigraphic unit:
PMP = Potential Migration Pathway
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
Most recent sample = Result for the most recently collected sample used due to insufficient data
Statistical Result = calculated in accordance with the Statistical Analysis Plan using constituent concentrations observed at each monitoring well during all sampling events within the specified date range
Statistical Result Code (if applicable):
NR¹ = Parameter not analyzed.
NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS³ = The location was not accessible; therefore, a sample was not collected.
NS⁴ = The location could not be found; therefore, a sample was not collected.
NS⁵ = The location was damaged; therefore, a sample was not collected.
NS⁶ = Sampling pump could not yield a sample.
NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS⁸ = A sample was not collected.
PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.
For pH, the values presented are the lower / upper limits
GWPS Source:
Background = background concentration
Standard = standard specified in 35 I.A.C. § 845.600(a)(1)

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AP07S	PMP	E010	Antimony, total	mg/L	02/10/21 - 07/22/25	19	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AP07S	PMP	E010	Arsenic, total	mg/L	02/10/21 - 07/22/25	19	90	CI around median	0.001	0.0300	Background	No Exceedance
AP07S	PMP	E010	Barium, total	mg/L	02/10/21 - 07/22/25	19	0	CI around mean	0.0647	2.07	Background	No Exceedance
AP07S	PMP	E010	Beryllium, total	mg/L	02/10/21 - 07/22/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AP07S	PMP	E010	Boron, total	mg/L	02/10/21 - 07/22/25	19	0	CB around linear reg	9.78	2	Standard	Exceedance
AP07S	PMP	E010	Cadmium, total	mg/L	02/10/21 - 07/22/25	19	90	CI around median	0.001	0.005	Standard	No Exceedance
AP07S	PMP	E010	Chloride, total	mg/L	02/10/21 - 07/22/25	19	0	CB around linear reg	31.3	200	Standard	No Exceedance
AP07S	PMP	E010	Chromium, total	mg/L	02/10/21 - 07/22/25	19	79	CI around median	0.004	0.1	Standard	No Exceedance
AP07S	PMP	E010	Cobalt, total	mg/L	02/10/21 - 07/22/25	19	16	CI around geomean	0.00212	0.0280	Background	No Exceedance
AP07S	PMP	E010	Fluoride, total	mg/L	02/10/21 - 07/22/25	19	63	CI around median	0.25	4.0	Standard	No Exceedance
AP07S	PMP	E010	Lead, total	mg/L	02/10/21 - 07/22/25	19	74	CI around median	0.001	0.0330	Background	No Exceedance
AP07S	PMP	E010	Lithium, total	mg/L	02/10/21 - 07/22/25	19	100	All ND - Last	0.02	0.0710	Background	No Exceedance
AP07S	PMP	E010	Mercury, total	mg/L	02/10/21 - 07/22/25	19	95	CI around median	0.0002	0.002	Standard	No Exceedance
AP07S	PMP	E010	Molybdenum, total	mg/L	02/10/21 - 07/22/25	19	58	CI around median	0.001	0.1	Standard	No Exceedance
AP07S	PMP	E010	pH (field)	SU	02/10/21 - 07/22/25	19	0	CB around linear reg	6.8/7.3	6.3/9.0	Background/Standard	No Exceedance
AP07S	PMP	E010	Radium 226 + Radium 228, total	pCi/L	02/10/21 - 07/22/25	19	0	CI around mean	0.539	9.60	Background	No Exceedance
AP07S	PMP	E010	Selenium, total	mg/L	02/10/21 - 07/22/25	19	100	All ND - Last	0.001	0.05	Standard	No Exceedance
AP07S	PMP	E010	Sulfate, total	mg/L	02/10/21 - 07/22/25	19	0	CI around median	180	400	Standard	No Exceedance
AP07S	PMP	E010	Thallium, total	mg/L	02/10/21 - 07/22/25	19	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AP07S	PMP	E010	Total Dissolved Solids	mg/L	02/10/21 - 07/22/25	19	0	CI around mean	860	1,200	Standard	No Exceedance
AW-01	PMP	E010	Antimony, total	mg/L	11/18/22 - 07/22/25	14	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-01	PMP	E010	Arsenic, total	mg/L	11/18/22 - 07/22/25	14	0	CI around geomean	0.00399	0.0300	Background	No Exceedance
AW-01	PMP	E010	Barium, total	mg/L	11/18/22 - 07/22/25	14	0	CI around mean	0.0976	2.07	Background	No Exceedance
AW-01	PMP	E010	Beryllium, total	mg/L	11/18/22 - 07/22/25	14	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-01	PMP	E010	Boron, total	mg/L	11/18/22 - 07/22/25	14	0	CI around median	0.072	2	Standard	No Exceedance
AW-01	PMP	E010	Cadmium, total	mg/L	11/18/22 - 07/22/25	14	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-01	PMP	E010	Chloride, total	mg/L	11/18/22 - 07/22/25	14	0	CB around T-S line	-3.37	200	Standard	No Exceedance

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-01	PMP	E010	Chromium, total	mg/L	11/18/22 - 07/22/25	14	86	CI around median	0.004	0.1	Standard	No Exceedance
AW-01	PMP	E010	Cobalt, total	mg/L	11/18/22 - 07/22/25	14	21	CI around mean	0.00259	0.0280	Background	No Exceedance
AW-01	PMP	E010	Fluoride, total	mg/L	11/18/22 - 07/22/25	14	64	CI around median	0.25	4.0	Standard	No Exceedance
AW-01	PMP	E010	Lead, total	mg/L	11/18/22 - 07/22/25	14	79	CI around median	0.001	0.0330	Background	No Exceedance
AW-01	PMP	E010	Lithium, total	mg/L	11/18/22 - 07/22/25	14	100	All ND - Last	0.02	0.0710	Background	No Exceedance
AW-01	PMP	E010	Mercury, total	mg/L	11/18/22 - 07/22/25	14	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
AW-01	PMP	E010	Molybdenum, total	mg/L	11/18/22 - 07/22/25	14	0	CI around mean	0.00292	0.1	Standard	No Exceedance
AW-01	PMP	E010	pH (field)	SU	11/18/22 - 07/22/25	14	0	CI around mean	6.7/7.1	6.3/9.0	Background/Standard	No Exceedance
AW-01	PMP	E010	Radium 226 + Radium 228, total	pCi/L	11/18/22 - 07/22/25	14	0	CI around median	0.288	9.60	Background	No Exceedance
AW-01	PMP	E010	Selenium, total	mg/L	11/18/22 - 07/22/25	14	93	CI around median	0.001	0.05	Standard	No Exceedance
AW-01	PMP	E010	Sulfate, total	mg/L	11/18/22 - 07/22/25	14	0	CI around median	41	400	Standard	No Exceedance
AW-01	PMP	E010	Thallium, total	mg/L	11/18/22 - 07/22/25	14	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-01	PMP	E010	Total Dissolved Solids	mg/L	11/18/22 - 07/22/25	14	0	CB around linear reg	559	1,200	Standard	No Exceedance
AW-05	UA	E010	Antimony, total	mg/L	11/09/15 - 07/21/25	23	96	Most recent sample	0.003	0.006	Standard	No Exceedance
AW-05	UA	E010	Arsenic, total	mg/L	11/09/15 - 07/21/25	23	0	CB around T-S line	-0.00606	0.0300	Background	No Exceedance
AW-05	UA	E010	Barium, total	mg/L	11/09/15 - 07/21/25	23	0	CB around linear reg	-0.0254	2.07	Background	No Exceedance
AW-05	UA	E010	Beryllium, total	mg/L	11/09/15 - 07/21/25	22	91	CI around median	0.001	0.004	Standard	No Exceedance
AW-05	UA	E010	Boron, total	mg/L	11/09/15 - 07/21/25	24	0	CB around linear reg	6.15	2	Standard	Exceedance
AW-05	UA	E010	Cadmium, total	mg/L	11/09/15 - 07/21/25	23	91	CI around median	0.001	0.005	Standard	No Exceedance
AW-05	UA	E010	Chloride, total	mg/L	11/09/15 - 07/21/25	24	0	CB around T-S line	-62.2	200	Standard	No Exceedance
AW-05	UA	E010	Chromium, total	mg/L	11/09/15 - 07/21/25	23	48	CB around T-S line	-0.00891	0.1	Standard	No Exceedance
AW-05	UA	E010	Cobalt, total	mg/L	11/09/15 - 07/21/25	23	35	CB around T-S line	-0.00648	0.0280	Background	No Exceedance
AW-05	UA	E010	Fluoride, total	mg/L	11/09/15 - 07/21/25	24	62	CI around median	0.25	4.0	Standard	No Exceedance
AW-05	UA	E010	Lead, total	mg/L	11/09/15 - 07/21/25	22	46	CI around median	0.001	0.0330	Background	No Exceedance
AW-05	UA	E010	Lithium, total	mg/L	11/09/15 - 07/21/25	23	48	CB around T-S line	0.00224	0.0710	Background	No Exceedance
AW-05	UA	E010	Mercury, total	mg/L	11/09/15 - 07/21/25	23	96	CI around median	0.0002	0.002	Standard	No Exceedance
AW-05	UA	E010	Molybdenum, total	mg/L	11/09/15 - 07/21/25	23	0	CB around linear reg	0.00133	0.1	Standard	No Exceedance

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BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-05	UA	E010	pH (field)	SU	11/09/15 - 07/21/25	24	0	CI around median	7.0/7.2	6.3/9.0	Background/Standard	No Exceedance
AW-05	UA	E010	Radium 226 + Radium 228, total	pCi/L	11/09/15 - 07/21/25	23	0	CI around median	0.465	9.60	Background	No Exceedance
AW-05	UA	E010	Selenium, total	mg/L	11/09/15 - 07/21/25	23	65	CB around T-S line	0.000789	0.05	Standard	No Exceedance
AW-05	UA	E010	Sulfate, total	mg/L	11/09/15 - 07/21/25	24	0	CB around T-S line	318	400	Standard	No Exceedance
AW-05	UA	E010	Thallium, total	mg/L	11/09/15 - 07/21/25	22	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-05	UA	E010	Total Dissolved Solids	mg/L	11/09/15 - 07/21/25	24	0	CI around geomean	1,060	1,200	Standard	No Exceedance
AW-06	UA	E010	Antimony, total	mg/L	11/10/15 - 07/21/25	24	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-06	UA	E010	Arsenic, total	mg/L	11/10/15 - 07/21/25	29	0	CI around geomean	0.00305	0.0300	Background	No Exceedance
AW-06	UA	E010	Barium, total	mg/L	11/10/15 - 07/21/25	29	0	CB around T-S line	0.102	2.07	Background	No Exceedance
AW-06	UA	E010	Beryllium, total	mg/L	11/10/15 - 07/21/25	29	90	CI around median	0.001	0.004	Standard	No Exceedance
AW-06	UA	E010	Boron, total	mg/L	11/10/15 - 07/21/25	30	0	CB around T-S line	0.0348	2	Standard	No Exceedance
AW-06	UA	E010	Cadmium, total	mg/L	11/10/15 - 07/21/25	24	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-06	UA	E010	Chloride, total	mg/L	11/10/15 - 07/21/25	30	0	CI around median	35	200	Standard	No Exceedance
AW-06	UA	E010	Chromium, total	mg/L	11/10/15 - 07/21/25	29	62	CB around T-S line	-0.00259	0.1	Standard	No Exceedance
AW-06	UA	E010	Cobalt, total	mg/L	11/10/15 - 07/21/25	29	66	CB around T-S line	-0.00118	0.0280	Background	No Exceedance
AW-06	UA	E010	Fluoride, total	mg/L	11/10/15 - 07/21/25	30	7	CI around mean	0.304	4.0	Standard	No Exceedance
AW-06	UA	E010	Lead, total	mg/L	11/10/15 - 07/21/25	29	48	CB around T-S line	-0.00272	0.0330	Background	No Exceedance
AW-06	UA	E010	Lithium, total	mg/L	11/10/15 - 07/21/25	29	59	CI around median	0.02	0.0710	Background	No Exceedance
AW-06	UA	E010	Mercury, total	mg/L	11/10/15 - 07/21/25	24	96	CI around median	0.0002	0.002	Standard	No Exceedance
AW-06	UA	E010	Molybdenum, total	mg/L	11/10/15 - 07/21/25	29	0	CI around mean	0.00499	0.1	Standard	No Exceedance
AW-06	UA	E010	pH (field)	SU	11/10/15 - 07/21/25	30	0	CI around median	7.1/7.3	6.3/9.0	Background/Standard	No Exceedance
AW-06	UA	E010	Radium 226 + Radium 228, total	pCi/L	11/10/15 - 07/21/25	29	0	CB around linear reg	-0.15	9.60	Background	No Exceedance
AW-06	UA	E010	Selenium, total	mg/L	11/10/15 - 07/21/25	29	79	CI around median	0.001	0.05	Standard	No Exceedance
AW-06	UA	E010	Sulfate, total	mg/L	11/10/15 - 07/21/25	30	0	CB around linear reg	16.7	400	Standard	No Exceedance
AW-06	UA	E010	Thallium, total	mg/L	11/10/15 - 07/21/25	24	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-06	UA	E010	Total Dissolved Solids	mg/L	11/10/15 - 07/21/25	30	0	CI around mean	520	1,200	Standard	No Exceedance
AW-09	UA	E010	Antimony, total	mg/L	11/10/15 - 07/22/25	24	100	All ND - Last	0.003	0.006	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-09	UA	E010	Arsenic, total	mg/L	11/10/15 - 07/22/25	29	10	CI around mean	0.0137	0.0300	Background	No Exceedance
AW-09	UA	E010	Barium, total	mg/L	11/10/15 - 07/22/25	29	0	CI around geomean	0.314	2.07	Background	No Exceedance
AW-09	UA	E010	Beryllium, total	mg/L	11/10/15 - 07/22/25	29	86	CB around T-S line	0.001	0.004	Standard	No Exceedance
AW-09	UA	E010	Boron, total	mg/L	11/10/15 - 07/22/25	30	0	CB around linear reg	-0.0259	2	Standard	No Exceedance
AW-09	UA	E010	Cadmium, total	mg/L	11/10/15 - 07/22/25	24	92	CI around median	0.001	0.005	Standard	No Exceedance
AW-09	UA	E010	Chloride, total	mg/L	11/10/15 - 07/22/25	30	0	CI around median	27	200	Standard	No Exceedance
AW-09	UA	E010	Chromium, total	mg/L	11/10/15 - 07/22/25	29	66	CB around T-S line	-0.0289	0.1	Standard	No Exceedance
AW-09	UA	E010	Cobalt, total	mg/L	11/10/15 - 07/22/25	29	10	CB around T-S line	-0.0152	0.0280	Background	No Exceedance
AW-09	UA	E010	Fluoride, total	mg/L	11/10/15 - 07/22/25	30	70	CB around T-S line	0.204	4.0	Standard	No Exceedance
AW-09	UA	E010	Lead, total	mg/L	11/10/15 - 07/22/25	29	55	CB around T-S line	-0.0191	0.0330	Background	No Exceedance
AW-09	UA	E010	Lithium, total	mg/L	11/10/15 - 07/22/25	29	45	CB around T-S line	-0.0181	0.0710	Background	No Exceedance
AW-09	UA	E010	Mercury, total	mg/L	11/10/15 - 07/22/25	24	96	CI around median	0.0002	0.002	Standard	No Exceedance
AW-09	UA	E010	Molybdenum, total	mg/L	11/10/15 - 07/22/25	29	0	CI around median	0.014	0.1	Standard	No Exceedance
AW-09	UA	E010	pH (field)	SU	11/10/15 - 07/22/25	30	0	CI around median	6.9/7.0	6.3/9.0	Background/Standard	No Exceedance
AW-09	UA	E010	Radium 226 + Radium 228, total	pCi/L	11/10/15 - 07/22/25	29	0	CI around median	0.791	9.60	Background	No Exceedance
AW-09	UA	E010	Selenium, total	mg/L	11/10/15 - 07/22/25	29	72	CB around T-S line	0.0000366	0.05	Standard	No Exceedance
AW-09	UA	E010	Sulfate, total	mg/L	11/10/15 - 07/22/25	30	63	CB around T-S line	-19.6	400	Standard	No Exceedance
AW-09	UA	E010	Thallium, total	mg/L	11/10/15 - 07/22/25	24	96	CI around median	0.001	0.002	Standard	No Exceedance
AW-09	UA	E010	Total Dissolved Solids	mg/L	11/10/15 - 07/22/25	30	0	CB around T-S line	760	1,200	Standard	No Exceedance
AW-10	UA	E010	Antimony, total	mg/L	11/09/15 - 07/22/25	25	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-10	UA	E010	Arsenic, total	mg/L	11/09/15 - 07/22/25	30	0	CI around median	0.0098	0.0300	Background	No Exceedance
AW-10	UA	E010	Barium, total	mg/L	11/09/15 - 07/22/25	30	0	CI around median	0.93	2.07	Background	No Exceedance
AW-10	UA	E010	Beryllium, total	mg/L	11/09/15 - 07/22/25	30	80	CI around median	0.001	0.004	Standard	No Exceedance
AW-10	UA	E010	Boron, total	mg/L	11/09/15 - 07/22/25	31	0	CI around mean	0.462	2	Standard	No Exceedance
AW-10	UA	E010	Cadmium, total	mg/L	11/09/15 - 07/22/25	25	96	CI around median	0.001	0.005	Standard	No Exceedance
AW-10	UA	E010	Chloride, total	mg/L	11/09/15 - 07/22/25	31	0	CI around mean	87	200	Standard	No Exceedance
AW-10	UA	E010	Chromium, total	mg/L	11/09/15 - 07/22/25	30	30	CI around median	0.004	0.1	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-10	UA	E010	Cobalt, total	mg/L	11/09/15 - 07/22/25	30	3	CI around geomean	0.0045	0.0280	Background	No Exceedance
AW-10	UA	E010	Fluoride, total	mg/L	11/09/15 - 07/22/25	31	97	CI around median	0.25	4.0	Standard	No Exceedance
AW-10	UA	E010	Lead, total	mg/L	11/09/15 - 07/22/25	30	10	CI around geomean	0.00259	0.0330	Background	No Exceedance
AW-10	UA	E010	Lithium, total	mg/L	11/09/15 - 07/22/25	30	0	CB around T-S line	0.000453	0.0710	Background	No Exceedance
AW-10	UA	E010	Mercury, total	mg/L	11/09/15 - 07/22/25	25	96	CI around median	0.0002	0.002	Standard	No Exceedance
AW-10	UA	E010	Molybdenum, total	mg/L	11/09/15 - 07/22/25	30	20	CI around median	0.0012	0.1	Standard	No Exceedance
AW-10	UA	E010	pH (field)	SU	11/09/15 - 07/22/25	32	0	CI around median	7.0/7.1	6.3/9.0	Background/Standard	No Exceedance
AW-10	UA	E010	Radium 226 + Radium 228, total	pCi/L	11/09/15 - 07/22/25	30	0	CI around mean	2.46	9.60	Background	No Exceedance
AW-10	UA	E010	Selenium, total	mg/L	11/09/15 - 07/22/25	30	70	CB around T-S line	0.000454	0.05	Standard	No Exceedance
AW-10	UA	E010	Sulfate, total	mg/L	11/09/15 - 07/22/25	31	84	CB around T-S line	1	400	Standard	No Exceedance
AW-10	UA	E010	Thallium, total	mg/L	11/09/15 - 07/22/25	25	96	CI around median	0.001	0.002	Standard	No Exceedance
AW-10	UA	E010	Total Dissolved Solids	mg/L	11/09/15 - 07/22/25	31	0	CI around median	1,100	1,200	Standard	No Exceedance
AW-11	UA	E010	Antimony, total	mg/L	11/09/15 - 07/25/25	24	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-11	UA	E010	Arsenic, total	mg/L	11/09/15 - 07/25/25	29	0	CB around T-S line	0.00556	0.0300	Background	No Exceedance
AW-11	UA	E010	Barium, total	mg/L	11/09/15 - 07/25/25	29	0	CI around median	0.85	2.07	Background	No Exceedance
AW-11	UA	E010	Beryllium, total	mg/L	11/09/15 - 07/25/25	29	83	CI around median	0.001	0.004	Standard	No Exceedance
AW-11	UA	E010	Boron, total	mg/L	11/09/15 - 07/25/25	30	0	CI around mean	0.227	2	Standard	No Exceedance
AW-11	UA	E010	Cadmium, total	mg/L	11/09/15 - 07/25/25	24	88	CI around median	0.001	0.005	Standard	No Exceedance
AW-11	UA	E010	Chloride, total	mg/L	11/09/15 - 07/25/25	30	0	CI around mean	31.9	200	Standard	No Exceedance
AW-11	UA	E010	Chromium, total	mg/L	11/09/15 - 07/25/25	29	62	CB around T-S line	-0.0158	0.1	Standard	No Exceedance
AW-11	UA	E010	Cobalt, total	mg/L	11/09/15 - 07/25/25	29	41	CB around T-S line	-0.00341	0.0280	Background	No Exceedance
AW-11	UA	E010	Fluoride, total	mg/L	11/09/15 - 07/25/25	30	90	CI around median	0.25	4.0	Standard	No Exceedance
AW-11	UA	E010	Lead, total	mg/L	11/09/15 - 07/25/25	29	48	CB around T-S line	-0.00597	0.0330	Background	No Exceedance
AW-11	UA	E010	Lithium, total	mg/L	11/09/15 - 07/25/25	29	21	CB around T-S line	-0.0102	0.0710	Background	No Exceedance
AW-11	UA	E010	Mercury, total	mg/L	11/09/15 - 07/25/25	24	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
AW-11	UA	E010	Molybdenum, total	mg/L	11/09/15 - 07/25/25	29	21	CB around linear reg	-0.00128	0.1	Standard	No Exceedance
AW-11	UA	E010	pH (field)	SU	11/09/15 - 07/25/25	30	0	CI around median	6.9/7.2	6.3/9.0	Background/Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-11	UA	E010	Radium 226 + Radium 228, total	pCi/L	11/09/15 - 07/25/25	29	0	CI around median	1.91	9.60	Background	No Exceedance
AW-11	UA	E010	Selenium, total	mg/L	11/09/15 - 07/25/25	29	76	CB around T-S line	0.000452	0.05	Standard	No Exceedance
AW-11	UA	E010	Sulfate, total	mg/L	11/09/15 - 07/25/25	30	73	CB around T-S line	0.492	400	Standard	No Exceedance
AW-11	UA	E010	Thallium, total	mg/L	11/09/15 - 07/25/25	24	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-11	UA	E010	Total Dissolved Solids	mg/L	11/09/15 - 07/25/25	30	0	CB around T-S line	942	1,200	Standard	No Exceedance
AW-14	UA	E010	Antimony, total	mg/L	02/11/21 - 07/21/25	18	94	CI around median	0.003	0.006	Standard	No Exceedance
AW-14	UA	E010	Arsenic, total	mg/L	02/11/21 - 07/21/25	18	0	CB around T-S line	-0.00187	0.0300	Background	No Exceedance
AW-14	UA	E010	Barium, total	mg/L	02/11/21 - 07/21/25	18	0	CI around mean	0.624	2.07	Background	No Exceedance
AW-14	UA	E010	Beryllium, total	mg/L	02/11/21 - 07/21/25	18	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-14	UA	E010	Boron, total	mg/L	02/11/21 - 07/21/25	18	0	CI around median	0.18	2	Standard	No Exceedance
AW-14	UA	E010	Cadmium, total	mg/L	02/11/21 - 07/21/25	18	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-14	UA	E010	Chloride, total	mg/L	02/11/21 - 07/21/25	18	0	CI around median	24	200	Standard	No Exceedance
AW-14	UA	E010	Chromium, total	mg/L	02/11/21 - 07/21/25	18	94	CI around median	0.004	0.1	Standard	No Exceedance
AW-14	UA	E010	Cobalt, total	mg/L	02/11/21 - 07/21/25	18	44	CB around T-S line	-0.00597	0.0280	Background	No Exceedance
AW-14	UA	E010	Fluoride, total	mg/L	02/11/21 - 07/21/25	18	78	CI around median	0.25	4.0	Standard	No Exceedance
AW-14	UA	E010	Lead, total	mg/L	02/11/21 - 07/21/25	18	78	CI around median	0.001	0.0330	Background	No Exceedance
AW-14	UA	E010	Lithium, total	mg/L	02/11/21 - 07/21/25	18	72	CB around T-S line	0.0139	0.0710	Background	No Exceedance
AW-14	UA	E010	Mercury, total	mg/L	02/11/21 - 07/21/25	18	94	CI around median	0.0002	0.002	Standard	No Exceedance
AW-14	UA	E010	Molybdenum, total	mg/L	02/11/21 - 07/21/25	18	39	CB around T-S line	-0.0384	0.1	Standard	No Exceedance
AW-14	UA	E010	pH (field)	SU	02/11/21 - 07/21/25	18	0	CI around median	6.8/7.0	6.3/9.0	Background/Standard	No Exceedance
AW-14	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 07/21/25	18	0	CI around mean	2.18	9.60	Background	No Exceedance
AW-14	UA	E010	Selenium, total	mg/L	02/11/21 - 07/21/25	18	89	CI around median	0.001	0.05	Standard	No Exceedance
AW-14	UA	E010	Sulfate, total	mg/L	02/11/21 - 07/21/25	18	11	CI around geomean	1.93	400	Standard	No Exceedance
AW-14	UA	E010	Thallium, total	mg/L	02/11/21 - 07/21/25	18	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-14	UA	E010	Total Dissolved Solids	mg/L	02/11/21 - 07/21/25	18	0	CI around median	960	1,200	Standard	No Exceedance
AW-15	UA	E010	Antimony, total	mg/L	02/12/21 - 07/22/25	16	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-15	UA	E010	Arsenic, total	mg/L	02/12/21 - 07/22/25	16	6	CI around mean	0.00152	0.0300	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-15	UA	E010	Barium, total	mg/L	02/12/21 - 07/22/25	16	0	CI around mean	1.66	2.07	Background	No Exceedance
AW-15	UA	E010	Beryllium, total	mg/L	02/12/21 - 07/22/25	16	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-15	UA	E010	Boron, total	mg/L	02/12/21 - 07/22/25	16	0	CI around mean	0.355	2	Standard	No Exceedance
AW-15	UA	E010	Cadmium, total	mg/L	02/12/21 - 07/22/25	16	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-15	UA	E010	Chloride, total	mg/L	02/12/21 - 07/22/25	16	0	CI around geomean	34.2	200	Standard	No Exceedance
AW-15	UA	E010	Chromium, total	mg/L	02/12/21 - 07/22/25	16	100	All ND - Last	0.004	0.1	Standard	No Exceedance
AW-15	UA	E010	Cobalt, total	mg/L	02/12/21 - 07/22/25	16	94	CI around median	0.002	0.0280	Background	No Exceedance
AW-15	UA	E010	Fluoride, total	mg/L	02/12/21 - 07/22/25	16	88	CI around median	0.25	4.0	Standard	No Exceedance
AW-15	UA	E010	Lead, total	mg/L	02/12/21 - 07/22/25	16	100	All ND - Last	0.001	0.0330	Background	No Exceedance
AW-15	UA	E010	Lithium, total	mg/L	02/12/21 - 07/22/25	16	0	CI around geomean	0.0293	0.0710	Background	No Exceedance
AW-15	UA	E010	Mercury, total	mg/L	02/12/21 - 07/22/25	16	94	CI around median	0.0002	0.002	Standard	No Exceedance
AW-15	UA	E010	Molybdenum, total	mg/L	02/12/21 - 07/22/25	16	88	CI around median	0.001	0.1	Standard	No Exceedance
AW-15	UA	E010	pH (field)	SU	02/12/21 - 07/22/25	15	0	CI around median	6.7/7.0	6.3/9.0	Background/Standard	No Exceedance
AW-15	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/12/21 - 07/22/25	16	0	CI around mean	4.02	9.60	Background	No Exceedance
AW-15	UA	E010	Selenium, total	mg/L	02/12/21 - 07/22/25	16	100	All ND - Last	0.001	0.05	Standard	No Exceedance
AW-15	UA	E010	Sulfate, total	mg/L	02/12/21 - 07/22/25	16	94	Most recent sample	1	400	Standard	No Exceedance
AW-15	UA	E010	Thallium, total	mg/L	02/12/21 - 07/22/25	16	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-15	UA	E010	Total Dissolved Solids	mg/L	02/12/21 - 07/22/25	16	0	CI around geomean	957	1,200	Standard	No Exceedance
AW-15S	PMP	E010	Antimony, total	mg/L	02/12/21 - 07/22/25	19	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-15S	PMP	E010	Arsenic, total	mg/L	02/12/21 - 07/22/25	19	74	CI around median	0.001	0.0300	Background	No Exceedance
AW-15S	PMP	E010	Barium, total	mg/L	02/12/21 - 07/22/25	19	0	CB around T-S line	0.0429	2.07	Background	No Exceedance
AW-15S	PMP	E010	Beryllium, total	mg/L	02/12/21 - 07/22/25	19	95	CI around median	0.001	0.004	Standard	No Exceedance
AW-15S	PMP	E010	Boron, total	mg/L	02/12/21 - 07/22/25	19	0	CI around mean	5.66	2	Standard	Exceedance
AW-15S	PMP	E010	Cadmium, total	mg/L	02/12/21 - 07/22/25	19	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-15S	PMP	E010	Chloride, total	mg/L	02/12/21 - 07/22/25	19	0	CB around linear reg	22.1	200	Standard	No Exceedance
AW-15S	PMP	E010	Chromium, total	mg/L	02/12/21 - 07/22/25	19	95	CI around median	0.004	0.1	Standard	No Exceedance
AW-15S	PMP	E010	Cobalt, total	mg/L	02/12/21 - 07/22/25	19	95	CI around median	0.002	0.0280	Background	No Exceedance

TABLE 2.
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EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-15S	PMP	E010	Fluoride, total	mg/L	02/12/21 - 07/22/25	19	42	CI around median	0.25	4.0	Standard	No Exceedance
AW-15S	PMP	E010	Lead, total	mg/L	02/12/21 - 07/22/25	19	90	CI around median	0.001	0.0330	Background	No Exceedance
AW-15S	PMP	E010	Lithium, total	mg/L	02/12/21 - 07/22/25	19	90	CI around median	0.02	0.0710	Background	No Exceedance
AW-15S	PMP	E010	Mercury, total	mg/L	02/12/21 - 07/22/25	19	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
AW-15S	PMP	E010	Molybdenum, total	mg/L	02/12/21 - 07/22/25	19	0	CB around linear reg	0.00201	0.1	Standard	No Exceedance
AW-15S	PMP	E010	pH (field)	SU	02/12/21 - 07/22/25	19	0	CI around median	6.8/7.0	6.3/9.0	Background/Standard	No Exceedance
AW-15S	PMP	E010	Radium 226 + Radium 228, total	pCi/L	02/12/21 - 07/22/25	18	0	CI around mean	0.478	9.60	Background	No Exceedance
AW-15S	PMP	E010	Selenium, total	mg/L	02/12/21 - 07/22/25	19	42	CI around median	0.001	0.05	Standard	No Exceedance
AW-15S	PMP	E010	Sulfate, total	mg/L	02/12/21 - 07/22/25	19	0	CI around mean	523	400	Standard	Exceedance
AW-15S	PMP	E010	Thallium, total	mg/L	02/12/21 - 07/22/25	19	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-15S	PMP	E010	Total Dissolved Solids	mg/L	02/12/21 - 07/22/25	19	0	CI around median	1,200	1,200	Standard	No Exceedance
AW-16	UA	E010	Antimony, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-16	UA	E010	Arsenic, total	mg/L	02/11/21 - 07/22/25	19	21	CI around mean	0.00102	0.0300	Background	No Exceedance
AW-16	UA	E010	Barium, total	mg/L	02/11/21 - 07/22/25	19	0	CB around linear reg	0.965	2.07	Background	No Exceedance
AW-16	UA	E010	Beryllium, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-16	UA	E010	Boron, total	mg/L	02/11/21 - 07/22/25	19	0	CB around linear reg	0.376	2	Standard	No Exceedance
AW-16	UA	E010	Cadmium, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-16	UA	E010	Chloride, total	mg/L	02/11/21 - 07/22/25	19	0	CB around linear reg	42.7	200	Standard	No Exceedance
AW-16	UA	E010	Chromium, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.004	0.1	Standard	No Exceedance
AW-16	UA	E010	Cobalt, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.002	0.0280	Background	No Exceedance
AW-16	UA	E010	Fluoride, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.25	4.0	Standard	No Exceedance
AW-16	UA	E010	Lead, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.001	0.0330	Background	No Exceedance
AW-16	UA	E010	Lithium, total	mg/L	02/11/21 - 07/22/25	19	0	CB around T-S line	0.0188	0.0710	Background	No Exceedance
AW-16	UA	E010	Mercury, total	mg/L	02/11/21 - 07/22/25	19	95	CI around median	0.0002	0.002	Standard	No Exceedance
AW-16	UA	E010	Molybdenum, total	mg/L	02/11/21 - 07/22/25	19	95	CI around median	0.001	0.1	Standard	No Exceedance
AW-16	UA	E010	pH (field)	SU	02/11/21 - 07/22/25	19	0	CI around mean	6.6/6.8	6.3/9.0	Background/Standard	No Exceedance
AW-16	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 07/22/25	19	0	CB around linear reg	1.63	9.60	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-16	UA	E010	Selenium, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.001	0.05	Standard	No Exceedance
AW-16	UA	E010	Sulfate, total	mg/L	02/11/21 - 07/22/25	19	90	CI around median	1	400	Standard	No Exceedance
AW-16	UA	E010	Thallium, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-16	UA	E010	Total Dissolved Solids	mg/L	02/11/21 - 07/22/25	19	0	CI around median	1,100	1,200	Standard	No Exceedance
AW-17	UA	E010	Antimony, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-17	UA	E010	Arsenic, total	mg/L	02/11/21 - 07/22/25	19	0	CB around linear reg	0.00232	0.0300	Background	No Exceedance
AW-17	UA	E010	Barium, total	mg/L	02/11/21 - 07/22/25	19	0	CB around linear reg	0.886	2.07	Background	No Exceedance
AW-17	UA	E010	Beryllium, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-17	UA	E010	Boron, total	mg/L	02/11/21 - 07/22/25	19	0	CB around linear reg	0.373	2	Standard	No Exceedance
AW-17	UA	E010	Cadmium, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-17	UA	E010	Chloride, total	mg/L	02/11/21 - 07/22/25	19	0	CI around mean	51.8	200	Standard	No Exceedance
AW-17	UA	E010	Chromium, total	mg/L	02/11/21 - 07/22/25	19	79	CI around median	0.004	0.1	Standard	No Exceedance
AW-17	UA	E010	Cobalt, total	mg/L	02/11/21 - 07/22/25	19	21	CB around linear reg	0.000419	0.0280	Background	No Exceedance
AW-17	UA	E010	Fluoride, total	mg/L	02/11/21 - 07/22/25	19	95	CI around median	0.25	4.0	Standard	No Exceedance
AW-17	UA	E010	Lead, total	mg/L	02/11/21 - 07/22/25	19	79	CI around median	0.001	0.0330	Background	No Exceedance
AW-17	UA	E010	Lithium, total	mg/L	02/11/21 - 07/22/25	19	0	CB around T-S line	0.0013	0.0710	Background	No Exceedance
AW-17	UA	E010	Mercury, total	mg/L	02/11/21 - 07/22/25	19	95	CI around median	0.0002	0.002	Standard	No Exceedance
AW-17	UA	E010	Molybdenum, total	mg/L	02/11/21 - 07/22/25	19	63	CB around T-S line	-0.000146	0.1	Standard	No Exceedance
AW-17	UA	E010	pH (field)	SU	02/11/21 - 07/22/25	19	0	CI around mean	6.7/7.0	6.3/9.0	Background/Standard	No Exceedance
AW-17	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 07/22/25	19	0	CI around mean	2.41	9.60	Background	No Exceedance
AW-17	UA	E010	Selenium, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.001	0.05	Standard	No Exceedance
AW-17	UA	E010	Sulfate, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	1	400	Standard	No Exceedance
AW-17	UA	E010	Thallium, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-17	UA	E010	Total Dissolved Solids	mg/L	02/11/21 - 07/22/25	19	0	CI around mean	867	1,200	Standard	No Exceedance
AW-18	UA	E010	Antimony, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-18	UA	E010	Arsenic, total	mg/L	02/11/21 - 07/21/25	19	0	CI around geomean	0.00327	0.0300	Background	No Exceedance
AW-18	UA	E010	Barium, total	mg/L	02/11/21 - 07/21/25	19	0	CB around linear reg	1.25	2.07	Background	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-18	UA	E010	Beryllium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-18	UA	E010	Boron, total	mg/L	02/11/21 - 07/21/25	19	0	CI around mean	0.674	2	Standard	No Exceedance
AW-18	UA	E010	Cadmium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-18	UA	E010	Chloride, total	mg/L	02/11/21 - 07/21/25	19	0	CB around linear reg	86.6	200	Standard	No Exceedance
AW-18	UA	E010	Chromium, total	mg/L	02/11/21 - 07/21/25	19	90	CI around median	0.004	0.1	Standard	No Exceedance
AW-18	UA	E010	Cobalt, total	mg/L	02/11/21 - 07/21/25	19	84	CI around median	0.002	0.0280	Background	No Exceedance
AW-18	UA	E010	Fluoride, total	mg/L	02/11/21 - 07/21/25	19	68	CB around T-S line	-3.82	4.0	Standard	No Exceedance
AW-18	UA	E010	Lead, total	mg/L	02/11/21 - 07/21/25	19	84	CI around median	0.001	0.0330	Background	No Exceedance
AW-18	UA	E010	Lithium, total	mg/L	02/11/21 - 07/21/25	19	5	CB around linear reg	-0.019	0.0710	Background	No Exceedance
AW-18	UA	E010	Mercury, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
AW-18	UA	E010	Molybdenum, total	mg/L	02/11/21 - 07/21/25	19	0	CB around linear reg	-0.00843	0.1	Standard	No Exceedance
AW-18	UA	E010	pH (field)	SU	02/11/21 - 07/21/25	19	0	CI around mean	6.7/6.9	6.3/9.0	Background/Standard	No Exceedance
AW-18	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 07/21/25	19	0	CI around mean	2.63	9.60	Background	No Exceedance
AW-18	UA	E010	Selenium, total	mg/L	02/11/21 - 07/21/25	19	95	CI around median	0.001	0.05	Standard	No Exceedance
AW-18	UA	E010	Sulfate, total	mg/L	02/11/21 - 07/21/25	19	5	CB around linear reg	-5.04	400	Standard	No Exceedance
AW-18	UA	E010	Thallium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-18	UA	E010	Total Dissolved Solids	mg/L	02/11/21 - 07/21/25	19	0	CI around mean	825	1,200	Standard	No Exceedance
AW-19	UA	E010	Antimony, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-19	UA	E010	Arsenic, total	mg/L	02/11/21 - 07/21/25	19	0	CI around mean	0.0116	0.0300	Background	No Exceedance
AW-19	UA	E010	Barium, total	mg/L	02/11/21 - 07/21/25	19	0	CI around median	0.18	2.07	Background	No Exceedance
AW-19	UA	E010	Beryllium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-19	UA	E010	Boron, total	mg/L	02/11/21 - 07/21/25	19	0	CB around linear reg	2.92	2	Standard	Exceedance
AW-19	UA	E010	Cadmium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-19	UA	E010	Chloride, total	mg/L	02/11/21 - 07/21/25	19	0	CI around mean	76.2	200	Standard	No Exceedance
AW-19	UA	E010	Chromium, total	mg/L	02/11/21 - 07/21/25	19	79	CI around median	0.004	0.1	Standard	No Exceedance
AW-19	UA	E010	Cobalt, total	mg/L	02/11/21 - 07/21/25	19	79	CI around median	0.002	0.0280	Background	No Exceedance
AW-19	UA	E010	Fluoride, total	mg/L	02/11/21 - 07/21/25	19	26	CB around linear reg	0.19	4.0	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-19	UA	E010	Lead, total	mg/L	02/11/21 - 07/21/25	19	63	CB around T-S line	-0.00217	0.0330	Background	No Exceedance
AW-19	UA	E010	Lithium, total	mg/L	02/11/21 - 07/21/25	19	79	CB around T-S line	0.0138	0.0710	Background	No Exceedance
AW-19	UA	E010	Mercury, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
AW-19	UA	E010	Molybdenum, total	mg/L	02/11/21 - 07/21/25	19	0	CI around median	0.0036	0.1	Standard	No Exceedance
AW-19	UA	E010	pH (field)	SU	02/11/21 - 07/21/25	19	0	CI around mean	6.8/7.1	6.3/9.0	Background/Standard	No Exceedance
AW-19	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 07/21/25	19	0	CI around mean	0.55	9.60	Background	No Exceedance
AW-19	UA	E010	Selenium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.05	Standard	No Exceedance
AW-19	UA	E010	Sulfate, total	mg/L	02/11/21 - 07/21/25	19	0	CB around linear reg	55.1	400	Standard	No Exceedance
AW-19	UA	E010	Thallium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-19	UA	E010	Total Dissolved Solids	mg/L	02/11/21 - 07/21/25	19	0	CB around linear reg	608	1,200	Standard	No Exceedance
AW-21	UA	E010	Antimony, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.003	0.006	Standard	No Exceedance
AW-21	UA	E010	Arsenic, total	mg/L	02/11/21 - 07/21/25	19	21	CI around geomean	0.0011	0.0300	Background	No Exceedance
AW-21	UA	E010	Barium, total	mg/L	02/11/21 - 07/21/25	19	0	CB around linear reg	0.0446	2.07	Background	No Exceedance
AW-21	UA	E010	Beryllium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.004	Standard	No Exceedance
AW-21	UA	E010	Boron, total	mg/L	02/11/21 - 07/21/25	19	0	CI around mean	10.3	2	Standard	Exceedance
AW-21	UA	E010	Cadmium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.005	Standard	No Exceedance
AW-21	UA	E010	Chloride, total	mg/L	02/11/21 - 07/21/25	19	0	CI around mean	82.7	200	Standard	No Exceedance
AW-21	UA	E010	Chromium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.004	0.1	Standard	No Exceedance
AW-21	UA	E010	Cobalt, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.002	0.0280	Background	No Exceedance
AW-21	UA	E010	Fluoride, total	mg/L	02/11/21 - 07/21/25	19	5	CB around linear reg	0.144	4.0	Standard	No Exceedance
AW-21	UA	E010	Lead, total	mg/L	02/11/21 - 07/21/25	19	95	CI around median	0.001	0.0330	Background	No Exceedance
AW-21	UA	E010	Lithium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.02	0.0710	Background	No Exceedance
AW-21	UA	E010	Mercury, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.0002	0.002	Standard	No Exceedance
AW-21	UA	E010	Molybdenum, total	mg/L	02/11/21 - 07/21/25	19	0	CI around mean	0.0174	0.1	Standard	No Exceedance
AW-21	UA	E010	pH (field)	SU	02/11/21 - 07/21/25	19	0	CI around median	7.2/7.3	6.3/9.0	Background/Standard	No Exceedance
AW-21	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 07/21/25	19	0	CI around mean	0.503	9.60	Background	No Exceedance
AW-21	UA	E010	Selenium, total	mg/L	02/11/21 - 07/21/25	19	53	CB around T-S line	0.001	0.05	Standard	No Exceedance

TABLE 2.
EVALUATION OF COMPLIANCE - QUARTER 3, 2025
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

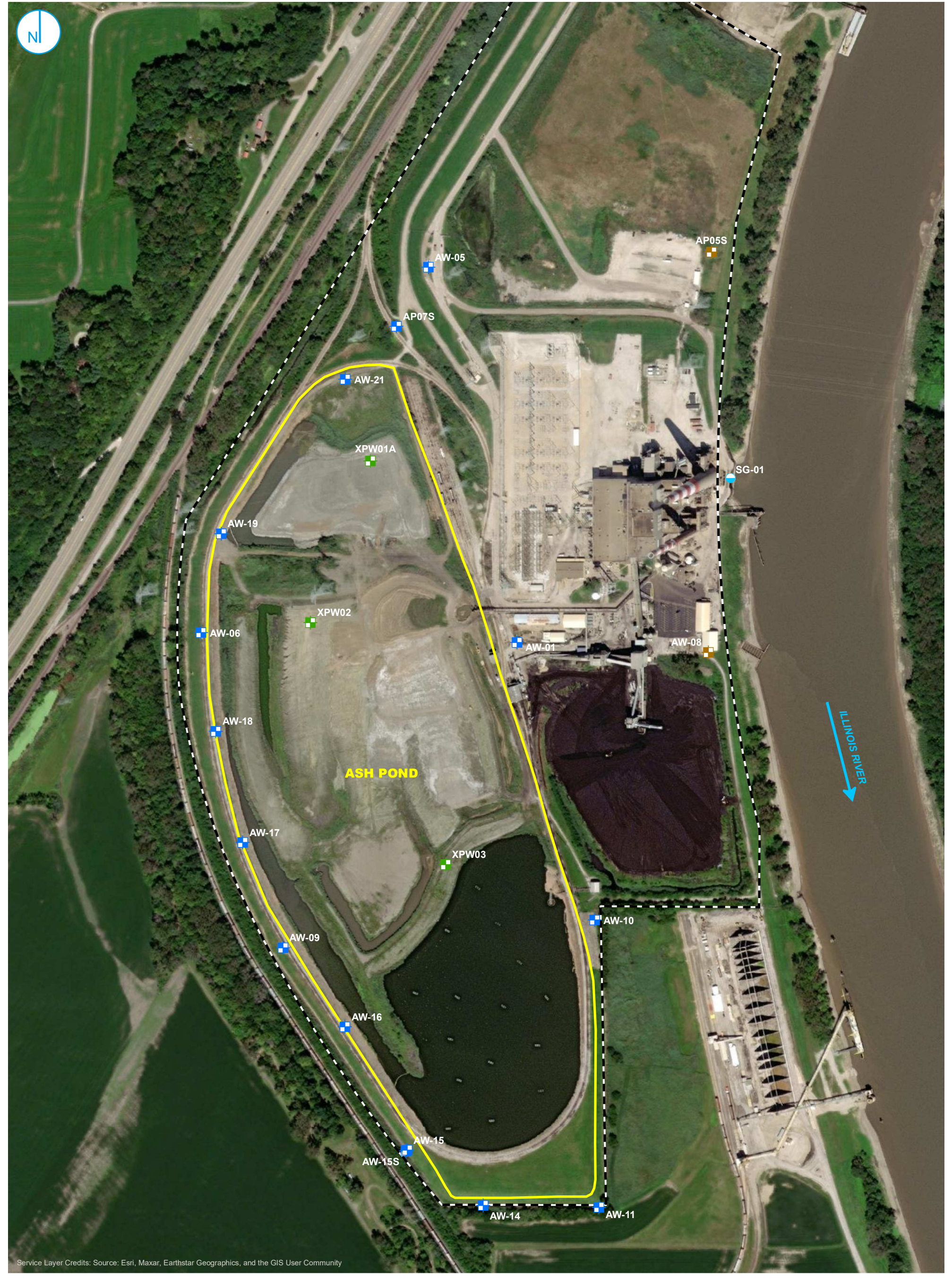
Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	GWPS	GWPS Source	Compliance Result
AW-21	UA	E010	Sulfate, total	mg/L	02/11/21 - 07/21/25	19	0	CI around median	230	400	Standard	No Exceedance
AW-21	UA	E010	Thallium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.002	Standard	No Exceedance
AW-21	UA	E010	Total Dissolved Solids	mg/L	02/11/21 - 07/21/25	19	0	CI around mean	659	1,200	Standard	No Exceedance

Notes:
Compliance Result:
No Exceedance: the statistical result did not exceed the GWPS.
Exceedance: The statistical result exceeded the GWPS.

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

Events:
E010 = Quarter 3, 2025 sampling event
HSU = hydrostratigraphic unit:
PMP = Potential Migration Pathway
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
Most recent sample = Result for the most recently collected sample used due to insufficient data.
Statistical Result = calculated in accordance with the Statistical Analysis Plan using constituent concentrations observed at each monitoring well during all sampling events within the specified date range
Statistical Result Code (if applicable):
NR¹ = Parameter not analyzed.
NS¹ = Well has been, or will be, abandoned; therefore, a sample was not collected.
NS² = Well either needs or was undergoing maintenance; therefore, a sample was not collected.
NS³ = The location was not accessible; therefore, a sample was not collected.
NS⁴ = The location could not be found; therefore, a sample was not collected.
NS⁵ = The location was damaged; therefore, a sample was not collected.
NS⁶ = Sampling pump could not yield a sample.
NS⁷ = Well was either dry or purged dry and did not recover sufficiently to yield adequate volume for a sample.
NS⁸ = A sample was not collected.
PM¹ = Parameter not analyzed as the well purged dry during sample collection and did not sufficiently recover to yield adequate sample volume for analysis.
For pH, the values presented are the lower / upper limits
GWPS Source:
Background = background concentration
Standard = standard specified in 35 I.A.C. § 845.600(a)(1)

FIGURES



- COMPLIANCE WELL
- BACKGROUND WELL
- PORE WATER WELL
- STAFF GAGE, RIVER
- REGULATED UNIT (SUBJECT UNIT)
- PROPERTY BOUNDARY

0 200 400
Feet

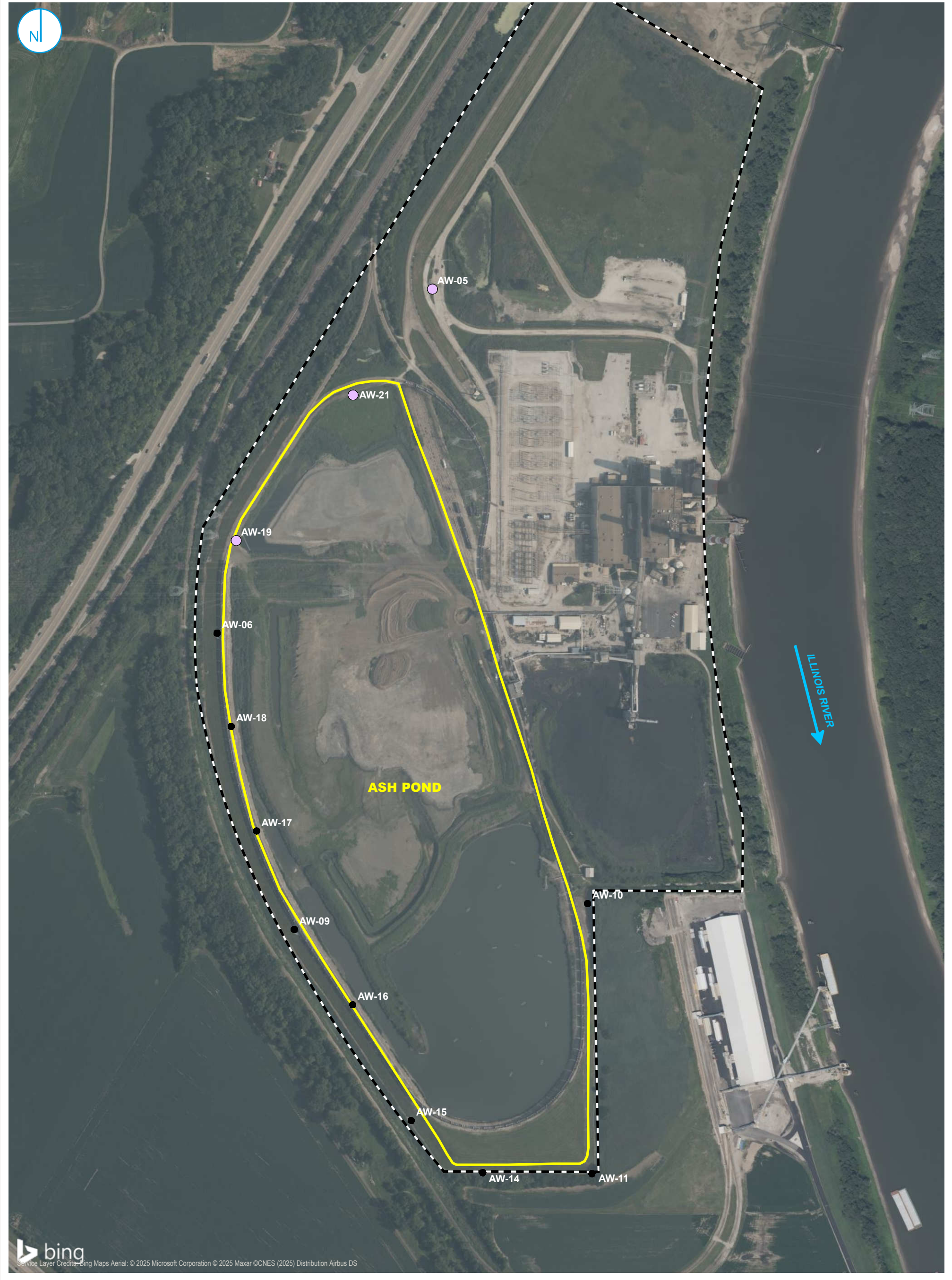
MONITORING WELL LOCATION MAP

FIGURE 1

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
ASH POND
EDWARDS POWER PLANT
BARTONVILLE, ILLINOIS

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.





- TOTAL BORON EXCEEDANCE
- COMPLIANCE WELL WITHOUT EXCEEDANCE
- REGULATED UNIT (SUBJECT UNIT)
- PROPERTY BOUNDARY

0 212.5 425 Feet

GWPS EXCEEDANCE MAP -
UPPERMOST AQUIFER
QUARTER 4, 2024 AND QUARTERS 1-3, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
ASH POND
EDWARDS POWER PLANT
BARTONVILLE, ILLINOIS

FIGURE 2

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.





- TOTAL BORON EXCEEDANCE
- TOTAL SULFATE EXCEEDANCE
- TOTAL DISSOLVED SOLIDS EXCEEDANCE
- COMPLIANCE WELL WITHOUT EXCEEDANCE
- REGULATED UNIT (SUBJECT UNIT)
- PROPERTY BOUNDARY

0 212.5 425 Feet

GWPS EXCEEDANCE MAP -
POTENTIAL MIGRATION PATHWAY
QUARTER 4, 2024 AND QUARTERS 1-3, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
ASH POND
EDWARDS POWER PLANT
BARTONVILLE, ILLINOIS

FIGURE 3

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.





COMPLIANCE MONITORING WELL

BACKGROUND MONITORING WELL

MONITORING WELL

PORE WATER WELL

STAFF GAGE, RIVER

GROUNDWATER ELEVATION CONTOUR (2-FT CONTOUR INTERVAL, NAVD88)

INFERRED GROUNDWATER ELEVATION CONTOUR

GROUNDWATER FLOW DIRECTION

REGULATED UNIT (SUBJECT UNIT)

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).

0

212.5

425

Feet

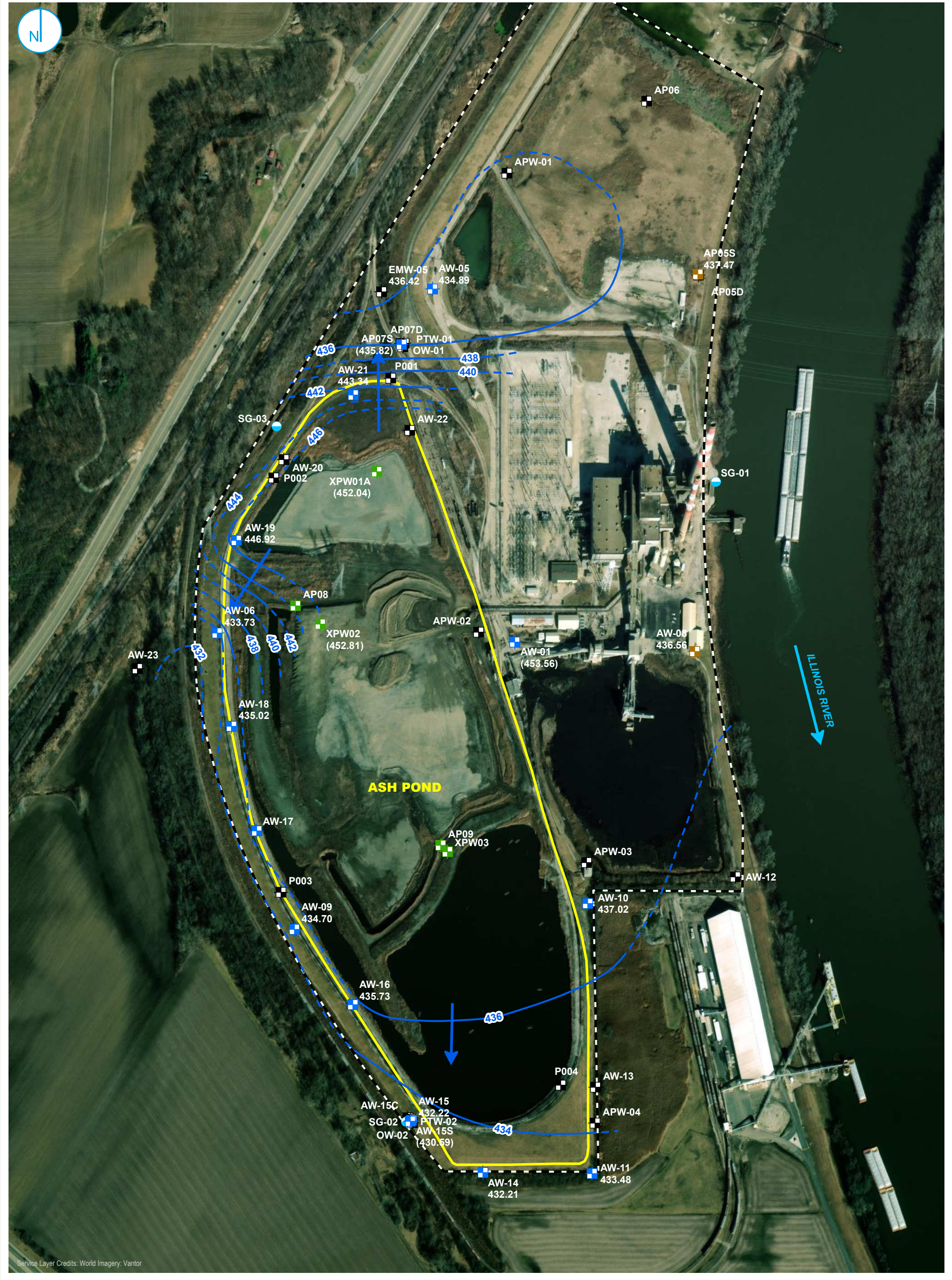
POTENTIOMETRIC SURFACE MAP
JANUARY 30, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
ASH POND
EDWARDS POWER PLANT
BARTONVILLE, ILLINOIS

FIGURE 4

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.





COMPLIANCE MONITORING WELL

BACKGROUND MONITORING WELL

MONITORING WELL

PORE WATER WELL

STAFF GAGE, RIVER

GROUNDWATER FLOW DIRECTION

GROUNDWATER ELEVATION CONTOUR (2-FT CONTOUR INTERVAL, NAVD88)

INFERRED GROUNDWATER ELEVATION CONTOUR

REGULATED UNIT (SUBJECT UNIT)

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).

0 212.5 425 Feet

POTENTIOMETRIC SURFACE MAP
FEBRUARY 17, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
ASH POND
EDWARDS POWER PLANT
BARTONVILLE, ILLINOIS

FIGURE 5

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL



COMPLIANCE MONITORING WELL

BACKGROUND MONITORING WELL

MONITORING WELL

PORE WATER WELL

STAFF GAGE, RIVER

GROUNDWATER ELEVATION CONTOUR (2-FT CONTOUR INTERVAL, NAVD88)

INFERRED GROUNDWATER ELEVATION CONTOUR

GROUNDWATER FLOW DIRECTION

REGULATED UNIT (SUBJECT UNIT)

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).

0

212.5

425

Feet

POTENTIOMETRIC SURFACE MAP
MARCH 17, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
ASH POND
EDWARDS POWER PLANT
BARTONVILLE, ILLINOIS

FIGURE 6

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



COMPLIANCE MONITORING WELL

BACKGROUND MONITORING WELL

MONITORING WELL

PORE WATER WELL

STAFF GAGE, RIVER

GROUNDWATER ELEVATION CONTOUR (2-FT CONTOUR INTERVAL, NAVD88)

INFERRED GROUNDWATER ELEVATION CONTOUR

GROUNDWATER FLOW DIRECTION

REGULATED UNIT (SUBJECT UNIT)

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).

0212.5425

Feet

POTENTIOMETRIC SURFACE MAP
APRIL 17, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
ASH POND
EDWARDS POWER PLANT
BARTONVILLE, ILLINOIS

FIGURE 7

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL



COMPLIANCE MONITORING WELL

BACKGROUND MONITORING WELL

MONITORING WELL

PORE WATER WELL

STAFF GAGE, RIVER

GROUNDWATER ELEVATION CONTOUR (2-FT CONTOUR INTERVAL, NAVD88)

INFERRED GROUNDWATER ELEVATION CONTOUR

GROUNDWATER FLOW DIRECTION

REGULATED UNIT (SUBJECT UNIT)

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).

0

212.5

425

Feet

POTENTIOMETRIC SURFACE MAP
MAY 21, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
ASH POND
EDWARDS POWER PLANT
BARTONVILLE, ILLINOIS

FIGURE 8

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL



COMPLIANCE MONITORING WELL

BACKGROUND MONITORING WELL

MONITORING WELL

PORE WATER WELL

STAFF GAGE, RIVER

GROUNDWATER ELEVATION CONTOUR (2-FT CONTOUR INTERVAL, NAVD88)

INFERRED GROUNDWATER ELEVATION CONTOUR

GROUNDWATER FLOW DIRECTION

REGULATED UNIT (SUBJECT UNIT)

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).

0212.5425

Feet

POTENTIOMETRIC SURFACE MAP
JUNE 21, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
ASH POND
EDWARDS POWER PLANT
BARTONVILLE, ILLINOIS

FIGURE 9

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

RAMBOLL



COMPLIANCE MONITORING WELL

BACKGROUND MONITORING WELL

MONITORING WELL

PORE WATER WELL

STAFF GAGE, RIVER

GROUNDWATER ELEVATION CONTOUR (2-FT CONTOUR INTERVAL, NAVD88)

INFERRED GROUNDWATER ELEVATION CONTOUR

GROUNDWATER FLOW DIRECTION

REGULATED UNIT (SUBJECT UNIT)

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).

0

212.5

425

Feet

POTENTIOMETRIC SURFACE MAP
JULY 21, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
ASH POND
EDWARDS POWER PLANT
BARTONVILLE, ILLINOIS

FIGURE 10

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



COMPLIANCE MONITORING WELL

BACKGROUND MONITORING WELL

MONITORING WELL

PORE WATER WELL

STAFF GAGE, RIVER

GROUNDWATER ELEVATION CONTOUR (2-FT CONTOUR INTERVAL, NAVD88)

INFERRED GROUNDWATER ELEVATION CONTOUR

GROUNDWATER FLOW DIRECTION

REGULATED UNIT (SUBJECT UNIT)

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).

0212.5425

Feet

POTENTIOMETRIC SURFACE MAP
AUGUST 3, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
ASH POND
EDWARDS POWER PLANT
BARTONVILLE, ILLINOIS

FIGURE 11

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



COMPLIANCE MONITORING WELL

BACKGROUND MONITORING WELL

MONITORING WELL

PORE WATER WELL

STAFF GAGE, RIVER

GROUNDWATER ELEVATION CONTOUR (2-FT CONTOUR INTERVAL, NAVD88)

INFERRED GROUNDWATER ELEVATION CONTOUR

GROUNDWATER FLOW DIRECTION

REGULATED UNIT (SUBJECT UNIT)

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).

0212.5425

Feet

POTENTIOMETRIC SURFACE MAP
SEPTEMBER 3, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT

ASH POND

EDWARDS POWER PLANT
BARTONVILLE, ILLINOIS

FIGURE 12

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



COMPLIANCE MONITORING WELL

BACKGROUND MONITORING WELL

MONITORING WELL

PORE WATER WELL

STAFF GAGE, RIVER

GROUNDWATER ELEVATION CONTOUR (2-FT CONTOUR INTERVAL, NAVD88)

INFERRED GROUNDWATER ELEVATION CONTOUR

GROUNDWATER FLOW DIRECTION

REGULATED UNIT (SUBJECT UNIT)

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).

0212.5425

Feet

POTENTIOMETRIC SURFACE MAP
OCTOBER 3, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT

ASH POND

EDWARDS POWER PLANT
BARTONVILLE, ILLINOIS

FIGURE 13

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



COMPLIANCE MONITORING WELL

BACKGROUND MONITORING WELL

MONITORING WELL

PORE WATER WELL

STAFF GAGE, RIVER

GROUNDWATER ELEVATION CONTOUR (2-FT CONTOUR INTERVAL, NAVD88)

INFERRED GROUNDWATER ELEVATION CONTOUR

GROUNDWATER FLOW DIRECTION

REGULATED UNIT (SUBJECT UNIT)

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).

0212.5425

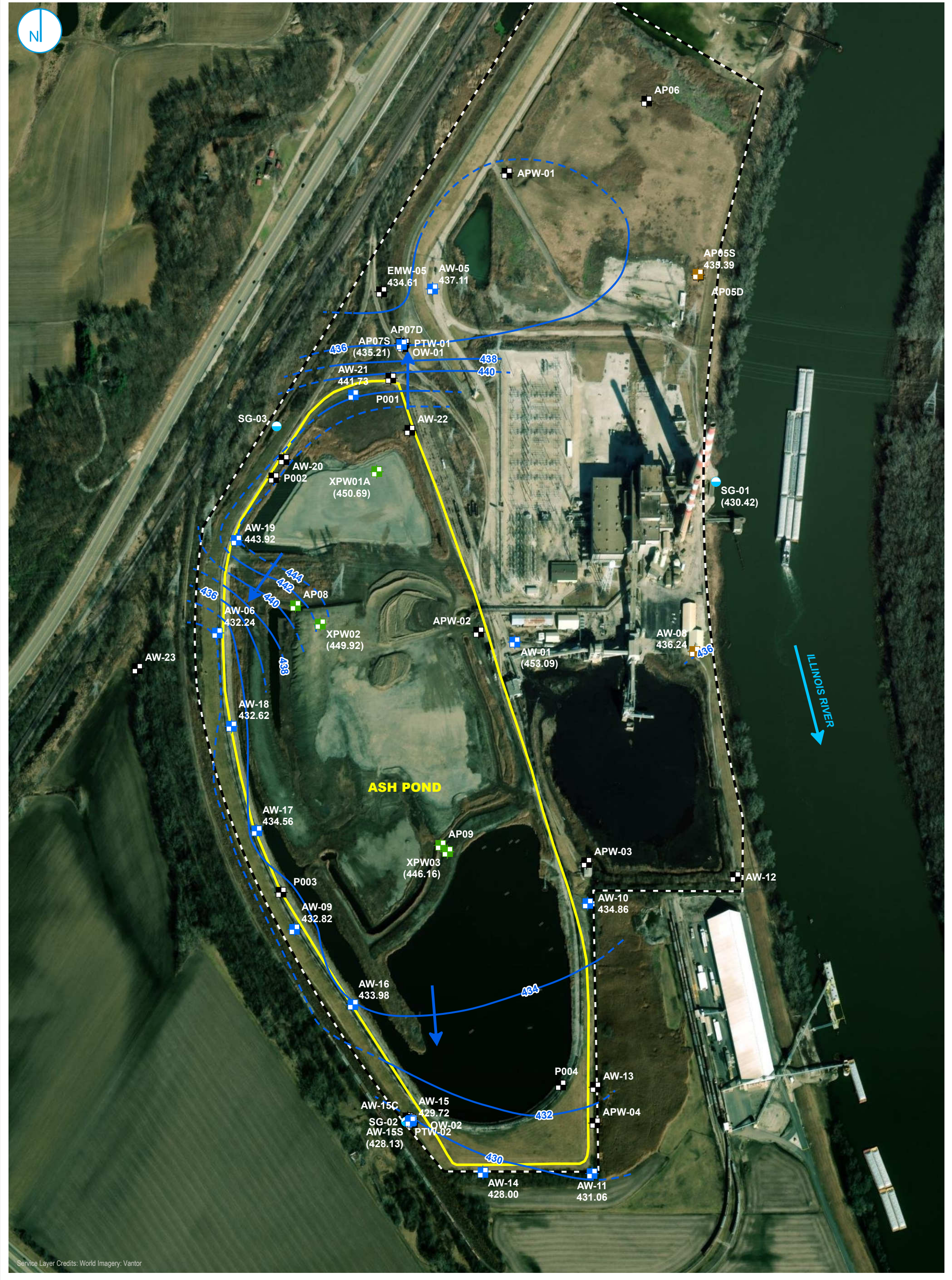
Feet

POTENTIOMETRIC SURFACE MAP
NOVEMBER 3, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
ASH POND
EDWARDS POWER PLANT
BARTONVILLE, ILLINOIS

FIGURE 14

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



COMPLIANCE MONITORING WELL

BACKGROUND MONITORING WELL

MONITORING WELL

PORE WATER WELL

STAFF GAGE, RIVER

GROUNDWATER ELEVATION CONTOUR (2-FT CONTOUR INTERVAL, NAVD88)

INFERRED GROUNDWATER ELEVATION CONTOUR

GROUNDWATER FLOW DIRECTION

REGULATED UNIT (SUBJECT UNIT)

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).

0212.5425

Feet

POTENTIOMETRIC SURFACE MAP
DECEMBER 9, 2025

2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
ASH POND
EDWARDS POWER PLANT
BARTONVILLE, ILLINOIS

FIGURE 15

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.

ATTACHMENTS

ATTACHMENT A
GROUNDWATER ELEVATION DATA

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

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
AP05S	Background	UA	01/30/2025	5.50	437.75
AP05S	Background	UA	02/17/2025	5.77	437.47
AP05S	Background	UA	03/17/2025	DM7	DM7
AP05S	Background	UA	04/17/2025	4.93	438.32
AP05S	Background	UA	05/21/2025	DM7	DM7
AP05S	Background	UA	06/21/2025	DM7	DM7
AP05S	Background	UA	07/21/2025	5.90	437.35
AP05S	Background	UA	08/03/2025	6.01	437.23
AP05S	Background	UA	09/03/2025	6.60	436.64
AP05S	Background	UA	10/03/2025	7.64	435.60
AP05S	Background	UA	11/03/2025	8.24	435.01
AP05S	Background	UA	12/09/2025	7.86	435.39
AP07S	Compliance	PMP	01/30/2025	24.96	435.91
AP07S	Compliance	PMP	02/17/2025	25.04	435.82
AP07S	Compliance	PMP	03/17/2025	24.71	436.15
AP07S	Compliance	PMP	04/17/2025	24.53	436.34
AP07S	Compliance	PMP	05/21/2025	24.68	436.18
AP07S	Compliance	PMP	06/21/2025	24.12	436.74
AP07S	Compliance	PMP	07/21/2025	25.23	435.64
AP07S	Compliance	PMP	08/03/2025	24.72	436.14
AP07S	Compliance	PMP	09/03/2025	25.08	435.78
AP07S	Compliance	PMP	10/03/2025	25.55	435.31
AP07S	Compliance	PMP	11/03/2025	25.94	434.93
AP07S	Compliance	PMP	12/09/2025	25.66	435.21
AW-01	Compliance	PMP	01/30/2025	9.71	454.83
AW-01	Compliance	PMP	02/17/2025	10.97	453.56
AW-01	Compliance	PMP	03/17/2025	9.73	454.80
AW-01	Compliance	PMP	04/17/2025	9.90	454.64
AW-01	Compliance	PMP	05/21/2025	10.24	454.29
AW-01	Compliance	PMP	06/21/2025	10.18	454.35
AW-01	Compliance	PMP	07/21/2025	10.49	454.05
AW-01	Compliance	PMP	08/03/2025	12.31	452.22
AW-01	Compliance	PMP	09/03/2025	10.65	453.88
AW-01	Compliance	PMP	10/03/2025	10.62	453.91
AW-01	Compliance	PMP	11/03/2025	10.56	453.98
AW-01	Compliance	PMP	12/09/2025	11.45	453.09
AW-05	Compliance	UA	01/30/2025	8.67	434.70
AW-05	Compliance	UA	02/17/2025	8.47	434.89
AW-05	Compliance	UA	03/17/2025	8.13	435.23
AW-05	Compliance	UA	04/17/2025	8.34	435.03
AW-05	Compliance	UA	05/21/2025	7.74	435.62
AW-05	Compliance	UA	06/21/2025	7.97	435.39
AW-05	Compliance	UA	07/21/2025	8.90	434.47
AW-05	Compliance	UA	08/03/2025	8.91	434.45
AW-05	Compliance	UA	09/03/2025	9.41	433.95
AW-05	Compliance	UA	10/03/2025	10.25	433.11

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

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
AW-05	Compliance	UA	11/03/2025	10.10	433.27
AW-05	Compliance	UA	12/09/2025	6.26	437.11
AW-06	Compliance	UA	01/30/2025	26.75	434.80
AW-06	Compliance	UA	02/17/2025	27.81	433.73
AW-06	Compliance	UA	03/17/2025	27.79	433.75
AW-06	Compliance	UA	04/17/2025	27.83	433.72
AW-06	Compliance	UA	05/21/2025	26.66	434.88
AW-06	Compliance	UA	06/21/2025	26.62	434.92
AW-06	Compliance	UA	07/21/2025	27.44	434.11
AW-06	Compliance	UA	08/03/2025	27.24	434.30
AW-06	Compliance	UA	09/03/2025	28.50	433.04
AW-06	Compliance	UA	10/03/2025	29.49	432.05
AW-06	Compliance	UA	11/03/2025	29.80	431.75
AW-06	Compliance	UA	12/09/2025	29.31	432.24
AW-08	Background	UA	01/30/2025	25.71	436.95
AW-08	Background	UA	02/17/2025	26.09	436.56
AW-08	Background	UA	03/17/2025	25.51	437.14
AW-08	Background	UA	04/17/2025	24.64	438.02
AW-08	Background	UA	05/21/2025	24.31	438.34
AW-08	Background	UA	06/21/2025	23.99	438.66
AW-08	Background	UA	07/21/2025	23.90	438.76
AW-08	Background	UA	08/03/2025	24.92	437.73
AW-08	Background	UA	09/03/2025	24.81	437.84
AW-08	Background	UA	10/03/2025	25.65	437.00
AW-08	Background	UA	11/03/2025	26.27	436.39
AW-08	Background	UA	12/09/2025	26.42	436.24
AW-09	Compliance	UA	01/30/2025	26.40	434.89
AW-09	Compliance	UA	02/17/2025	26.58	434.70
AW-09	Compliance	UA	03/17/2025	26.25	435.03
AW-09	Compliance	UA	04/17/2025	26.25	435.04
AW-09	Compliance	UA	05/21/2025	26.67	434.61
AW-09	Compliance	UA	06/21/2025	26.37	434.91
AW-09	Compliance	UA	07/21/2025	26.82	434.47
AW-09	Compliance	UA	08/03/2025	27.19	434.09
AW-09	Compliance	UA	09/03/2025	27.49	433.79
AW-09	Compliance	UA	10/03/2025	28.17	433.11
AW-09	Compliance	UA	11/03/2025	28.54	432.75
AW-09	Compliance	UA	12/09/2025	28.47	432.82
AW-10	Compliance	UA	01/30/2025	2.89	437.28
AW-10	Compliance	UA	02/17/2025	3.14	437.02
AW-10	Compliance	UA	03/17/2025	3.36	436.80
AW-10	Compliance	UA	04/17/2025	3.29	436.88
AW-10	Compliance	UA	05/21/2025	3.95	436.21
AW-10	Compliance	UA	06/21/2025	4.10	436.06
AW-10	Compliance	UA	07/21/2025	4.68	435.49
AW-10	Compliance	UA	08/03/2025	DM7	DM7

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

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
AW-10	Compliance	UA	09/03/2025	DM7	DM7
AW-10	Compliance	UA	10/03/2025	DM7	DM7
AW-10	Compliance	UA	11/03/2025	5.67	434.50
AW-10	Compliance	UA	12/09/2025	5.31	434.86
AW-11	Compliance	UA	01/30/2025	6.39	433.65
AW-11	Compliance	UA	02/17/2025	6.55	433.48
AW-11	Compliance	UA	03/17/2025	6.35	433.68
AW-11	Compliance	UA	04/17/2025	6.05	433.99
AW-11	Compliance	UA	05/21/2025	6.03	434.00
AW-11	Compliance	UA	06/21/2025	6.02	434.01
AW-11	Compliance	UA	07/21/2025	6.57	433.47
AW-11	Compliance	UA	08/03/2025	8.50	431.53
AW-11	Compliance	UA	09/03/2025	8.63	431.40
AW-11	Compliance	UA	10/03/2025	8.97	431.06
AW-11	Compliance	UA	11/03/2025	9.19	430.85
AW-11	Compliance	UA	12/09/2025	8.98	431.06
AW-14	Compliance	UA	01/30/2025	7.34	432.12
AW-14	Compliance	UA	02/17/2025	7.24	432.21
AW-14	Compliance	UA	03/17/2025	7.14	432.31
AW-14	Compliance	UA	04/17/2025	7.11	432.35
AW-14	Compliance	UA	05/21/2025	DM7	DM7
AW-14	Compliance	UA	06/21/2025	DM7	DM7
AW-14	Compliance	UA	07/21/2025	8.15	431.31
AW-14	Compliance	UA	08/03/2025	DM7	DM7
AW-14	Compliance	UA	09/03/2025	DM7	DM7
AW-14	Compliance	UA	10/03/2025	DM7	DM7
AW-14	Compliance	UA	11/03/2025	11.09	428.37
AW-14	Compliance	UA	12/09/2025	11.46	428.00
AW-15	Compliance	UA	01/30/2025	9.24	432.31
AW-15	Compliance	UA	02/17/2025	9.32	432.22
AW-15	Compliance	UA	03/17/2025	9.01	432.53
AW-15	Compliance	UA	04/17/2025	8.62	432.93
AW-15	Compliance	UA	05/21/2025	9.57	431.97
AW-15	Compliance	UA	06/21/2025	9.42	432.12
AW-15	Compliance	UA	07/21/2025	9.83	431.72
AW-15	Compliance	UA	08/03/2025	9.10	432.44
AW-15	Compliance	UA	09/03/2025	9.93	431.61
AW-15	Compliance	UA	10/03/2025	11.07	430.47
AW-15	Compliance	UA	11/03/2025	11.67	429.88
AW-15	Compliance	UA	12/09/2025	11.83	429.72
AW-15S	Compliance	PMP	01/30/2025	9.65	431.11
AW-15S	Compliance	PMP	02/17/2025	10.16	430.59
AW-15S	Compliance	PMP	03/17/2025	9.56	431.19
AW-15S	Compliance	PMP	04/17/2025	9.56	431.20
AW-15S	Compliance	PMP	05/21/2025	9.90	430.85
AW-15S	Compliance	PMP	06/21/2025	9.57	431.18

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

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
AW-15S	Compliance	PMP	07/21/2025	10.07	430.69
AW-15S	Compliance	PMP	08/03/2025	10.83	429.92
AW-15S	Compliance	PMP	09/03/2025	10.78	429.97
AW-15S	Compliance	PMP	10/03/2025	11.92	428.83
AW-15S	Compliance	PMP	11/03/2025	12.60	428.16
AW-15S	Compliance	PMP	12/09/2025	12.63	428.13
AW-16	Compliance	UA	01/30/2025	26.24	435.79
AW-16	Compliance	UA	02/17/2025	26.29	435.73
AW-16	Compliance	UA	03/17/2025	26.04	435.98
AW-16	Compliance	UA	04/17/2025	25.73	436.30
AW-16	Compliance	UA	05/21/2025	25.81	436.21
AW-16	Compliance	UA	06/21/2025	25.52	436.50
AW-16	Compliance	UA	07/21/2025	25.83	436.20
AW-16	Compliance	UA	08/03/2025	26.03	435.99
AW-16	Compliance	UA	09/03/2025	26.57	435.45
AW-16	Compliance	UA	10/03/2025	27.35	434.67
AW-16	Compliance	UA	11/03/2025	27.75	434.28
AW-16	Compliance	UA	12/09/2025	28.05	433.98
AW-17	Compliance	UA	01/30/2025	25.92	436.30
AW-17	Compliance	UA	02/17/2025	DM ⁷	DM ⁷
AW-17	Compliance	UA	03/17/2025	DM ⁷	DM ⁷
AW-17	Compliance	UA	04/17/2025	25.75	436.47
AW-17	Compliance	UA	05/21/2025	DM ⁷	DM ⁷
AW-17	Compliance	UA	06/21/2025	DM ⁷	DM ⁷
AW-17	Compliance	UA	07/21/2025	28.09	434.13
AW-17	Compliance	UA	08/03/2025	DM ⁷	DM ⁷
AW-17	Compliance	UA	09/03/2025	26.52	435.69
AW-17	Compliance	UA	10/03/2025	27.39	434.82
AW-17	Compliance	UA	11/03/2025	27.86	434.36
AW-17	Compliance	UA	12/09/2025	27.66	434.56
AW-18	Compliance	UA	01/30/2025	27.61	435.26
AW-18	Compliance	UA	02/17/2025	27.84	435.02
AW-18	Compliance	UA	03/17/2025	27.54	435.32
AW-18	Compliance	UA	04/17/2025	27.48	435.39
AW-18	Compliance	UA	05/21/2025	27.61	435.25
AW-18	Compliance	UA	06/21/2025	27.40	435.46
AW-18	Compliance	UA	07/21/2025	28.06	434.81
AW-18	Compliance	UA	08/03/2025	28.15	434.71
AW-18	Compliance	UA	09/03/2025	28.90	433.96
AW-18	Compliance	UA	10/03/2025	30.43	432.43
AW-18	Compliance	UA	11/03/2025	31.09	431.78
AW-18	Compliance	UA	12/09/2025	30.25	432.62
AW-19	Compliance	UA	01/30/2025	14.05	446.85
AW-19	Compliance	UA	02/17/2025	13.97	446.92
AW-19	Compliance	UA	03/17/2025	13.94	446.95
AW-19	Compliance	UA	04/17/2025	13.92	446.98

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

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
AW-19	Compliance	UA	05/21/2025	13.96	446.93
AW-19	Compliance	UA	06/21/2025	13.89	447.00
AW-19	Compliance	UA	07/21/2025	14.31	446.59
AW-19	Compliance	UA	08/03/2025	DM7	DM7
AW-19	Compliance	UA	09/03/2025	DM7	DM7
AW-19	Compliance	UA	10/03/2025	DM7	DM7
AW-19	Compliance	UA	11/03/2025	15.50	445.40
AW-19	Compliance	UA	12/09/2025	16.98	443.92
AW-21	Compliance	UA	01/30/2025	17.69	443.10
AW-21	Compliance	UA	02/17/2025	17.44	443.34
AW-21	Compliance	UA	03/17/2025	17.01	443.77
AW-21	Compliance	UA	04/17/2025	17.09	443.69
AW-21	Compliance	UA	05/21/2025	17.25	443.53
AW-21	Compliance	UA	06/21/2025	16.71	444.07
AW-21	Compliance	UA	07/21/2025	18.39	442.40
AW-21	Compliance	UA	08/03/2025	18.13	442.65
AW-21	Compliance	UA	09/03/2025	19.17	441.61
AW-21	Compliance	UA	10/03/2025	20.05	440.73
AW-21	Compliance	UA	11/03/2025	19.62	441.17
AW-21	Compliance	UA	12/09/2025	19.06	441.73
XPW01A	Water Level	CCR	01/30/2025	12.34	451.96
XPW01A	Water Level	CCR	02/17/2025	12.25	452.04
XPW01A	Water Level	CCR	03/17/2025	11.87	452.42
XPW01A	Water Level	CCR	04/17/2025	11.94	452.36
XPW01A	Water Level	CCR	05/21/2025	11.61	452.68
XPW01A	Water Level	CCR	06/21/2025	11.30	452.99
XPW01A	Water Level	CCR	07/21/2025	12.37	451.93
XPW01A	Water Level	CCR	08/03/2025	12.27	452.02
XPW01A	Water Level	CCR	09/03/2025	13.43	450.86
XPW01A	Water Level	CCR	10/03/2025	14.57	449.72
XPW01A	Water Level	CCR	11/03/2025	14.19	450.11
XPW01A	Water Level	CCR	12/09/2025	13.61	450.69
XPW02	Water Level	CCR	01/30/2025	21.24	452.67
XPW02	Water Level	CCR	02/17/2025	21.09	452.81
XPW02	Water Level	CCR	03/17/2025	20.55	453.35
XPW02	Water Level	CCR	04/17/2025	20.43	453.48
XPW02	Water Level	CCR	05/21/2025	21.19	452.71
XPW02	Water Level	CCR	06/21/2025	19.94	453.96
XPW02	Water Level	CCR	07/21/2025	21.46	452.45
XPW02	Water Level	CCR	08/03/2025	20.83	453.07
XPW02	Water Level	CCR	09/03/2025	22.21	451.69
XPW02	Water Level	CCR	10/03/2025	23.56	450.34
XPW02	Water Level	CCR	11/03/2025	23.70	450.21
XPW02	Water Level	CCR	12/09/2025	23.99	449.92
XPW03	Water Level	CCR	01/30/2025	18.68	447.49
XPW03	Water Level	CCR	02/17/2025	DM7	DM7

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

Well ID	Well Type	Monitored Unit	Date	Depth to Groundwater (feet BMP)	Groundwater Elevation (feet NAVD88)
XPW03	Water Level	CCR	03/17/2025	DM ⁷	DM ⁷
XPW03	Water Level	CCR	04/17/2025	18.10	448.07
XPW03	Water Level	CCR	05/21/2025	18.08	448.08
XPW03	Water Level	CCR	06/21/2025	17.14	449.02
XPW03	Water Level	CCR	07/21/2025	18.50	447.67
XPW03	Water Level	CCR	08/03/2025	DM ⁷	DM ⁷
XPW03	Water Level	CCR	09/03/2025	DM ⁷	DM ⁷
XPW03	Water Level	CCR	10/03/2025	DM ⁷	DM ⁷
XPW03	Water Level	CCR	11/03/2025	20.37	445.80
XPW03	Water Level	CCR	12/09/2025	20.01	446.16
SG-01	Water Level	SW	01/30/2025	NA	431.00
SG-01	Water Level	SW	02/17/2025	DM ⁷	DM ⁷
SG-01	Water Level	SW	03/17/2025	DM ⁷	DM ⁷
SG-01	Water Level	SW	04/17/2025	NA	439.12
SG-01	Water Level	SW	05/21/2025	33.24	432.97
SG-01	Water Level	SW	06/21/2025	29.49	436.72
SG-01	Water Level	SW	07/21/2025	32.85	433.37
SG-01	Water Level	SW	08/03/2025	31.87	434.34
SG-01	Water Level	SW	09/03/2025	35.23	430.98
SG-01	Water Level	SW	10/03/2025	37.06	429.15
SG-01	Water Level	SW	11/03/2025	36.77	429.45
SG-01	Water Level	SW	12/09/2025	35.80	430.42

Notes:
BMP = below measuring point
Depth to Groundwater/Groundwater Elevation Code (if applicable):
DM¹ = Depth to water was not measured.
DM² = Depth to water was not measured because water was above or below the staff gage markings.
DM³ = Depth to water was not measured because the location was inaccessible.
DM⁴ = Depth to water was not measured because water level was below the top of the pump.
DM⁵ = Depth to water was not measured because water level was above the top of casing (artesian well).
DM⁶ = Depth to water was not measured because of damage to the well.
DM⁷ = Depth to water was not measured due to required pressure transducer maintenance.
DM⁸ = Lab provided groundwater elevation data and not depth to water.
NA = not available/not applicable
NAVD88 = North American Vertical Datum of 1988
Monitored Unit Abbreviations:
CCR = coal combustion residuals
PMP = potential migration pathway
SW = surface water
UA = uppermost aquifer

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ATTACHMENT B
COMPARISON TO BACKGROUND

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 1, 2025
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AP07S	PMP	E008	Antimony, total	mg/L	02/10/21 - 02/04/25	17	100	All ND - Last	0.003	0.003
AP07S	PMP	E008	Arsenic, total	mg/L	02/10/21 - 02/04/25	17	88	CI around median	0.001	0.0300
AP07S	PMP	E008	Barium, total	mg/L	02/10/21 - 02/04/25	17	0	CI around mean	0.0657	2.07
AP07S	PMP	E008	Beryllium, total	mg/L	02/10/21 - 02/04/25	17	100	All ND - Last	0.001	0.00190
AP07S	PMP	E008	Boron, total	mg/L	02/10/21 - 02/04/25	17	0	CB around linear reg	9.07	0.535
AP07S	PMP	E008	Cadmium, total	mg/L	02/10/21 - 02/04/25	17	88	CI around median	0.001	0.00100
AP07S	PMP	E008	Chloride, total	mg/L	02/10/21 - 02/04/25	17	0	CI around median	73	56.0
AP07S	PMP	E008	Chromium, total	mg/L	02/10/21 - 02/04/25	17	76	CI around median	0.004	0.0480
AP07S	PMP	E008	Cobalt, total	mg/L	02/10/21 - 02/04/25	17	12	CI around mean	0.00208	0.0280
AP07S	PMP	E008	Fluoride, total	mg/L	02/10/21 - 02/04/25	17	65	CI around median	0.25	0.396
AP07S	PMP	E008	Lead, total	mg/L	02/10/21 - 02/04/25	17	71	CI around median	0.001	0.0330
AP07S	PMP	E008	Lithium, total	mg/L	02/10/21 - 02/04/25	17	100	All ND - Last	0.02	0.0710
AP07S	PMP	E008	Mercury, total	mg/L	02/10/21 - 02/04/25	17	94	CI around median	0.0002	0.0002
AP07S	PMP	E008	Molybdenum, total	mg/L	02/10/21 - 02/04/25	17	53	CI around median	0.001	0.00620
AP07S	PMP	E008	pH (field)	SU	02/10/21 - 02/04/25	17	0	CI around mean	6.7/7.0	6.3/7.1
AP07S	PMP	E008	Radium 226 + Radium 228, total	pCi/L	02/10/21 - 02/04/25	17	0	CI around mean	0.638	9.60
AP07S	PMP	E008	Selenium, total	mg/L	02/10/21 - 02/04/25	17	100	All ND - Last	0.001	0.00320
AP07S	PMP	E008	Sulfate, total	mg/L	02/10/21 - 02/04/25	17	0	CI around mean	234	6.48
AP07S	PMP	E008	Thallium, total	mg/L	02/10/21 - 02/04/25	17	100	All ND - Last	0.001	0.001
AP07S	PMP	E008	Total Dissolved Solids	mg/L	02/10/21 - 02/04/25	17	0	CI around mean	844	1,050
AW-01	PMP	E008	Antimony, total	mg/L	11/18/22 - 01/31/25	12	100	All ND - Last	0.003	0.003
AW-01	PMP	E008	Arsenic, total	mg/L	11/18/22 - 01/31/25	12	0	CI around mean	0.00361	0.0300
AW-01	PMP	E008	Barium, total	mg/L	11/18/22 - 01/31/25	12	0	CI around mean	0.1	2.07
AW-01	PMP	E008	Beryllium, total	mg/L	11/18/22 - 01/31/25	12	100	All ND - Last	0.001	0.00190
AW-01	PMP	E008	Boron, total	mg/L	11/18/22 - 01/31/25	12	0	CI around median	0.072	0.535
AW-01	PMP	E008	Cadmium, total	mg/L	11/18/22 - 01/31/25	12	100	All ND - Last	0.001	0.00100
AW-01	PMP	E008	Chloride, total	mg/L	11/18/22 - 01/31/25	12	0	CB around T-S line	-45.1	56.0

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 1, 2025
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EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-01	PMP	E008	Chromium, total	mg/L	11/18/22 - 01/31/25	12	83	CI around median	0.004	0.0480
AW-01	PMP	E008	Cobalt, total	mg/L	11/18/22 - 01/31/25	12	17	CI around mean	0.00273	0.0280
AW-01	PMP	E008	Fluoride, total	mg/L	11/18/22 - 01/31/25	12	58	CI around median	0.25	0.396
AW-01	PMP	E008	Lead, total	mg/L	11/18/22 - 01/31/25	12	75	CI around median	0.001	0.0330
AW-01	PMP	E008	Lithium, total	mg/L	11/18/22 - 01/31/25	12	100	All ND - Last	0.02	0.0710
AW-01	PMP	E008	Mercury, total	mg/L	11/18/22 - 01/31/25	12	100	All ND - Last	0.0002	0.0002
AW-01	PMP	E008	Molybdenum, total	mg/L	11/18/22 - 01/31/25	12	0	CI around mean	0.00281	0.00620
AW-01	PMP	E008	pH (field)	SU	11/18/22 - 01/31/25	12	0	CI around mean	6.7/7.0	6.3/7.1
AW-01	PMP	E008	Radium 226 + Radium 228, total	pCi/L	11/18/22 - 01/31/25	12	0	CI around median	0.288	9.60
AW-01	PMP	E008	Selenium, total	mg/L	11/18/22 - 01/31/25	12	92	CI around median	0.001	0.00320
AW-01	PMP	E008	Sulfate, total	mg/L	11/18/22 - 01/31/25	12	0	CI around median	41	6.48
AW-01	PMP	E008	Thallium, total	mg/L	11/18/22 - 01/31/25	12	100	All ND - Last	0.001	0.001
AW-01	PMP	E008	Total Dissolved Solids	mg/L	11/18/22 - 01/31/25	12	0	CI around mean	741	1,050
AW-05	UA	E008	Antimony, total	mg/L	11/09/15 - 02/06/25	21	95	Most recent sample	0.003	0.003
AW-05	UA	E008	Arsenic, total	mg/L	11/09/15 - 02/06/25	21	0	CB around T-S line	-0.00638	0.0300
AW-05	UA	E008	Barium, total	mg/L	11/09/15 - 02/06/25	21	0	CB around linear reg	-0.024	2.07
AW-05	UA	E008	Beryllium, total	mg/L	11/09/15 - 02/06/25	20	90	CI around median	0.001	0.00190
AW-05	UA	E008	Boron, total	mg/L	11/09/15 - 02/06/25	22	0	CB around linear reg	5.15	0.535
AW-05	UA	E008	Cadmium, total	mg/L	11/09/15 - 02/06/25	21	90	CI around median	0.001	0.00100
AW-05	UA	E008	Chloride, total	mg/L	11/09/15 - 02/06/25	22	0	CB around T-S line	-76.4	56.0
AW-05	UA	E008	Chromium, total	mg/L	11/09/15 - 02/06/25	21	43	CI around median	0.004	0.0480
AW-05	UA	E008	Cobalt, total	mg/L	11/09/15 - 02/06/25	21	29	CI around geomean	0.00311	0.0280
AW-05	UA	E008	Fluoride, total	mg/L	11/09/15 - 02/06/25	22	59	CI around median	0.25	0.396
AW-05	UA	E008	Lead, total	mg/L	11/09/15 - 02/06/25	20	40	CI around median	0.001	0.0330
AW-05	UA	E008	Lithium, total	mg/L	11/09/15 - 02/06/25	21	43	CB around T-S line	-0.00016	0.0710
AW-05	UA	E008	Mercury, total	mg/L	11/09/15 - 02/06/25	21	95	CI around median	0.0002	0.0002
AW-05	UA	E008	Molybdenum, total	mg/L	11/09/15 - 02/06/25	21	0	CI around mean	0.00202	0.00620

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 1, 2025
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EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-05	UA	E008	pH (field)	SU	11/09/15 - 02/06/25	22	0	CI around median	6.9/7.2	6.3/7.1
AW-05	UA	E008	Radium 226 + Radium 228, total	pCi/L	11/09/15 - 02/06/25	21	0	CI around geomean	0.553	9.60
AW-05	UA	E008	Selenium, total	mg/L	11/09/15 - 02/06/25	21	62	CB around T-S line	0.000794	0.00320
AW-05	UA	E008	Sulfate, total	mg/L	11/09/15 - 02/06/25	22	0	CB around T-S line	293	6.48
AW-05	UA	E008	Thallium, total	mg/L	11/09/15 - 02/06/25	20	100	All ND - Last	0.001	0.001
AW-05	UA	E008	Total Dissolved Solids	mg/L	11/09/15 - 02/06/25	22	0	CI around geomean	1,050	1,050
AW-06	UA	E008	Antimony, total	mg/L	11/10/15 - 02/03/25	22	100	All ND - Last	0.003	0.003
AW-06	UA	E008	Arsenic, total	mg/L	11/10/15 - 02/03/25	27	0	CI around geomean	0.00324	0.0300
AW-06	UA	E008	Barium, total	mg/L	11/10/15 - 02/03/25	27	0	CI around median	0.18	2.07
AW-06	UA	E008	Beryllium, total	mg/L	11/10/15 - 02/03/25	27	89	CI around median	0.001	0.00190
AW-06	UA	E008	Boron, total	mg/L	11/10/15 - 02/03/25	28	0	CB around T-S line	0.0336	0.535
AW-06	UA	E008	Cadmium, total	mg/L	11/10/15 - 02/03/25	22	100	All ND - Last	0.001	0.00100
AW-06	UA	E008	Chloride, total	mg/L	11/10/15 - 02/03/25	28	0	CI around median	34	56.0
AW-06	UA	E008	Chromium, total	mg/L	11/10/15 - 02/03/25	27	59	CB around T-S line	-0.00383	0.0480
AW-06	UA	E008	Cobalt, total	mg/L	11/10/15 - 02/03/25	27	63	CB around T-S line	-0.00106	0.0280
AW-06	UA	E008	Fluoride, total	mg/L	11/10/15 - 02/03/25	28	7	CB around T-S line	0.223	0.396
AW-06	UA	E008	Lead, total	mg/L	11/10/15 - 02/03/25	27	44	CB around T-S line	-0.00312	0.0330
AW-06	UA	E008	Lithium, total	mg/L	11/10/15 - 02/03/25	27	56	CI around median	0.02	0.0710
AW-06	UA	E008	Mercury, total	mg/L	11/10/15 - 02/03/25	22	96	CI around median	0.0002	0.0002
AW-06	UA	E008	Molybdenum, total	mg/L	11/10/15 - 02/03/25	27	0	CI around mean	0.005	0.00620
AW-06	UA	E008	pH (field)	SU	11/10/15 - 02/03/25	28	0	CI around median	7.1/7.3	6.3/7.1
AW-06	UA	E008	Radium 226 + Radium 228, total	pCi/L	11/10/15 - 02/03/25	27	0	CI around mean	0.692	9.60
AW-06	UA	E008	Selenium, total	mg/L	11/10/15 - 02/03/25	27	78	CI around median	0.001	0.00320
AW-06	UA	E008	Sulfate, total	mg/L	11/10/15 - 02/03/25	28	0	CB around linear reg	17.4	6.48
AW-06	UA	E008	Thallium, total	mg/L	11/10/15 - 02/03/25	22	100	All ND - Last	0.001	0.001
AW-06	UA	E008	Total Dissolved Solids	mg/L	11/10/15 - 02/03/25	28	0	CI around mean	520	1,050
AW-09	UA	E008	Antimony, total	mg/L	11/10/15 - 02/04/25	22	100	All ND - Last	0.003	0.003

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 1, 2025
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-09	UA	E008	Arsenic, total	mg/L	11/10/15 - 02/04/25	27	11	CI around mean	0.013	0.0300
AW-09	UA	E008	Barium, total	mg/L	11/10/15 - 02/04/25	27	0	CI around geomean	0.307	2.07
AW-09	UA	E008	Beryllium, total	mg/L	11/10/15 - 02/04/25	27	85	CB around T-S line	0.000465	0.00190
AW-09	UA	E008	Boron, total	mg/L	11/10/15 - 02/04/25	28	0	CB around linear reg	-0.0452	0.535
AW-09	UA	E008	Cadmium, total	mg/L	11/10/15 - 02/04/25	22	91	CI around median	0.001	0.00100
AW-09	UA	E008	Chloride, total	mg/L	11/10/15 - 02/04/25	28	0	CB around T-S line	23.9	56.0
AW-09	UA	E008	Chromium, total	mg/L	11/10/15 - 02/04/25	27	63	CB around T-S line	-0.0347	0.0480
AW-09	UA	E008	Cobalt, total	mg/L	11/10/15 - 02/04/25	27	7	CB around T-S line	-0.0201	0.0280
AW-09	UA	E008	Fluoride, total	mg/L	11/10/15 - 02/04/25	28	68	CB around T-S line	0.192	0.396
AW-09	UA	E008	Lead, total	mg/L	11/10/15 - 02/04/25	27	52	CB around T-S line	-0.0222	0.0330
AW-09	UA	E008	Lithium, total	mg/L	11/10/15 - 02/04/25	27	41	CB around T-S line	-0.03	0.0710
AW-09	UA	E008	Mercury, total	mg/L	11/10/15 - 02/04/25	22	96	CI around median	0.0002	0.0002
AW-09	UA	E008	Molybdenum, total	mg/L	11/10/15 - 02/04/25	27	0	CI around mean	0.0145	0.00620
AW-09	UA	E008	pH (field)	SU	11/10/15 - 02/04/25	28	0	CI around median	6.9/7.0	6.3/7.1
AW-09	UA	E008	Radium 226 + Radium 228, total	pCi/L	11/10/15 - 02/04/25	27	0	CI around median	0.791	9.60
AW-09	UA	E008	Selenium, total	mg/L	11/10/15 - 02/04/25	27	70	CB around T-S line	-0.000916	0.00320
AW-09	UA	E008	Sulfate, total	mg/L	11/10/15 - 02/04/25	28	61	CB around T-S line	-21.3	6.48
AW-09	UA	E008	Thallium, total	mg/L	11/10/15 - 02/04/25	22	96	CI around median	0.001	0.001
AW-09	UA	E008	Total Dissolved Solids	mg/L	11/10/15 - 02/04/25	28	0	CB around T-S line	772	1,050
AW-10	UA	E008	Antimony, total	mg/L	11/09/15 - 02/05/25	23	100	All ND - Last	0.003	0.003
AW-10	UA	E008	Arsenic, total	mg/L	11/09/15 - 02/05/25	28	0	CI around median	0.0097	0.0300
AW-10	UA	E008	Barium, total	mg/L	11/09/15 - 02/05/25	28	0	CI around median	0.9	2.07
AW-10	UA	E008	Beryllium, total	mg/L	11/09/15 - 02/05/25	28	79	CI around median	0.001	0.00190
AW-10	UA	E008	Boron, total	mg/L	11/09/15 - 02/05/25	29	0	CI around mean	0.462	0.535
AW-10	UA	E008	Cadmium, total	mg/L	11/09/15 - 02/05/25	23	96	CI around median	0.001	0.00100
AW-10	UA	E008	Chloride, total	mg/L	11/09/15 - 02/05/25	29	0	CI around mean	86.8	56.0
AW-10	UA	E008	Chromium, total	mg/L	11/09/15 - 02/05/25	28	32	CI around median	0.004	0.0480

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-10	UA	E008	Cobalt, total	mg/L	11/09/15 - 02/05/25	28	4	CI around geomean	0.00415	0.0280
AW-10	UA	E008	Fluoride, total	mg/L	11/09/15 - 02/05/25	29	97	CI around median	0.25	0.396
AW-10	UA	E008	Lead, total	mg/L	11/09/15 - 02/05/25	28	11	CI around geomean	0.00232	0.0330
AW-10	UA	E008	Lithium, total	mg/L	11/09/15 - 02/05/25	28	0	CB around T-S line	-0.00665	0.0710
AW-10	UA	E008	Mercury, total	mg/L	11/09/15 - 02/05/25	23	96	CI around median	0.0002	0.0002
AW-10	UA	E008	Molybdenum, total	mg/L	11/09/15 - 02/05/25	28	21	CI around median	0.0012	0.00620
AW-10	UA	E008	pH (field)	SU	11/09/15 - 02/05/25	30	0	CI around median	7.0/7.1	6.3/7.1
AW-10	UA	E008	Radium 226 + Radium 228, total	pCi/L	11/09/15 - 02/05/25	28	0	CI around geomean	2.14	9.60
AW-10	UA	E008	Selenium, total	mg/L	11/09/15 - 02/05/25	28	68	CB around T-S line	-0.00003	0.00320
AW-10	UA	E008	Sulfate, total	mg/L	11/09/15 - 02/05/25	29	83	CB around T-S line	1	6.48
AW-10	UA	E008	Thallium, total	mg/L	11/09/15 - 02/05/25	23	96	CI around median	0.001	0.001
AW-10	UA	E008	Total Dissolved Solids	mg/L	11/09/15 - 02/05/25	29	0	CI around median	1,100	1,050
AW-11	UA	E008	Antimony, total	mg/L	11/09/15 - 02/04/25	22	100	All ND - Last	0.003	0.003
AW-11	UA	E008	Arsenic, total	mg/L	11/09/15 - 02/04/25	27	0	CI around geomean	0.00902	0.0300
AW-11	UA	E008	Barium, total	mg/L	11/09/15 - 02/04/25	27	0	CI around median	0.84	2.07
AW-11	UA	E008	Beryllium, total	mg/L	11/09/15 - 02/04/25	27	82	CI around median	0.001	0.00190
AW-11	UA	E008	Boron, total	mg/L	11/09/15 - 02/04/25	28	0	CI around mean	0.226	0.535
AW-11	UA	E008	Cadmium, total	mg/L	11/09/15 - 02/04/25	22	86	CI around median	0.001	0.00100
AW-11	UA	E008	Chloride, total	mg/L	11/09/15 - 02/04/25	28	0	CI around mean	31.7	56.0
AW-11	UA	E008	Chromium, total	mg/L	11/09/15 - 02/04/25	27	59	CB around T-S line	-0.0182	0.0480
AW-11	UA	E008	Cobalt, total	mg/L	11/09/15 - 02/04/25	27	37	CB around T-S line	-0.00677	0.0280
AW-11	UA	E008	Fluoride, total	mg/L	11/09/15 - 02/04/25	28	89	CI around median	0.25	0.396
AW-11	UA	E008	Lead, total	mg/L	11/09/15 - 02/04/25	27	44	CB around T-S line	-0.00865	0.0330
AW-11	UA	E008	Lithium, total	mg/L	11/09/15 - 02/04/25	27	18	CB around T-S line	-0.0108	0.0710
AW-11	UA	E008	Mercury, total	mg/L	11/09/15 - 02/04/25	22	100	All ND - Last	0.0002	0.0002
AW-11	UA	E008	Molybdenum, total	mg/L	11/09/15 - 02/04/25	27	15	CB around linear reg	-0.00144	0.00620
AW-11	UA	E008	pH (field)	SU	11/09/15 - 02/04/25	28	0	CI around median	6.9/7.2	6.3/7.1

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ASH POND
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-11	UA	E008	Radium 226 + Radium 228, total	pCi/L	11/09/15 - 02/04/25	27	0	CI around geomean	1.62	9.60
AW-11	UA	E008	Selenium, total	mg/L	11/09/15 - 02/04/25	27	74	CB around T-S line	0.000269	0.00320
AW-11	UA	E008	Sulfate, total	mg/L	11/09/15 - 02/04/25	28	71	CB around T-S line	0.22	6.48
AW-11	UA	E008	Thallium, total	mg/L	11/09/15 - 02/04/25	22	100	All ND - Last	0.001	0.001
AW-11	UA	E008	Total Dissolved Solids	mg/L	11/09/15 - 02/04/25	28	0	CB around T-S line	942	1,050
AW-14	UA	E008	Antimony, total	mg/L	02/11/21 - 02/04/25	16	94	CI around median	0.003	0.003
AW-14	UA	E008	Arsenic, total	mg/L	02/11/21 - 02/04/25	16	0	CB around T-S line	-0.00183	0.0300
AW-14	UA	E008	Barium, total	mg/L	02/11/21 - 02/04/25	16	0	CI around mean	0.62	2.07
AW-14	UA	E008	Beryllium, total	mg/L	02/11/21 - 02/04/25	16	100	All ND - Last	0.001	0.00190
AW-14	UA	E008	Boron, total	mg/L	02/11/21 - 02/04/25	16	0	CI around median	0.18	0.535
AW-14	UA	E008	Cadmium, total	mg/L	02/11/21 - 02/04/25	16	100	All ND - Last	0.001	0.00100
AW-14	UA	E008	Chloride, total	mg/L	02/11/21 - 02/04/25	16	0	CI around median	24	56.0
AW-14	UA	E008	Chromium, total	mg/L	02/11/21 - 02/04/25	16	94	CI around median	0.004	0.0480
AW-14	UA	E008	Cobalt, total	mg/L	02/11/21 - 02/04/25	16	38	CB around T-S line	-0.00866	0.0280
AW-14	UA	E008	Fluoride, total	mg/L	02/11/21 - 02/04/25	16	75	CI around median	0.25	0.396
AW-14	UA	E008	Lead, total	mg/L	02/11/21 - 02/04/25	16	75	CI around median	0.001	0.0330
AW-14	UA	E008	Lithium, total	mg/L	02/11/21 - 02/04/25	16	69	CB around T-S line	0.0129	0.0710
AW-14	UA	E008	Mercury, total	mg/L	02/11/21 - 02/04/25	16	94	CI around median	0.0002	0.0002
AW-14	UA	E008	Molybdenum, total	mg/L	02/11/21 - 02/04/25	16	38	CI around median	0.001	0.00620
AW-14	UA	E008	pH (field)	SU	02/11/21 - 02/04/25	16	0	CI around median	6.8/7.0	6.3/7.1
AW-14	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 02/04/25	16	0	CI around mean	2.1	9.60
AW-14	UA	E008	Selenium, total	mg/L	02/11/21 - 02/04/25	16	88	CI around median	0.001	0.00320
AW-14	UA	E008	Sulfate, total	mg/L	02/11/21 - 02/04/25	16	12	CI around geomean	1.8	6.48
AW-14	UA	E008	Thallium, total	mg/L	02/11/21 - 02/04/25	16	100	All ND - Last	0.001	0.001
AW-14	UA	E008	Total Dissolved Solids	mg/L	02/11/21 - 02/04/25	16	0	CI around median	960	1,050
AW-15	UA	E008	Antimony, total	mg/L	02/12/21 - 02/04/25	14	100	All ND - Last	0.003	0.003
AW-15	UA	E008	Arsenic, total	mg/L	02/12/21 - 02/04/25	14	7	CI around mean	0.00149	0.0300

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AW-15	UA	E008	Barium, total	mg/L	02/12/21 - 02/04/25	14	0	CI around mean	1.66	2.07
AW-15	UA	E008	Beryllium, total	mg/L	02/12/21 - 02/04/25	14	100	All ND - Last	0.001	0.00190
AW-15	UA	E008	Boron, total	mg/L	02/12/21 - 02/04/25	14	0	CI around mean	0.35	0.535
AW-15	UA	E008	Cadmium, total	mg/L	02/12/21 - 02/04/25	14	100	All ND - Last	0.001	0.00100
AW-15	UA	E008	Chloride, total	mg/L	02/12/21 - 02/04/25	14	0	CI around geomean	33.7	56.0
AW-15	UA	E008	Chromium, total	mg/L	02/12/21 - 02/04/25	14	100	All ND - Last	0.004	0.0480
AW-15	UA	E008	Cobalt, total	mg/L	02/12/21 - 02/04/25	14	93	CI around median	0.002	0.0280
AW-15	UA	E008	Fluoride, total	mg/L	02/12/21 - 02/04/25	14	86	CI around median	0.25	0.396
AW-15	UA	E008	Lead, total	mg/L	02/12/21 - 02/04/25	14	100	All ND - Last	0.001	0.0330
AW-15	UA	E008	Lithium, total	mg/L	02/12/21 - 02/04/25	14	0	CI around mean	0.0291	0.0710
AW-15	UA	E008	Mercury, total	mg/L	02/12/21 - 02/04/25	14	93	CI around median	0.0002	0.0002
AW-15	UA	E008	Molybdenum, total	mg/L	02/12/21 - 02/04/25	14	86	CI around median	0.001	0.00620
AW-15	UA	E008	pH (field)	SU	02/12/21 - 02/04/25	13	0	CI around median	6.7/7.0	6.3/7.1
AW-15	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/12/21 - 02/04/25	14	0	CI around mean	3.83	9.60
AW-15	UA	E008	Selenium, total	mg/L	02/12/21 - 02/04/25	14	100	All ND - Last	0.001	0.00320
AW-15	UA	E008	Sulfate, total	mg/L	02/12/21 - 02/04/25	14	93	Most recent sample	1	6.48
AW-15	UA	E008	Thallium, total	mg/L	02/12/21 - 02/04/25	14	100	All ND - Last	0.001	0.001
AW-15	UA	E008	Total Dissolved Solids	mg/L	02/12/21 - 02/04/25	14	0	CI around mean	945	1,050
AW-15S	PMP	E008	Antimony, total	mg/L	02/12/21 - 02/04/25	17	100	All ND - Last	0.003	0.003
AW-15S	PMP	E008	Arsenic, total	mg/L	02/12/21 - 02/04/25	17	71	CI around median	0.001	0.0300
AW-15S	PMP	E008	Barium, total	mg/L	02/12/21 - 02/04/25	17	0	CB around T-S line	-0.0494	2.07
AW-15S	PMP	E008	Beryllium, total	mg/L	02/12/21 - 02/04/25	17	94	CI around median	0.001	0.00190
AW-15S	PMP	E008	Boron, total	mg/L	02/12/21 - 02/04/25	17	0	CI around mean	5.63	0.535
AW-15S	PMP	E008	Cadmium, total	mg/L	02/12/21 - 02/04/25	17	100	All ND - Last	0.001	0.00100
AW-15S	PMP	E008	Chloride, total	mg/L	02/12/21 - 02/04/25	17	0	CB around linear reg	21.8	56.0
AW-15S	PMP	E008	Chromium, total	mg/L	02/12/21 - 02/04/25	17	94	CI around median	0.004	0.0480
AW-15S	PMP	E008	Cobalt, total	mg/L	02/12/21 - 02/04/25	17	94	CI around median	0.002	0.0280

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AW-15S	PMP	E008	Fluoride, total	mg/L	02/12/21 - 02/04/25	17	35	CI around median	0.25	0.396
AW-15S	PMP	E008	Lead, total	mg/L	02/12/21 - 02/04/25	17	88	CI around median	0.001	0.0330
AW-15S	PMP	E008	Lithium, total	mg/L	02/12/21 - 02/04/25	17	88	CI around median	0.02	0.0710
AW-15S	PMP	E008	Mercury, total	mg/L	02/12/21 - 02/04/25	17	100	All ND - Last	0.0002	0.0002
AW-15S	PMP	E008	Molybdenum, total	mg/L	02/12/21 - 02/04/25	17	0	CB around linear reg	0.00208	0.00620
AW-15S	PMP	E008	pH (field)	SU	02/12/21 - 02/04/25	17	0	CI around median	6.7/7.0	6.3/7.1
AW-15S	PMP	E008	Radium 226 + Radium 228, total	pCi/L	02/12/21 - 02/04/25	16	0	CI around mean	0.499	9.60
AW-15S	PMP	E008	Selenium, total	mg/L	02/12/21 - 02/04/25	17	47	CI around median	0.001	0.00320
AW-15S	PMP	E008	Sulfate, total	mg/L	02/12/21 - 02/04/25	17	0	CI around mean	522	6.48
AW-15S	PMP	E008	Thallium, total	mg/L	02/12/21 - 02/04/25	17	100	All ND - Last	0.001	0.001
AW-15S	PMP	E008	Total Dissolved Solids	mg/L	02/12/21 - 02/04/25	17	0	CI around median	1,200	1,050
AW-16	UA	E008	Antimony, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.003	0.003
AW-16	UA	E008	Arsenic, total	mg/L	02/11/21 - 01/31/25	17	18	CI around mean	0.00103	0.0300
AW-16	UA	E008	Barium, total	mg/L	02/11/21 - 01/31/25	17	0	CB around linear reg	0.961	2.07
AW-16	UA	E008	Beryllium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.00190
AW-16	UA	E008	Boron, total	mg/L	02/11/21 - 01/31/25	17	0	CB around linear reg	0.382	0.535
AW-16	UA	E008	Cadmium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.00100
AW-16	UA	E008	Chloride, total	mg/L	02/11/21 - 01/31/25	17	0	CB around linear reg	42.2	56.0
AW-16	UA	E008	Chromium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.004	0.0480
AW-16	UA	E008	Cobalt, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.002	0.0280
AW-16	UA	E008	Fluoride, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.25	0.396
AW-16	UA	E008	Lead, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.0330
AW-16	UA	E008	Lithium, total	mg/L	02/11/21 - 01/31/25	17	0	CB around T-S line	0.0173	0.0710
AW-16	UA	E008	Mercury, total	mg/L	02/11/21 - 01/31/25	17	94	CI around median	0.0002	0.0002
AW-16	UA	E008	Molybdenum, total	mg/L	02/11/21 - 01/31/25	17	94	CI around median	0.001	0.00620
AW-16	UA	E008	pH (field)	SU	02/11/21 - 01/31/25	17	0	CI around mean	6.6/6.8	6.3/7.1
AW-16	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 01/31/25	17	0	CB around linear reg	1.77	9.60

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AW-16	UA	E008	Selenium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.00320
AW-16	UA	E008	Sulfate, total	mg/L	02/11/21 - 01/31/25	17	88	CI around median	1	6.48
AW-16	UA	E008	Thallium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.001
AW-16	UA	E008	Total Dissolved Solids	mg/L	02/11/21 - 01/31/25	17	0	CI around geomean	1,090	1,050
AW-17	UA	E008	Antimony, total	mg/L	02/11/21 - 02/04/25	17	100	All ND - Last	0.003	0.003
AW-17	UA	E008	Arsenic, total	mg/L	02/11/21 - 02/04/25	17	0	CB around linear reg	0.00239	0.0300
AW-17	UA	E008	Barium, total	mg/L	02/11/21 - 02/04/25	17	0	CI around mean	1.02	2.07
AW-17	UA	E008	Beryllium, total	mg/L	02/11/21 - 02/04/25	17	100	All ND - Last	0.001	0.00190
AW-17	UA	E008	Boron, total	mg/L	02/11/21 - 02/04/25	17	0	CI around mean	0.412	0.535
AW-17	UA	E008	Cadmium, total	mg/L	02/11/21 - 02/04/25	17	100	All ND - Last	0.001	0.00100
AW-17	UA	E008	Chloride, total	mg/L	02/11/21 - 02/04/25	17	0	CB around linear reg	46.4	56.0
AW-17	UA	E008	Chromium, total	mg/L	02/11/21 - 02/04/25	17	76	CI around median	0.004	0.0480
AW-17	UA	E008	Cobalt, total	mg/L	02/11/21 - 02/04/25	17	18	CB around linear reg	0.000311	0.0280
AW-17	UA	E008	Fluoride, total	mg/L	02/11/21 - 02/04/25	17	94	CI around median	0.25	0.396
AW-17	UA	E008	Lead, total	mg/L	02/11/21 - 02/04/25	17	76	CI around median	0.001	0.0330
AW-17	UA	E008	Lithium, total	mg/L	02/11/21 - 02/04/25	17	0	CB around linear reg	0.00886	0.0710
AW-17	UA	E008	Mercury, total	mg/L	02/11/21 - 02/04/25	17	94	CI around median	0.0002	0.0002
AW-17	UA	E008	Molybdenum, total	mg/L	02/11/21 - 02/04/25	17	59	CB around T-S line	-0.00102	0.00620
AW-17	UA	E008	pH (field)	SU	02/11/21 - 02/04/25	17	0	CI around mean	6.7/7.0	6.3/7.1
AW-17	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 02/04/25	17	0	CI around mean	2.53	9.60
AW-17	UA	E008	Selenium, total	mg/L	02/11/21 - 02/04/25	17	100	All ND - Last	0.001	0.00320
AW-17	UA	E008	Sulfate, total	mg/L	02/11/21 - 02/04/25	17	100	All ND - Last	1	6.48
AW-17	UA	E008	Thallium, total	mg/L	02/11/21 - 02/04/25	17	100	All ND - Last	0.001	0.001
AW-17	UA	E008	Total Dissolved Solids	mg/L	02/11/21 - 02/04/25	17	0	CI around mean	858	1,050
AW-18	UA	E008	Antimony, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.003	0.003
AW-18	UA	E008	Arsenic, total	mg/L	02/11/21 - 01/31/25	17	0	CB around T-S line	-0.00218	0.0300
AW-18	UA	E008	Barium, total	mg/L	02/11/21 - 01/31/25	17	0	CB around linear reg	1.18	2.07

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AW-18	UA	E008	Beryllium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.00190
AW-18	UA	E008	Boron, total	mg/L	02/11/21 - 01/31/25	17	0	CI around mean	0.687	0.535
AW-18	UA	E008	Cadmium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.00100
AW-18	UA	E008	Chloride, total	mg/L	02/11/21 - 01/31/25	17	0	CI around mean	77.2	56.0
AW-18	UA	E008	Chromium, total	mg/L	02/11/21 - 01/31/25	17	88	CI around median	0.004	0.0480
AW-18	UA	E008	Cobalt, total	mg/L	02/11/21 - 01/31/25	17	82	CI around median	0.002	0.0280
AW-18	UA	E008	Fluoride, total	mg/L	02/11/21 - 01/31/25	17	65	CB around T-S line	-3.48	0.396
AW-18	UA	E008	Lead, total	mg/L	02/11/21 - 01/31/25	17	82	CI around median	0.001	0.0330
AW-18	UA	E008	Lithium, total	mg/L	02/11/21 - 01/31/25	17	6	CB around linear reg	-0.0211	0.0710
AW-18	UA	E008	Mercury, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.0002	0.0002
AW-18	UA	E008	Molybdenum, total	mg/L	02/11/21 - 01/31/25	17	0	CB around linear reg	-0.00913	0.00620
AW-18	UA	E008	pH (field)	SU	02/11/21 - 01/31/25	17	0	CI around mean	6.7/6.9	6.3/7.1
AW-18	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 01/31/25	17	0	CI around mean	2.56	9.60
AW-18	UA	E008	Selenium, total	mg/L	02/11/21 - 01/31/25	17	94	CI around median	0.001	0.00320
AW-18	UA	E008	Sulfate, total	mg/L	02/11/21 - 01/31/25	17	0	CI around geomean	4.51	6.48
AW-18	UA	E008	Thallium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.001
AW-18	UA	E008	Total Dissolved Solids	mg/L	02/11/21 - 01/31/25	17	0	CI around mean	816	1,050
AW-19	UA	E008	Antimony, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.003	0.003
AW-19	UA	E008	Arsenic, total	mg/L	02/11/21 - 01/31/25	17	0	CI around mean	0.0114	0.0300
AW-19	UA	E008	Barium, total	mg/L	02/11/21 - 01/31/25	17	0	CI around median	0.18	2.07
AW-19	UA	E008	Beryllium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.00190
AW-19	UA	E008	Boron, total	mg/L	02/11/21 - 01/31/25	17	0	CB around linear reg	2.85	0.535
AW-19	UA	E008	Cadmium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.00100
AW-19	UA	E008	Chloride, total	mg/L	02/11/21 - 01/31/25	17	0	CI around mean	76	56.0
AW-19	UA	E008	Chromium, total	mg/L	02/11/21 - 01/31/25	17	76	CI around median	0.004	0.0480
AW-19	UA	E008	Cobalt, total	mg/L	02/11/21 - 01/31/25	17	76	CI around median	0.002	0.0280
AW-19	UA	E008	Fluoride, total	mg/L	02/11/21 - 01/31/25	17	29	CB around linear reg	0.183	0.396

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 1, 2025
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-19	UA	E008	Lead, total	mg/L	02/11/21 - 01/31/25	17	59	CI around median	0.001	0.0330
AW-19	UA	E008	Lithium, total	mg/L	02/11/21 - 01/31/25	17	76	CB around T-S line	0.00965	0.0710
AW-19	UA	E008	Mercury, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.0002	0.0002
AW-19	UA	E008	Molybdenum, total	mg/L	02/11/21 - 01/31/25	17	0	CI around median	0.0036	0.00620
AW-19	UA	E008	pH (field)	SU	02/11/21 - 01/31/25	17	0	CI around mean	6.8/7.1	6.3/7.1
AW-19	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 01/31/25	17	0	CI around mean	0.572	9.60
AW-19	UA	E008	Selenium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.00320
AW-19	UA	E008	Sulfate, total	mg/L	02/11/21 - 01/31/25	17	0	CB around linear reg	54.2	6.48
AW-19	UA	E008	Thallium, total	mg/L	02/11/21 - 01/31/25	17	100	All ND - Last	0.001	0.001
AW-19	UA	E008	Total Dissolved Solids	mg/L	02/11/21 - 01/31/25	17	0	CI around mean	578	1,050
AW-21	UA	E008	Antimony, total	mg/L	02/11/21 - 02/03/25	17	100	All ND - Last	0.003	0.003
AW-21	UA	E008	Arsenic, total	mg/L	02/11/21 - 02/03/25	17	18	CI around geomean	0.00113	0.0300
AW-21	UA	E008	Barium, total	mg/L	02/11/21 - 02/03/25	17	0	CB around linear reg	0.0448	2.07
AW-21	UA	E008	Beryllium, total	mg/L	02/11/21 - 02/03/25	17	100	All ND - Last	0.001	0.00190
AW-21	UA	E008	Boron, total	mg/L	02/11/21 - 02/03/25	17	0	CI around mean	10.2	0.535
AW-21	UA	E008	Cadmium, total	mg/L	02/11/21 - 02/03/25	17	100	All ND - Last	0.001	0.00100
AW-21	UA	E008	Chloride, total	mg/L	02/11/21 - 02/03/25	17	0	CB around linear reg	65.5	56.0
AW-21	UA	E008	Chromium, total	mg/L	02/11/21 - 02/03/25	17	100	All ND - Last	0.004	0.0480
AW-21	UA	E008	Cobalt, total	mg/L	02/11/21 - 02/03/25	17	100	All ND - Last	0.002	0.0280
AW-21	UA	E008	Fluoride, total	mg/L	02/11/21 - 02/03/25	17	6	CB around linear reg	0.127	0.396
AW-21	UA	E008	Lead, total	mg/L	02/11/21 - 02/03/25	17	94	CI around median	0.001	0.0330
AW-21	UA	E008	Lithium, total	mg/L	02/11/21 - 02/03/25	17	100	All ND - Last	0.02	0.0710
AW-21	UA	E008	Mercury, total	mg/L	02/11/21 - 02/03/25	17	100	All ND - Last	0.0002	0.0002
AW-21	UA	E008	Molybdenum, total	mg/L	02/11/21 - 02/03/25	17	0	CI around mean	0.0175	0.00620
AW-21	UA	E008	pH (field)	SU	02/11/21 - 02/03/25	17	0	CI around median	7.2/7.3	6.3/7.1
AW-21	UA	E008	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 02/03/25	17	0	CI around mean	0.57	9.60
AW-21	UA	E008	Selenium, total	mg/L	02/11/21 - 02/03/25	17	59	CI around median	0.001	0.00320

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 1, 2025
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EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-21	UA	E008	Sulfate, total	mg/L	02/11/21 - 02/03/25	17	0	CI around median	230	6.48
AW-21	UA	E008	Thallium, total	mg/L	02/11/21 - 02/03/25	17	100	All ND - Last	0.001	0.001
AW-21	UA	E008	Total Dissolved Solids	mg/L	02/11/21 - 02/03/25	17	0	CI around mean	650	1,050

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

Events:
E008 = Quarter 1, 2025 sampling event

HSU = hydrostratigraphic unit:
PMP = Potential Migration Pathway
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
Most recent sample = Result for the most recently collected sample used due to insufficient data

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

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

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

ATTACHMENT B.
COMPARISON TO BACKGROUND - QUARTER 2, 2025
845 QUARTERLY REPORT
EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AP07S	PMP	E009	Antimony, total	mg/L	02/10/21 - 04/23/25	18	100	All ND - Last	0.003	0.003
AP07S	PMP	E009	Arsenic, total	mg/L	02/10/21 - 04/23/25	18	89	CI around median	0.001	0.0300
AP07S	PMP	E009	Barium, total	mg/L	02/10/21 - 04/23/25	18	0	CB around linear reg	0.0167	2.07
AP07S	PMP	E009	Beryllium, total	mg/L	02/10/21 - 04/23/25	18	100	All ND - Last	0.001	0.00190
AP07S	PMP	E009	Boron, total	mg/L	02/10/21 - 04/23/25	18	0	CB around linear reg	8.4	0.535
AP07S	PMP	E009	Cadmium, total	mg/L	02/10/21 - 04/23/25	18	89	CI around median	0.001	0.00100
AP07S	PMP	E009	Chloride, total	mg/L	02/10/21 - 04/23/25	18	0	CI around median	73	56.0
AP07S	PMP	E009	Chromium, total	mg/L	02/10/21 - 04/23/25	18	78	CI around median	0.004	0.0480
AP07S	PMP	E009	Cobalt, total	mg/L	02/10/21 - 04/23/25	18	11	CI around mean	0.00212	0.0280
AP07S	PMP	E009	Fluoride, total	mg/L	02/10/21 - 04/23/25	18	61	CI around median	0.25	0.396
AP07S	PMP	E009	Lead, total	mg/L	02/10/21 - 04/23/25	18	72	CI around median	0.001	0.0330
AP07S	PMP	E009	Lithium, total	mg/L	02/10/21 - 04/23/25	18	100	All ND - Last	0.02	0.0710
AP07S	PMP	E009	Mercury, total	mg/L	02/10/21 - 04/23/25	18	94	CI around median	0.0002	0.0002
AP07S	PMP	E009	Molybdenum, total	mg/L	02/10/21 - 04/23/25	18	56	CI around median	0.001	0.00620
AP07S	PMP	E009	pH (field)	SU	02/10/21 - 04/23/25	18	0	CI around mean	6.7/7.0	6.3/7.1
AP07S	PMP	E009	Radium 226 + Radium 228, total	pCi/L	02/10/21 - 04/23/25	18	0	CI around mean	0.592	9.60
AP07S	PMP	E009	Selenium, total	mg/L	02/10/21 - 04/23/25	18	100	All ND - Last	0.001	0.00320
AP07S	PMP	E009	Sulfate, total	mg/L	02/10/21 - 04/23/25	18	0	CI around geomean	216	6.48
AP07S	PMP	E009	Thallium, total	mg/L	02/10/21 - 04/23/25	18	100	All ND - Last	0.001	0.001
AP07S	PMP	E009	Total Dissolved Solids	mg/L	02/10/21 - 04/23/25	18	0	CI around mean	840	1,050
AW-01	PMP	E009	Antimony, total	mg/L	11/18/22 - 04/23/25	13	100	All ND - Last	0.003	0.003
AW-01	PMP	E009	Arsenic, total	mg/L	11/18/22 - 04/23/25	13	0	CI around geomean	0.00377	0.0300
AW-01	PMP	E009	Barium, total	mg/L	11/18/22 - 04/23/25	13	0	CI around mean	0.0964	2.07
AW-01	PMP	E009	Beryllium, total	mg/L	11/18/22 - 04/23/25	13	100	All ND - Last	0.001	0.00190
AW-01	PMP	E009	Boron, total	mg/L	11/18/22 - 04/23/25	13	0	CI around median	0.072	0.535
AW-01	PMP	E009	Cadmium, total	mg/L	11/18/22 - 04/23/25	13	100	All ND - Last	0.001	0.00100
AW-01	PMP	E009	Chloride, total	mg/L	11/18/22 - 04/23/25	13	0	CB around T-S line	-5	56.0

ATTACHMENT B.
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ASH POND
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-01	PMP	E009	Chromium, total	mg/L	11/18/22 - 04/23/25	13	85	CI around median	0.004	0.0480
AW-01	PMP	E009	Cobalt, total	mg/L	11/18/22 - 04/23/25	13	23	CI around mean	0.00262	0.0280
AW-01	PMP	E009	Fluoride, total	mg/L	11/18/22 - 04/23/25	13	62	CI around median	0.25	0.396
AW-01	PMP	E009	Lead, total	mg/L	11/18/22 - 04/23/25	13	77	CI around median	0.001	0.0330
AW-01	PMP	E009	Lithium, total	mg/L	11/18/22 - 04/23/25	13	100	All ND - Last	0.02	0.0710
AW-01	PMP	E009	Mercury, total	mg/L	11/18/22 - 04/23/25	13	100	All ND - Last	0.0002	0.0002
AW-01	PMP	E009	Molybdenum, total	mg/L	11/18/22 - 04/23/25	13	0	CI around mean	0.00288	0.00620
AW-01	PMP	E009	pH (field)	SU	11/18/22 - 04/23/25	13	0	CI around mean	6.7/7.1	6.3/7.1
AW-01	PMP	E009	Radium 226 + Radium 228, total	pCi/L	11/18/22 - 04/23/25	13	0	CI around median	0.359	9.60
AW-01	PMP	E009	Selenium, total	mg/L	11/18/22 - 04/23/25	13	92	CI around median	0.001	0.00320
AW-01	PMP	E009	Sulfate, total	mg/L	11/18/22 - 04/23/25	13	0	CI around median	41	6.48
AW-01	PMP	E009	Thallium, total	mg/L	11/18/22 - 04/23/25	13	100	All ND - Last	0.001	0.001
AW-01	PMP	E009	Total Dissolved Solids	mg/L	11/18/22 - 04/23/25	13	0	CI around mean	736	1,050
AW-05	UA	E009	Antimony, total	mg/L	11/09/15 - 04/24/25	22	96	Most recent sample	0.003	0.003
AW-05	UA	E009	Arsenic, total	mg/L	11/09/15 - 04/24/25	22	0	CB around T-S line	-0.00604	0.0300
AW-05	UA	E009	Barium, total	mg/L	11/09/15 - 04/24/25	22	0	CB around linear reg	-0.0244	2.07
AW-05	UA	E009	Beryllium, total	mg/L	11/09/15 - 04/24/25	21	90	CI around median	0.001	0.00190
AW-05	UA	E009	Boron, total	mg/L	11/09/15 - 04/24/25	23	0	CB around linear reg	5.54	0.535
AW-05	UA	E009	Cadmium, total	mg/L	11/09/15 - 04/24/25	22	91	CI around median	0.001	0.00100
AW-05	UA	E009	Chloride, total	mg/L	11/09/15 - 04/24/25	23	0	CB around T-S line	-81.2	56.0
AW-05	UA	E009	Chromium, total	mg/L	11/09/15 - 04/24/25	22	46	CI around median	0.004	0.0480
AW-05	UA	E009	Cobalt, total	mg/L	11/09/15 - 04/24/25	22	32	CB around T-S line	-0.00663	0.0280
AW-05	UA	E009	Fluoride, total	mg/L	11/09/15 - 04/24/25	23	61	CI around median	0.25	0.396
AW-05	UA	E009	Lead, total	mg/L	11/09/15 - 04/24/25	21	43	CI around median	0.001	0.0330
AW-05	UA	E009	Lithium, total	mg/L	11/09/15 - 04/24/25	22	46	CB around T-S line	-0.000167	0.0710
AW-05	UA	E009	Mercury, total	mg/L	11/09/15 - 04/24/25	22	96	CI around median	0.0002	0.0002
AW-05	UA	E009	Molybdenum, total	mg/L	11/09/15 - 04/24/25	22	0	CB around linear reg	0.00131	0.00620

ATTACHMENT B.
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EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-05	UA	E009	pH (field)	SU	11/09/15 - 04/24/25	23	0	CB around T-S line	7.0/7.2	6.3/7.1
AW-05	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/09/15 - 04/24/25	22	0	CI around geomean	0.533	9.60
AW-05	UA	E009	Selenium, total	mg/L	11/09/15 - 04/24/25	22	64	CB around T-S line	0.00053	0.00320
AW-05	UA	E009	Sulfate, total	mg/L	11/09/15 - 04/24/25	23	0	CB around T-S line	307	6.48
AW-05	UA	E009	Thallium, total	mg/L	11/09/15 - 04/24/25	21	100	All ND - Last	0.001	0.001
AW-05	UA	E009	Total Dissolved Solids	mg/L	11/09/15 - 04/24/25	23	0	CI around geomean	1,050	1,050
AW-06	UA	E009	Antimony, total	mg/L	11/10/15 - 04/23/25	23	100	All ND - Last	0.003	0.003
AW-06	UA	E009	Arsenic, total	mg/L	11/10/15 - 04/23/25	28	0	CI around geomean	0.00312	0.0300
AW-06	UA	E009	Barium, total	mg/L	11/10/15 - 04/23/25	28	0	CI around median	0.17	2.07
AW-06	UA	E009	Beryllium, total	mg/L	11/10/15 - 04/23/25	28	89	CI around median	0.001	0.00190
AW-06	UA	E009	Boron, total	mg/L	11/10/15 - 04/23/25	29	0	CB around linear reg	0.064	0.535
AW-06	UA	E009	Cadmium, total	mg/L	11/10/15 - 04/23/25	23	100	All ND - Last	0.001	0.00100
AW-06	UA	E009	Chloride, total	mg/L	11/10/15 - 04/23/25	29	0	CI around median	35	56.0
AW-06	UA	E009	Chromium, total	mg/L	11/10/15 - 04/23/25	28	61	CB around T-S line	-0.00331	0.0480
AW-06	UA	E009	Cobalt, total	mg/L	11/10/15 - 04/23/25	28	64	CB around T-S line	-0.00132	0.0280
AW-06	UA	E009	Fluoride, total	mg/L	11/10/15 - 04/23/25	29	7	CB around T-S line	0.224	0.396
AW-06	UA	E009	Lead, total	mg/L	11/10/15 - 04/23/25	28	46	CB around T-S line	-0.0027	0.0330
AW-06	UA	E009	Lithium, total	mg/L	11/10/15 - 04/23/25	28	57	CI around median	0.02	0.0710
AW-06	UA	E009	Mercury, total	mg/L	11/10/15 - 04/23/25	23	96	CI around median	0.0002	0.0002
AW-06	UA	E009	Molybdenum, total	mg/L	11/10/15 - 04/23/25	28	0	CI around mean	0.00498	0.00620
AW-06	UA	E009	pH (field)	SU	11/10/15 - 04/23/25	29	0	CI around median	7.1/7.3	6.3/7.1
AW-06	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/10/15 - 04/23/25	28	0	CB around linear reg	-0.0904	9.60
AW-06	UA	E009	Selenium, total	mg/L	11/10/15 - 04/23/25	28	79	CI around median	0.001	0.00320
AW-06	UA	E009	Sulfate, total	mg/L	11/10/15 - 04/23/25	29	0	CB around linear reg	17	6.48
AW-06	UA	E009	Thallium, total	mg/L	11/10/15 - 04/23/25	23	100	All ND - Last	0.001	0.001
AW-06	UA	E009	Total Dissolved Solids	mg/L	11/10/15 - 04/23/25	29	0	CI around mean	520	1,050
AW-09	UA	E009	Antimony, total	mg/L	11/10/15 - 04/22/25	23	100	All ND - Last	0.003	0.003

ATTACHMENT B.
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ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-09	UA	E009	Arsenic, total	mg/L	11/10/15 - 04/22/25	28	11	CI around mean	0.0134	0.0300
AW-09	UA	E009	Barium, total	mg/L	11/10/15 - 04/22/25	28	0	CI around geomean	0.311	2.07
AW-09	UA	E009	Beryllium, total	mg/L	11/10/15 - 04/22/25	28	86	CB around T-S line	0.000757	0.00190
AW-09	UA	E009	Boron, total	mg/L	11/10/15 - 04/22/25	29	0	CB around linear reg	-0.0324	0.535
AW-09	UA	E009	Cadmium, total	mg/L	11/10/15 - 04/22/25	23	91	CI around median	0.001	0.00100
AW-09	UA	E009	Chloride, total	mg/L	11/10/15 - 04/22/25	29	0	CI around median	27	56.0
AW-09	UA	E009	Chromium, total	mg/L	11/10/15 - 04/22/25	28	64	CB around T-S line	-0.0362	0.0480
AW-09	UA	E009	Cobalt, total	mg/L	11/10/15 - 04/22/25	28	11	CB around T-S line	-0.0204	0.0280
AW-09	UA	E009	Fluoride, total	mg/L	11/10/15 - 04/22/25	29	69	CB around T-S line	0.193	0.396
AW-09	UA	E009	Lead, total	mg/L	11/10/15 - 04/22/25	28	54	CB around T-S line	-0.0213	0.0330
AW-09	UA	E009	Lithium, total	mg/L	11/10/15 - 04/22/25	28	43	CB around T-S line	-0.0249	0.0710
AW-09	UA	E009	Mercury, total	mg/L	11/10/15 - 04/22/25	23	96	CI around median	0.0002	0.0002
AW-09	UA	E009	Molybdenum, total	mg/L	11/10/15 - 04/22/25	28	0	CI around mean	0.0145	0.00620
AW-09	UA	E009	pH (field)	SU	11/10/15 - 04/22/25	29	0	CI around median	6.9/7.0	6.3/7.1
AW-09	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/10/15 - 04/22/25	28	0	CI around median	0.791	9.60
AW-09	UA	E009	Selenium, total	mg/L	11/10/15 - 04/22/25	28	71	CB around T-S line	-0.000561	0.00320
AW-09	UA	E009	Sulfate, total	mg/L	11/10/15 - 04/22/25	29	62	CB around T-S line	-21.9	6.48
AW-09	UA	E009	Thallium, total	mg/L	11/10/15 - 04/22/25	23	96	CI around median	0.001	0.001
AW-09	UA	E009	Total Dissolved Solids	mg/L	11/10/15 - 04/22/25	29	0	CB around T-S line	764	1,050
AW-10	UA	E009	Antimony, total	mg/L	11/09/15 - 04/22/25	24	100	All ND - Last	0.003	0.003
AW-10	UA	E009	Arsenic, total	mg/L	11/09/15 - 04/22/25	29	0	CI around median	0.0098	0.0300
AW-10	UA	E009	Barium, total	mg/L	11/09/15 - 04/22/25	29	0	CI around median	0.93	2.07
AW-10	UA	E009	Beryllium, total	mg/L	11/09/15 - 04/22/25	29	79	CI around median	0.001	0.00190
AW-10	UA	E009	Boron, total	mg/L	11/09/15 - 04/22/25	30	0	CI around mean	0.463	0.535
AW-10	UA	E009	Cadmium, total	mg/L	11/09/15 - 04/22/25	24	96	CI around median	0.001	0.00100
AW-10	UA	E009	Chloride, total	mg/L	11/09/15 - 04/22/25	30	0	CI around mean	87.1	56.0
AW-10	UA	E009	Chromium, total	mg/L	11/09/15 - 04/22/25	29	31	CI around median	0.004	0.0480

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ASH POND
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-10	UA	E009	Cobalt, total	mg/L	11/09/15 - 04/22/25	29	3	CI around geomean	0.00434	0.0280
AW-10	UA	E009	Fluoride, total	mg/L	11/09/15 - 04/22/25	30	97	CI around median	0.25	0.396
AW-10	UA	E009	Lead, total	mg/L	11/09/15 - 04/22/25	29	10	CI around geomean	0.00247	0.0330
AW-10	UA	E009	Lithium, total	mg/L	11/09/15 - 04/22/25	29	0	CB around T-S line	-0.000997	0.0710
AW-10	UA	E009	Mercury, total	mg/L	11/09/15 - 04/22/25	24	96	CI around median	0.0002	0.0002
AW-10	UA	E009	Molybdenum, total	mg/L	11/09/15 - 04/22/25	29	21	CI around median	0.0012	0.00620
AW-10	UA	E009	pH (field)	SU	11/09/15 - 04/22/25	31	0	CI around median	7.0/7.1	6.3/7.1
AW-10	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/09/15 - 04/22/25	29	0	CI around geomean	2.18	9.60
AW-10	UA	E009	Selenium, total	mg/L	11/09/15 - 04/22/25	29	69	CB around T-S line	0.000263	0.00320
AW-10	UA	E009	Sulfate, total	mg/L	11/09/15 - 04/22/25	30	83	CB around T-S line	0.929	6.48
AW-10	UA	E009	Thallium, total	mg/L	11/09/15 - 04/22/25	24	96	CI around median	0.001	0.001
AW-10	UA	E009	Total Dissolved Solids	mg/L	11/09/15 - 04/22/25	30	0	CI around median	1,100	1,050
AW-11	UA	E009	Antimony, total	mg/L	11/09/15 - 04/22/25	23	100	All ND - Last	0.003	0.003
AW-11	UA	E009	Arsenic, total	mg/L	11/09/15 - 04/22/25	28	0	CB around T-S line	0.00507	0.0300
AW-11	UA	E009	Barium, total	mg/L	11/09/15 - 04/22/25	28	0	CI around median	0.84	2.07
AW-11	UA	E009	Beryllium, total	mg/L	11/09/15 - 04/22/25	28	82	CI around median	0.001	0.00190
AW-11	UA	E009	Boron, total	mg/L	11/09/15 - 04/22/25	29	0	CI around mean	0.227	0.535
AW-11	UA	E009	Cadmium, total	mg/L	11/09/15 - 04/22/25	23	87	CI around median	0.001	0.00100
AW-11	UA	E009	Chloride, total	mg/L	11/09/15 - 04/22/25	29	0	CI around mean	31.8	56.0
AW-11	UA	E009	Chromium, total	mg/L	11/09/15 - 04/22/25	28	61	CB around T-S line	-0.0157	0.0480
AW-11	UA	E009	Cobalt, total	mg/L	11/09/15 - 04/22/25	28	39	CB around T-S line	-0.00748	0.0280
AW-11	UA	E009	Fluoride, total	mg/L	11/09/15 - 04/22/25	29	90	CI around median	0.25	0.396
AW-11	UA	E009	Lead, total	mg/L	11/09/15 - 04/22/25	28	46	CB around T-S line	-0.0102	0.0330
AW-11	UA	E009	Lithium, total	mg/L	11/09/15 - 04/22/25	28	18	CB around T-S line	-0.0086	0.0710
AW-11	UA	E009	Mercury, total	mg/L	11/09/15 - 04/22/25	23	100	All ND - Last	0.0002	0.0002
AW-11	UA	E009	Molybdenum, total	mg/L	11/09/15 - 04/22/25	28	18	CB around linear reg	-0.00123	0.00620
AW-11	UA	E009	pH (field)	SU	11/09/15 - 04/22/25	29	0	CI around median	6.9/7.2	6.3/7.1

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ASH POND
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-11	UA	E009	Radium 226 + Radium 228, total	pCi/L	11/09/15 - 04/22/25	28	0	CI around median	1.78	9.60
AW-11	UA	E009	Selenium, total	mg/L	11/09/15 - 04/22/25	28	75	CB around T-S line	0.000437	0.00320
AW-11	UA	E009	Sulfate, total	mg/L	11/09/15 - 04/22/25	29	72	CB around T-S line	0.308	6.48
AW-11	UA	E009	Thallium, total	mg/L	11/09/15 - 04/22/25	23	100	All ND - Last	0.001	0.001
AW-11	UA	E009	Total Dissolved Solids	mg/L	11/09/15 - 04/22/25	29	0	CB around T-S line	957	1,050
AW-14	UA	E009	Antimony, total	mg/L	02/11/21 - 04/21/25	17	94	CI around median	0.003	0.003
AW-14	UA	E009	Arsenic, total	mg/L	02/11/21 - 04/21/25	17	0	CB around T-S line	-0.00197	0.0300
AW-14	UA	E009	Barium, total	mg/L	02/11/21 - 04/21/25	17	0	CI around mean	0.628	2.07
AW-14	UA	E009	Beryllium, total	mg/L	02/11/21 - 04/21/25	17	100	All ND - Last	0.001	0.00190
AW-14	UA	E009	Boron, total	mg/L	02/11/21 - 04/21/25	17	0	CI around median	0.18	0.535
AW-14	UA	E009	Cadmium, total	mg/L	02/11/21 - 04/21/25	17	100	All ND - Last	0.001	0.00100
AW-14	UA	E009	Chloride, total	mg/L	02/11/21 - 04/21/25	17	0	CI around median	24	56.0
AW-14	UA	E009	Chromium, total	mg/L	02/11/21 - 04/21/25	17	94	CI around median	0.004	0.0480
AW-14	UA	E009	Cobalt, total	mg/L	02/11/21 - 04/21/25	17	41	CB around T-S line	-0.00883	0.0280
AW-14	UA	E009	Fluoride, total	mg/L	02/11/21 - 04/21/25	17	76	CI around median	0.25	0.396
AW-14	UA	E009	Lead, total	mg/L	02/11/21 - 04/21/25	17	76	CI around median	0.001	0.0330
AW-14	UA	E009	Lithium, total	mg/L	02/11/21 - 04/21/25	17	71	CB around T-S line	0.0134	0.0710
AW-14	UA	E009	Mercury, total	mg/L	02/11/21 - 04/21/25	17	94	CI around median	0.0002	0.0002
AW-14	UA	E009	Molybdenum, total	mg/L	02/11/21 - 04/21/25	17	41	CB around T-S line	-0.047	0.00620
AW-14	UA	E009	pH (field)	SU	02/11/21 - 04/21/25	17	0	CI around median	6.8/7.0	6.3/7.1
AW-14	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 04/21/25	17	0	CI around mean	2.09	9.60
AW-14	UA	E009	Selenium, total	mg/L	02/11/21 - 04/21/25	17	88	CI around median	0.001	0.00320
AW-14	UA	E009	Sulfate, total	mg/L	02/11/21 - 04/21/25	17	12	CI around geomean	1.82	6.48
AW-14	UA	E009	Thallium, total	mg/L	02/11/21 - 04/21/25	17	100	All ND - Last	0.001	0.001
AW-14	UA	E009	Total Dissolved Solids	mg/L	02/11/21 - 04/21/25	17	0	CI around median	960	1,050
AW-15	UA	E009	Antimony, total	mg/L	02/12/21 - 04/21/25	15	100	All ND - Last	0.003	0.003
AW-15	UA	E009	Arsenic, total	mg/L	02/12/21 - 04/21/25	15	7	CI around mean	0.0015	0.0300

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AW-15	UA	E009	Barium, total	mg/L	02/12/21 - 04/21/25	15	0	CI around mean	1.66	2.07
AW-15	UA	E009	Beryllium, total	mg/L	02/12/21 - 04/21/25	15	100	All ND - Last	0.001	0.00190
AW-15	UA	E009	Boron, total	mg/L	02/12/21 - 04/21/25	15	0	CI around mean	0.353	0.535
AW-15	UA	E009	Cadmium, total	mg/L	02/12/21 - 04/21/25	15	100	All ND - Last	0.001	0.00100
AW-15	UA	E009	Chloride, total	mg/L	02/12/21 - 04/21/25	15	0	CI around mean	34	56.0
AW-15	UA	E009	Chromium, total	mg/L	02/12/21 - 04/21/25	15	100	All ND - Last	0.004	0.0480
AW-15	UA	E009	Cobalt, total	mg/L	02/12/21 - 04/21/25	15	93	CI around median	0.002	0.0280
AW-15	UA	E009	Fluoride, total	mg/L	02/12/21 - 04/21/25	15	87	CI around median	0.25	0.396
AW-15	UA	E009	Lead, total	mg/L	02/12/21 - 04/21/25	15	100	All ND - Last	0.001	0.0330
AW-15	UA	E009	Lithium, total	mg/L	02/12/21 - 04/21/25	15	0	CI around mean	0.0291	0.0710
AW-15	UA	E009	Mercury, total	mg/L	02/12/21 - 04/21/25	15	93	CI around median	0.0002	0.0002
AW-15	UA	E009	Molybdenum, total	mg/L	02/12/21 - 04/21/25	15	87	CI around median	0.001	0.00620
AW-15	UA	E009	pH (field)	SU	02/12/21 - 04/21/25	14	0	CI around median	6.7/7.0	6.3/7.1
AW-15	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/12/21 - 04/21/25	15	0	CI around mean	3.87	9.60
AW-15	UA	E009	Selenium, total	mg/L	02/12/21 - 04/21/25	15	100	All ND - Last	0.001	0.00320
AW-15	UA	E009	Sulfate, total	mg/L	02/12/21 - 04/21/25	15	93	Most recent sample	1	6.48
AW-15	UA	E009	Thallium, total	mg/L	02/12/21 - 04/21/25	15	100	All ND - Last	0.001	0.001
AW-15	UA	E009	Total Dissolved Solids	mg/L	02/12/21 - 04/21/25	15	0	CI around mean	955	1,050
AW-15S	PMP	E009	Antimony, total	mg/L	02/12/21 - 04/21/25	18	100	All ND - Last	0.003	0.003
AW-15S	PMP	E009	Arsenic, total	mg/L	02/12/21 - 04/21/25	18	72	CI around median	0.001	0.0300
AW-15S	PMP	E009	Barium, total	mg/L	02/12/21 - 04/21/25	18	0	CB around T-S line	0.00691	2.07
AW-15S	PMP	E009	Beryllium, total	mg/L	02/12/21 - 04/21/25	18	94	CI around median	0.001	0.00190
AW-15S	PMP	E009	Boron, total	mg/L	02/12/21 - 04/21/25	18	0	CI around mean	5.65	0.535
AW-15S	PMP	E009	Cadmium, total	mg/L	02/12/21 - 04/21/25	18	100	All ND - Last	0.001	0.00100
AW-15S	PMP	E009	Chloride, total	mg/L	02/12/21 - 04/21/25	18	0	CB around linear reg	22.4	56.0
AW-15S	PMP	E009	Chromium, total	mg/L	02/12/21 - 04/21/25	18	94	CI around median	0.004	0.0480
AW-15S	PMP	E009	Cobalt, total	mg/L	02/12/21 - 04/21/25	18	94	CI around median	0.002	0.0280

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AW-15S	PMP	E009	Fluoride, total	mg/L	02/12/21 - 04/21/25	18	39	CI around median	0.25	0.396
AW-15S	PMP	E009	Lead, total	mg/L	02/12/21 - 04/21/25	18	89	CI around median	0.001	0.0330
AW-15S	PMP	E009	Lithium, total	mg/L	02/12/21 - 04/21/25	18	89	CI around median	0.02	0.0710
AW-15S	PMP	E009	Mercury, total	mg/L	02/12/21 - 04/21/25	18	100	All ND - Last	0.0002	0.0002
AW-15S	PMP	E009	Molybdenum, total	mg/L	02/12/21 - 04/21/25	18	0	CB around linear reg	0.00202	0.00620
AW-15S	PMP	E009	pH (field)	SU	02/12/21 - 04/21/25	18	0	CI around median	6.8/7.0	6.3/7.1
AW-15S	PMP	E009	Radium 226 + Radium 228, total	pCi/L	02/12/21 - 04/21/25	17	0	CI around mean	0.528	9.60
AW-15S	PMP	E009	Selenium, total	mg/L	02/12/21 - 04/21/25	18	44	CI around median	0.001	0.00320
AW-15S	PMP	E009	Sulfate, total	mg/L	02/12/21 - 04/21/25	18	0	CI around mean	523	6.48
AW-15S	PMP	E009	Thallium, total	mg/L	02/12/21 - 04/21/25	18	100	All ND - Last	0.001	0.001
AW-15S	PMP	E009	Total Dissolved Solids	mg/L	02/12/21 - 04/21/25	18	0	CI around median	1,300	1,050
AW-16	UA	E009	Antimony, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.003	0.003
AW-16	UA	E009	Arsenic, total	mg/L	02/11/21 - 04/18/25	18	17	CI around mean	0.00104	0.0300
AW-16	UA	E009	Barium, total	mg/L	02/11/21 - 04/18/25	18	0	CB around linear reg	0.965	2.07
AW-16	UA	E009	Beryllium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.00190
AW-16	UA	E009	Boron, total	mg/L	02/11/21 - 04/18/25	18	0	CB around linear reg	0.381	0.535
AW-16	UA	E009	Cadmium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.00100
AW-16	UA	E009	Chloride, total	mg/L	02/11/21 - 04/18/25	18	0	CB around linear reg	42.6	56.0
AW-16	UA	E009	Chromium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.004	0.0480
AW-16	UA	E009	Cobalt, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.002	0.0280
AW-16	UA	E009	Fluoride, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.25	0.396
AW-16	UA	E009	Lead, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.0330
AW-16	UA	E009	Lithium, total	mg/L	02/11/21 - 04/18/25	18	0	CB around T-S line	0.018	0.0710
AW-16	UA	E009	Mercury, total	mg/L	02/11/21 - 04/18/25	18	94	CI around median	0.0002	0.0002
AW-16	UA	E009	Molybdenum, total	mg/L	02/11/21 - 04/18/25	18	94	CI around median	0.001	0.00620
AW-16	UA	E009	pH (field)	SU	02/11/21 - 04/18/25	18	0	CI around mean	6.6/6.8	6.3/7.1
AW-16	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 04/18/25	18	0	CB around linear reg	1.5	9.60

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ASH POND
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-16	UA	E009	Selenium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.00320
AW-16	UA	E009	Sulfate, total	mg/L	02/11/21 - 04/18/25	18	89	CI around median	1	6.48
AW-16	UA	E009	Thallium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.001
AW-16	UA	E009	Total Dissolved Solids	mg/L	02/11/21 - 04/18/25	18	0	CI around geomean	1,100	1,050
AW-17	UA	E009	Antimony, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.003	0.003
AW-17	UA	E009	Arsenic, total	mg/L	02/11/21 - 04/18/25	18	0	CB around linear reg	0.00239	0.0300
AW-17	UA	E009	Barium, total	mg/L	02/11/21 - 04/18/25	18	0	CI around median	1	2.07
AW-17	UA	E009	Beryllium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.00190
AW-17	UA	E009	Boron, total	mg/L	02/11/21 - 04/18/25	18	0	CI around mean	0.412	0.535
AW-17	UA	E009	Cadmium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.00100
AW-17	UA	E009	Chloride, total	mg/L	02/11/21 - 04/18/25	18	0	CI around mean	51.6	56.0
AW-17	UA	E009	Chromium, total	mg/L	02/11/21 - 04/18/25	18	78	CI around median	0.004	0.0480
AW-17	UA	E009	Cobalt, total	mg/L	02/11/21 - 04/18/25	18	17	CB around linear reg	0.000392	0.0280
AW-17	UA	E009	Fluoride, total	mg/L	02/11/21 - 04/18/25	18	94	CI around median	0.25	0.396
AW-17	UA	E009	Lead, total	mg/L	02/11/21 - 04/18/25	18	78	CI around median	0.001	0.0330
AW-17	UA	E009	Lithium, total	mg/L	02/11/21 - 04/18/25	18	0	CB around T-S line	-0.00235	0.0710
AW-17	UA	E009	Mercury, total	mg/L	02/11/21 - 04/18/25	18	94	CI around median	0.0002	0.0002
AW-17	UA	E009	Molybdenum, total	mg/L	02/11/21 - 04/18/25	18	61	CB around T-S line	-0.000212	0.00620
AW-17	UA	E009	pH (field)	SU	02/11/21 - 04/18/25	18	0	CI around mean	6.7/7.0	6.3/7.1
AW-17	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 04/18/25	18	0	CI around mean	2.45	9.60
AW-17	UA	E009	Selenium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.00320
AW-17	UA	E009	Sulfate, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	1	6.48
AW-17	UA	E009	Thallium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.001
AW-17	UA	E009	Total Dissolved Solids	mg/L	02/11/21 - 04/18/25	18	0	CI around mean	864	1,050
AW-18	UA	E009	Antimony, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.003	0.003
AW-18	UA	E009	Arsenic, total	mg/L	02/11/21 - 04/18/25	18	0	CB around T-S line	-0.00041	0.0300
AW-18	UA	E009	Barium, total	mg/L	02/11/21 - 04/18/25	18	0	CB around linear reg	1.18	2.07

ATTACHMENT B.
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EDWARDS POWER PLANT
ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-18	UA	E009	Beryllium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.00190
AW-18	UA	E009	Boron, total	mg/L	02/11/21 - 04/18/25	18	0	CI around mean	0.713	0.535
AW-18	UA	E009	Cadmium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.00100
AW-18	UA	E009	Chloride, total	mg/L	02/11/21 - 04/18/25	18	0	CB around linear reg	83.1	56.0
AW-18	UA	E009	Chromium, total	mg/L	02/11/21 - 04/18/25	18	89	CI around median	0.004	0.0480
AW-18	UA	E009	Cobalt, total	mg/L	02/11/21 - 04/18/25	18	83	CI around median	0.002	0.0280
AW-18	UA	E009	Fluoride, total	mg/L	02/11/21 - 04/18/25	18	67	CB around T-S line	-3.43	0.396
AW-18	UA	E009	Lead, total	mg/L	02/11/21 - 04/18/25	18	83	CI around median	0.001	0.0330
AW-18	UA	E009	Lithium, total	mg/L	02/11/21 - 04/18/25	18	6	CB around linear reg	-0.0197	0.0710
AW-18	UA	E009	Mercury, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.0002	0.0002
AW-18	UA	E009	Molybdenum, total	mg/L	02/11/21 - 04/18/25	18	0	CB around linear reg	-0.00865	0.00620
AW-18	UA	E009	pH (field)	SU	02/11/21 - 04/18/25	18	0	CI around mean	6.7/6.9	6.3/7.1
AW-18	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 04/18/25	18	0	CI around mean	2.57	9.60
AW-18	UA	E009	Selenium, total	mg/L	02/11/21 - 04/18/25	18	94	CI around median	0.001	0.00320
AW-18	UA	E009	Sulfate, total	mg/L	02/11/21 - 04/18/25	18	0	CI around geomean	4.27	6.48
AW-18	UA	E009	Thallium, total	mg/L	02/11/21 - 04/18/25	18	100	All ND - Last	0.001	0.001
AW-18	UA	E009	Total Dissolved Solids	mg/L	02/11/21 - 04/18/25	18	0	CI around mean	819	1,050
AW-19	UA	E009	Antimony, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.003	0.003
AW-19	UA	E009	Arsenic, total	mg/L	02/11/21 - 04/21/25	18	0	CI around mean	0.0115	0.0300
AW-19	UA	E009	Barium, total	mg/L	02/11/21 - 04/21/25	18	0	CI around median	0.18	2.07
AW-19	UA	E009	Beryllium, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.001	0.00190
AW-19	UA	E009	Boron, total	mg/L	02/11/21 - 04/21/25	18	0	CB around linear reg	2.89	0.535
AW-19	UA	E009	Cadmium, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.001	0.00100
AW-19	UA	E009	Chloride, total	mg/L	02/11/21 - 04/21/25	18	0	CI around mean	76.4	56.0
AW-19	UA	E009	Chromium, total	mg/L	02/11/21 - 04/21/25	18	78	CI around median	0.004	0.0480
AW-19	UA	E009	Cobalt, total	mg/L	02/11/21 - 04/21/25	18	78	CI around median	0.002	0.0280
AW-19	UA	E009	Fluoride, total	mg/L	02/11/21 - 04/21/25	18	28	CB around linear reg	0.188	0.396

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ASH POND
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-19	UA	E009	Lead, total	mg/L	02/11/21 - 04/21/25	18	61	CI around median	0.001	0.0330
AW-19	UA	E009	Lithium, total	mg/L	02/11/21 - 04/21/25	18	78	CB around T-S line	0.0124	0.0710
AW-19	UA	E009	Mercury, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.0002	0.0002
AW-19	UA	E009	Molybdenum, total	mg/L	02/11/21 - 04/21/25	18	0	CI around median	0.0036	0.00620
AW-19	UA	E009	pH (field)	SU	02/11/21 - 04/21/25	18	0	CI around mean	6.8/7.1	6.3/7.1
AW-19	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 04/21/25	18	0	CI around mean	0.602	9.60
AW-19	UA	E009	Selenium, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.001	0.00320
AW-19	UA	E009	Sulfate, total	mg/L	02/11/21 - 04/21/25	18	0	CB around linear reg	55.2	6.48
AW-19	UA	E009	Thallium, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.001	0.001
AW-19	UA	E009	Total Dissolved Solids	mg/L	02/11/21 - 04/21/25	18	0	CB around linear reg	605	1,050
AW-21	UA	E009	Antimony, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.003	0.003
AW-21	UA	E009	Arsenic, total	mg/L	02/11/21 - 04/21/25	18	22	CI around geomean	0.00111	0.0300
AW-21	UA	E009	Barium, total	mg/L	02/11/21 - 04/21/25	18	0	CB around linear reg	0.0445	2.07
AW-21	UA	E009	Beryllium, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.001	0.00190
AW-21	UA	E009	Boron, total	mg/L	02/11/21 - 04/21/25	18	0	CI around mean	10.3	0.535
AW-21	UA	E009	Cadmium, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.001	0.00100
AW-21	UA	E009	Chloride, total	mg/L	02/11/21 - 04/21/25	18	0	CI around mean	82.9	56.0
AW-21	UA	E009	Chromium, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.004	0.0480
AW-21	UA	E009	Cobalt, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.002	0.0280
AW-21	UA	E009	Fluoride, total	mg/L	02/11/21 - 04/21/25	18	6	CB around linear reg	0.141	0.396
AW-21	UA	E009	Lead, total	mg/L	02/11/21 - 04/21/25	18	94	CI around median	0.001	0.0330
AW-21	UA	E009	Lithium, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.02	0.0710
AW-21	UA	E009	Mercury, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.0002	0.0002
AW-21	UA	E009	Molybdenum, total	mg/L	02/11/21 - 04/21/25	18	0	CI around mean	0.0176	0.00620
AW-21	UA	E009	pH (field)	SU	02/11/21 - 04/21/25	18	0	CI around median	7.2/7.3	6.3/7.1
AW-21	UA	E009	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 04/21/25	18	0	CI around mean	0.556	9.60
AW-21	UA	E009	Selenium, total	mg/L	02/11/21 - 04/21/25	18	56	CI around median	0.001	0.00320

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ASH POND
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-21	UA	E009	Sulfate, total	mg/L	02/11/21 - 04/21/25	18	0	CI around median	230	6.48
AW-21	UA	E009	Thallium, total	mg/L	02/11/21 - 04/21/25	18	100	All ND - Last	0.001	0.001
AW-21	UA	E009	Total Dissolved Solids	mg/L	02/11/21 - 04/21/25	18	0	CI around mean	656	1,050

Notes:

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

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

Events:

E009 = Quarter 2, 2025 sampling event

HSU = hydrostratigraphic unit:

PMP = Potential Migration Pathway

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

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

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

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

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

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

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

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

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

NS⁶ = Sampling pump could not yield a sample.

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

NS⁸ = A sample was not collected.

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

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

ATTACHMENT B.
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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AP07S	PMP	E010	Antimony, total	mg/L	02/10/21 - 07/22/25	19	100	All ND - Last	0.003	0.003
AP07S	PMP	E010	Arsenic, total	mg/L	02/10/21 - 07/22/25	19	90	CI around median	0.001	0.0300
AP07S	PMP	E010	Barium, total	mg/L	02/10/21 - 07/22/25	19	0	CI around mean	0.0647	2.07
AP07S	PMP	E010	Beryllium, total	mg/L	02/10/21 - 07/22/25	19	100	All ND - Last	0.001	0.00190
AP07S	PMP	E010	Boron, total	mg/L	02/10/21 - 07/22/25	19	0	CB around linear reg	9.78	0.535
AP07S	PMP	E010	Cadmium, total	mg/L	02/10/21 - 07/22/25	19	90	CI around median	0.001	0.00100
AP07S	PMP	E010	Chloride, total	mg/L	02/10/21 - 07/22/25	19	0	CB around linear reg	31.3	56.0
AP07S	PMP	E010	Chromium, total	mg/L	02/10/21 - 07/22/25	19	79	CI around median	0.004	0.0480
AP07S	PMP	E010	Cobalt, total	mg/L	02/10/21 - 07/22/25	19	16	CI around geomean	0.00212	0.0280
AP07S	PMP	E010	Fluoride, total	mg/L	02/10/21 - 07/22/25	19	63	CI around median	0.25	0.396
AP07S	PMP	E010	Lead, total	mg/L	02/10/21 - 07/22/25	19	74	CI around median	0.001	0.0330
AP07S	PMP	E010	Lithium, total	mg/L	02/10/21 - 07/22/25	19	100	All ND - Last	0.02	0.0710
AP07S	PMP	E010	Mercury, total	mg/L	02/10/21 - 07/22/25	19	95	CI around median	0.0002	0.0002
AP07S	PMP	E010	Molybdenum, total	mg/L	02/10/21 - 07/22/25	19	58	CI around median	0.001	0.00620
AP07S	PMP	E010	pH (field)	SU	02/10/21 - 07/22/25	19	0	CB around linear reg	6.8/7.3	6.3/7.1
AP07S	PMP	E010	Radium 226 + Radium 228, total	pCi/L	02/10/21 - 07/22/25	19	0	CI around mean	0.539	9.60
AP07S	PMP	E010	Selenium, total	mg/L	02/10/21 - 07/22/25	19	100	All ND - Last	0.001	0.00320
AP07S	PMP	E010	Sulfate, total	mg/L	02/10/21 - 07/22/25	19	0	CI around median	180	6.48
AP07S	PMP	E010	Thallium, total	mg/L	02/10/21 - 07/22/25	19	100	All ND - Last	0.001	0.001
AP07S	PMP	E010	Total Dissolved Solids	mg/L	02/10/21 - 07/22/25	19	0	CI around mean	860	1,050
AW-01	PMP	E010	Antimony, total	mg/L	11/18/22 - 07/22/25	14	100	All ND - Last	0.003	0.003
AW-01	PMP	E010	Arsenic, total	mg/L	11/18/22 - 07/22/25	14	0	CI around geomean	0.00399	0.0300
AW-01	PMP	E010	Barium, total	mg/L	11/18/22 - 07/22/25	14	0	CI around mean	0.0976	2.07
AW-01	PMP	E010	Beryllium, total	mg/L	11/18/22 - 07/22/25	14	100	All ND - Last	0.001	0.00190
AW-01	PMP	E010	Boron, total	mg/L	11/18/22 - 07/22/25	14	0	CI around median	0.072	0.535
AW-01	PMP	E010	Cadmium, total	mg/L	11/18/22 - 07/22/25	14	100	All ND - Last	0.001	0.00100
AW-01	PMP	E010	Chloride, total	mg/L	11/18/22 - 07/22/25	14	0	CB around T-S line	-3.37	56.0

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Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-01	PMP	E010	Chromium, total	mg/L	11/18/22 - 07/22/25	14	86	CI around median	0.004	0.0480
AW-01	PMP	E010	Cobalt, total	mg/L	11/18/22 - 07/22/25	14	21	CI around mean	0.00259	0.0280
AW-01	PMP	E010	Fluoride, total	mg/L	11/18/22 - 07/22/25	14	64	CI around median	0.25	0.396
AW-01	PMP	E010	Lead, total	mg/L	11/18/22 - 07/22/25	14	79	CI around median	0.001	0.0330
AW-01	PMP	E010	Lithium, total	mg/L	11/18/22 - 07/22/25	14	100	All ND - Last	0.02	0.0710
AW-01	PMP	E010	Mercury, total	mg/L	11/18/22 - 07/22/25	14	100	All ND - Last	0.0002	0.0002
AW-01	PMP	E010	Molybdenum, total	mg/L	11/18/22 - 07/22/25	14	0	CI around mean	0.00292	0.00620
AW-01	PMP	E010	pH (field)	SU	11/18/22 - 07/22/25	14	0	CI around mean	6.7/7.1	6.3/7.1
AW-01	PMP	E010	Radium 226 + Radium 228, total	pCi/L	11/18/22 - 07/22/25	14	0	CI around median	0.288	9.60
AW-01	PMP	E010	Selenium, total	mg/L	11/18/22 - 07/22/25	14	93	CI around median	0.001	0.00320
AW-01	PMP	E010	Sulfate, total	mg/L	11/18/22 - 07/22/25	14	0	CI around median	41	6.48
AW-01	PMP	E010	Thallium, total	mg/L	11/18/22 - 07/22/25	14	100	All ND - Last	0.001	0.001
AW-01	PMP	E010	Total Dissolved Solids	mg/L	11/18/22 - 07/22/25	14	0	CB around linear reg	559	1,050
AW-05	UA	E010	Antimony, total	mg/L	11/09/15 - 07/21/25	23	96	Most recent sample	0.003	0.003
AW-05	UA	E010	Arsenic, total	mg/L	11/09/15 - 07/21/25	23	0	CB around T-S line	-0.00606	0.0300
AW-05	UA	E010	Barium, total	mg/L	11/09/15 - 07/21/25	23	0	CB around linear reg	-0.0254	2.07
AW-05	UA	E010	Beryllium, total	mg/L	11/09/15 - 07/21/25	22	91	CI around median	0.001	0.00190
AW-05	UA	E010	Boron, total	mg/L	11/09/15 - 07/21/25	24	0	CB around linear reg	6.15	0.535
AW-05	UA	E010	Cadmium, total	mg/L	11/09/15 - 07/21/25	23	91	CI around median	0.001	0.00100
AW-05	UA	E010	Chloride, total	mg/L	11/09/15 - 07/21/25	24	0	CB around T-S line	-62.2	56.0
AW-05	UA	E010	Chromium, total	mg/L	11/09/15 - 07/21/25	23	48	CB around T-S line	-0.00891	0.0480
AW-05	UA	E010	Cobalt, total	mg/L	11/09/15 - 07/21/25	23	35	CB around T-S line	-0.00648	0.0280
AW-05	UA	E010	Fluoride, total	mg/L	11/09/15 - 07/21/25	24	62	CI around median	0.25	0.396
AW-05	UA	E010	Lead, total	mg/L	11/09/15 - 07/21/25	22	46	CI around median	0.001	0.0330
AW-05	UA	E010	Lithium, total	mg/L	11/09/15 - 07/21/25	23	48	CB around T-S line	0.00224	0.0710
AW-05	UA	E010	Mercury, total	mg/L	11/09/15 - 07/21/25	23	96	CI around median	0.0002	0.0002
AW-05	UA	E010	Molybdenum, total	mg/L	11/09/15 - 07/21/25	23	0	CB around linear reg	0.00133	0.00620

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ASH POND
BARTONVILLE, IL

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-05	UA	E010	pH (field)	SU	11/09/15 - 07/21/25	24	0	CI around median	7.0/7.2	6.3/7.1
AW-05	UA	E010	Radium 226 + Radium 228, total	pCi/L	11/09/15 - 07/21/25	23	0	CI around median	0.465	9.60
AW-05	UA	E010	Selenium, total	mg/L	11/09/15 - 07/21/25	23	65	CB around T-S line	0.000789	0.00320
AW-05	UA	E010	Sulfate, total	mg/L	11/09/15 - 07/21/25	24	0	CB around T-S line	318	6.48
AW-05	UA	E010	Thallium, total	mg/L	11/09/15 - 07/21/25	22	100	All ND - Last	0.001	0.001
AW-05	UA	E010	Total Dissolved Solids	mg/L	11/09/15 - 07/21/25	24	0	CI around geomean	1,060	1,050
AW-06	UA	E010	Antimony, total	mg/L	11/10/15 - 07/21/25	24	100	All ND - Last	0.003	0.003
AW-06	UA	E010	Arsenic, total	mg/L	11/10/15 - 07/21/25	29	0	CI around geomean	0.00305	0.0300
AW-06	UA	E010	Barium, total	mg/L	11/10/15 - 07/21/25	29	0	CB around T-S line	0.102	2.07
AW-06	UA	E010	Beryllium, total	mg/L	11/10/15 - 07/21/25	29	90	CI around median	0.001	0.00190
AW-06	UA	E010	Boron, total	mg/L	11/10/15 - 07/21/25	30	0	CB around T-S line	0.0348	0.535
AW-06	UA	E010	Cadmium, total	mg/L	11/10/15 - 07/21/25	24	100	All ND - Last	0.001	0.00100
AW-06	UA	E010	Chloride, total	mg/L	11/10/15 - 07/21/25	30	0	CI around median	35	56.0
AW-06	UA	E010	Chromium, total	mg/L	11/10/15 - 07/21/25	29	62	CB around T-S line	-0.00259	0.0480
AW-06	UA	E010	Cobalt, total	mg/L	11/10/15 - 07/21/25	29	66	CB around T-S line	-0.00118	0.0280
AW-06	UA	E010	Fluoride, total	mg/L	11/10/15 - 07/21/25	30	7	CI around mean	0.304	0.396
AW-06	UA	E010	Lead, total	mg/L	11/10/15 - 07/21/25	29	48	CB around T-S line	-0.00272	0.0330
AW-06	UA	E010	Lithium, total	mg/L	11/10/15 - 07/21/25	29	59	CI around median	0.02	0.0710
AW-06	UA	E010	Mercury, total	mg/L	11/10/15 - 07/21/25	24	96	CI around median	0.0002	0.0002
AW-06	UA	E010	Molybdenum, total	mg/L	11/10/15 - 07/21/25	29	0	CI around mean	0.00499	0.00620
AW-06	UA	E010	pH (field)	SU	11/10/15 - 07/21/25	30	0	CI around median	7.1/7.3	6.3/7.1
AW-06	UA	E010	Radium 226 + Radium 228, total	pCi/L	11/10/15 - 07/21/25	29	0	CB around linear reg	-0.15	9.60
AW-06	UA	E010	Selenium, total	mg/L	11/10/15 - 07/21/25	29	79	CI around median	0.001	0.00320
AW-06	UA	E010	Sulfate, total	mg/L	11/10/15 - 07/21/25	30	0	CB around linear reg	16.7	6.48
AW-06	UA	E010	Thallium, total	mg/L	11/10/15 - 07/21/25	24	100	All ND - Last	0.001	0.001
AW-06	UA	E010	Total Dissolved Solids	mg/L	11/10/15 - 07/21/25	30	0	CI around mean	520	1,050
AW-09	UA	E010	Antimony, total	mg/L	11/10/15 - 07/22/25	24	100	All ND - Last	0.003	0.003

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AW-09	UA	E010	Arsenic, total	mg/L	11/10/15 - 07/22/25	29	10	CI around mean	0.0137	0.0300
AW-09	UA	E010	Barium, total	mg/L	11/10/15 - 07/22/25	29	0	CI around geomean	0.314	2.07
AW-09	UA	E010	Beryllium, total	mg/L	11/10/15 - 07/22/25	29	86	CB around T-S line	0.001	0.00190
AW-09	UA	E010	Boron, total	mg/L	11/10/15 - 07/22/25	30	0	CB around linear reg	-0.0259	0.535
AW-09	UA	E010	Cadmium, total	mg/L	11/10/15 - 07/22/25	24	92	CI around median	0.001	0.00100
AW-09	UA	E010	Chloride, total	mg/L	11/10/15 - 07/22/25	30	0	CI around median	27	56.0
AW-09	UA	E010	Chromium, total	mg/L	11/10/15 - 07/22/25	29	66	CB around T-S line	-0.0289	0.0480
AW-09	UA	E010	Cobalt, total	mg/L	11/10/15 - 07/22/25	29	10	CB around T-S line	-0.0152	0.0280
AW-09	UA	E010	Fluoride, total	mg/L	11/10/15 - 07/22/25	30	70	CB around T-S line	0.204	0.396
AW-09	UA	E010	Lead, total	mg/L	11/10/15 - 07/22/25	29	55	CB around T-S line	-0.0191	0.0330
AW-09	UA	E010	Lithium, total	mg/L	11/10/15 - 07/22/25	29	45	CB around T-S line	-0.0181	0.0710
AW-09	UA	E010	Mercury, total	mg/L	11/10/15 - 07/22/25	24	96	CI around median	0.0002	0.0002
AW-09	UA	E010	Molybdenum, total	mg/L	11/10/15 - 07/22/25	29	0	CI around median	0.014	0.00620
AW-09	UA	E010	pH (field)	SU	11/10/15 - 07/22/25	30	0	CI around median	6.9/7.0	6.3/7.1
AW-09	UA	E010	Radium 226 + Radium 228, total	pCi/L	11/10/15 - 07/22/25	29	0	CI around median	0.791	9.60
AW-09	UA	E010	Selenium, total	mg/L	11/10/15 - 07/22/25	29	72	CB around T-S line	0.0000366	0.00320
AW-09	UA	E010	Sulfate, total	mg/L	11/10/15 - 07/22/25	30	63	CB around T-S line	-19.6	6.48
AW-09	UA	E010	Thallium, total	mg/L	11/10/15 - 07/22/25	24	96	CI around median	0.001	0.001
AW-09	UA	E010	Total Dissolved Solids	mg/L	11/10/15 - 07/22/25	30	0	CB around T-S line	760	1,050
AW-10	UA	E010	Antimony, total	mg/L	11/09/15 - 07/22/25	25	100	All ND - Last	0.003	0.003
AW-10	UA	E010	Arsenic, total	mg/L	11/09/15 - 07/22/25	30	0	CI around median	0.0098	0.0300
AW-10	UA	E010	Barium, total	mg/L	11/09/15 - 07/22/25	30	0	CI around median	0.93	2.07
AW-10	UA	E010	Beryllium, total	mg/L	11/09/15 - 07/22/25	30	80	CI around median	0.001	0.00190
AW-10	UA	E010	Boron, total	mg/L	11/09/15 - 07/22/25	31	0	CI around mean	0.462	0.535
AW-10	UA	E010	Cadmium, total	mg/L	11/09/15 - 07/22/25	25	96	CI around median	0.001	0.00100
AW-10	UA	E010	Chloride, total	mg/L	11/09/15 - 07/22/25	31	0	CI around mean	87	56.0
AW-10	UA	E010	Chromium, total	mg/L	11/09/15 - 07/22/25	30	30	CI around median	0.004	0.0480

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AW-10	UA	E010	Cobalt, total	mg/L	11/09/15 - 07/22/25	30	3	CI around geomean	0.0045	0.0280
AW-10	UA	E010	Fluoride, total	mg/L	11/09/15 - 07/22/25	31	97	CI around median	0.25	0.396
AW-10	UA	E010	Lead, total	mg/L	11/09/15 - 07/22/25	30	10	CI around geomean	0.00259	0.0330
AW-10	UA	E010	Lithium, total	mg/L	11/09/15 - 07/22/25	30	0	CB around T-S line	0.000453	0.0710
AW-10	UA	E010	Mercury, total	mg/L	11/09/15 - 07/22/25	25	96	CI around median	0.0002	0.0002
AW-10	UA	E010	Molybdenum, total	mg/L	11/09/15 - 07/22/25	30	20	CI around median	0.0012	0.00620
AW-10	UA	E010	pH (field)	SU	11/09/15 - 07/22/25	32	0	CI around median	7.0/7.1	6.3/7.1
AW-10	UA	E010	Radium 226 + Radium 228, total	pCi/L	11/09/15 - 07/22/25	30	0	CI around mean	2.46	9.60
AW-10	UA	E010	Selenium, total	mg/L	11/09/15 - 07/22/25	30	70	CB around T-S line	0.000454	0.00320
AW-10	UA	E010	Sulfate, total	mg/L	11/09/15 - 07/22/25	31	84	CB around T-S line	1	6.48
AW-10	UA	E010	Thallium, total	mg/L	11/09/15 - 07/22/25	25	96	CI around median	0.001	0.001
AW-10	UA	E010	Total Dissolved Solids	mg/L	11/09/15 - 07/22/25	31	0	CI around median	1,100	1,050
AW-11	UA	E010	Antimony, total	mg/L	11/09/15 - 07/25/25	24	100	All ND - Last	0.003	0.003
AW-11	UA	E010	Arsenic, total	mg/L	11/09/15 - 07/25/25	29	0	CB around T-S line	0.00556	0.0300
AW-11	UA	E010	Barium, total	mg/L	11/09/15 - 07/25/25	29	0	CI around median	0.85	2.07
AW-11	UA	E010	Beryllium, total	mg/L	11/09/15 - 07/25/25	29	83	CI around median	0.001	0.00190
AW-11	UA	E010	Boron, total	mg/L	11/09/15 - 07/25/25	30	0	CI around mean	0.227	0.535
AW-11	UA	E010	Cadmium, total	mg/L	11/09/15 - 07/25/25	24	88	CI around median	0.001	0.00100
AW-11	UA	E010	Chloride, total	mg/L	11/09/15 - 07/25/25	30	0	CI around mean	31.9	56.0
AW-11	UA	E010	Chromium, total	mg/L	11/09/15 - 07/25/25	29	62	CB around T-S line	-0.0158	0.0480
AW-11	UA	E010	Cobalt, total	mg/L	11/09/15 - 07/25/25	29	41	CB around T-S line	-0.00341	0.0280
AW-11	UA	E010	Fluoride, total	mg/L	11/09/15 - 07/25/25	30	90	CI around median	0.25	0.396
AW-11	UA	E010	Lead, total	mg/L	11/09/15 - 07/25/25	29	48	CB around T-S line	-0.00597	0.0330
AW-11	UA	E010	Lithium, total	mg/L	11/09/15 - 07/25/25	29	21	CB around T-S line	-0.0102	0.0710
AW-11	UA	E010	Mercury, total	mg/L	11/09/15 - 07/25/25	24	100	All ND - Last	0.0002	0.0002
AW-11	UA	E010	Molybdenum, total	mg/L	11/09/15 - 07/25/25	29	21	CB around linear reg	-0.00128	0.00620
AW-11	UA	E010	pH (field)	SU	11/09/15 - 07/25/25	30	0	CI around median	6.9/7.2	6.3/7.1

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AW-11	UA	E010	Radium 226 + Radium 228, total	pCi/L	11/09/15 - 07/25/25	29	0	CI around median	1.91	9.60
AW-11	UA	E010	Selenium, total	mg/L	11/09/15 - 07/25/25	29	76	CB around T-S line	0.000452	0.00320
AW-11	UA	E010	Sulfate, total	mg/L	11/09/15 - 07/25/25	30	73	CB around T-S line	0.492	6.48
AW-11	UA	E010	Thallium, total	mg/L	11/09/15 - 07/25/25	24	100	All ND - Last	0.001	0.001
AW-11	UA	E010	Total Dissolved Solids	mg/L	11/09/15 - 07/25/25	30	0	CB around T-S line	942	1,050
AW-14	UA	E010	Antimony, total	mg/L	02/11/21 - 07/21/25	18	94	CI around median	0.003	0.003
AW-14	UA	E010	Arsenic, total	mg/L	02/11/21 - 07/21/25	18	0	CB around T-S line	-0.00187	0.0300
AW-14	UA	E010	Barium, total	mg/L	02/11/21 - 07/21/25	18	0	CI around mean	0.624	2.07
AW-14	UA	E010	Beryllium, total	mg/L	02/11/21 - 07/21/25	18	100	All ND - Last	0.001	0.00190
AW-14	UA	E010	Boron, total	mg/L	02/11/21 - 07/21/25	18	0	CI around median	0.18	0.535
AW-14	UA	E010	Cadmium, total	mg/L	02/11/21 - 07/21/25	18	100	All ND - Last	0.001	0.00100
AW-14	UA	E010	Chloride, total	mg/L	02/11/21 - 07/21/25	18	0	CI around median	24	56.0
AW-14	UA	E010	Chromium, total	mg/L	02/11/21 - 07/21/25	18	94	CI around median	0.004	0.0480
AW-14	UA	E010	Cobalt, total	mg/L	02/11/21 - 07/21/25	18	44	CB around T-S line	-0.00597	0.0280
AW-14	UA	E010	Fluoride, total	mg/L	02/11/21 - 07/21/25	18	78	CI around median	0.25	0.396
AW-14	UA	E010	Lead, total	mg/L	02/11/21 - 07/21/25	18	78	CI around median	0.001	0.0330
AW-14	UA	E010	Lithium, total	mg/L	02/11/21 - 07/21/25	18	72	CB around T-S line	0.0139	0.0710
AW-14	UA	E010	Mercury, total	mg/L	02/11/21 - 07/21/25	18	94	CI around median	0.0002	0.0002
AW-14	UA	E010	Molybdenum, total	mg/L	02/11/21 - 07/21/25	18	39	CB around T-S line	-0.0384	0.00620
AW-14	UA	E010	pH (field)	SU	02/11/21 - 07/21/25	18	0	CI around median	6.8/7.0	6.3/7.1
AW-14	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 07/21/25	18	0	CI around mean	2.18	9.60
AW-14	UA	E010	Selenium, total	mg/L	02/11/21 - 07/21/25	18	89	CI around median	0.001	0.00320
AW-14	UA	E010	Sulfate, total	mg/L	02/11/21 - 07/21/25	18	11	CI around geomean	1.93	6.48
AW-14	UA	E010	Thallium, total	mg/L	02/11/21 - 07/21/25	18	100	All ND - Last	0.001	0.001
AW-14	UA	E010	Total Dissolved Solids	mg/L	02/11/21 - 07/21/25	18	0	CI around median	960	1,050
AW-15	UA	E010	Antimony, total	mg/L	02/12/21 - 07/22/25	16	100	All ND - Last	0.003	0.003
AW-15	UA	E010	Arsenic, total	mg/L	02/12/21 - 07/22/25	16	6	CI around mean	0.00152	0.0300

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AW-15	UA	E010	Barium, total	mg/L	02/12/21 - 07/22/25	16	0	CI around mean	1.66	2.07
AW-15	UA	E010	Beryllium, total	mg/L	02/12/21 - 07/22/25	16	100	All ND - Last	0.001	0.00190
AW-15	UA	E010	Boron, total	mg/L	02/12/21 - 07/22/25	16	0	CI around mean	0.355	0.535
AW-15	UA	E010	Cadmium, total	mg/L	02/12/21 - 07/22/25	16	100	All ND - Last	0.001	0.00100
AW-15	UA	E010	Chloride, total	mg/L	02/12/21 - 07/22/25	16	0	CI around geomean	34.2	56.0
AW-15	UA	E010	Chromium, total	mg/L	02/12/21 - 07/22/25	16	100	All ND - Last	0.004	0.0480
AW-15	UA	E010	Cobalt, total	mg/L	02/12/21 - 07/22/25	16	94	CI around median	0.002	0.0280
AW-15	UA	E010	Fluoride, total	mg/L	02/12/21 - 07/22/25	16	88	CI around median	0.25	0.396
AW-15	UA	E010	Lead, total	mg/L	02/12/21 - 07/22/25	16	100	All ND - Last	0.001	0.0330
AW-15	UA	E010	Lithium, total	mg/L	02/12/21 - 07/22/25	16	0	CI around geomean	0.0293	0.0710
AW-15	UA	E010	Mercury, total	mg/L	02/12/21 - 07/22/25	16	94	CI around median	0.0002	0.0002
AW-15	UA	E010	Molybdenum, total	mg/L	02/12/21 - 07/22/25	16	88	CI around median	0.001	0.00620
AW-15	UA	E010	pH (field)	SU	02/12/21 - 07/22/25	15	0	CI around median	6.7/7.0	6.3/7.1
AW-15	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/12/21 - 07/22/25	16	0	CI around mean	4.02	9.60
AW-15	UA	E010	Selenium, total	mg/L	02/12/21 - 07/22/25	16	100	All ND - Last	0.001	0.00320
AW-15	UA	E010	Sulfate, total	mg/L	02/12/21 - 07/22/25	16	94	Most recent sample	1	6.48
AW-15	UA	E010	Thallium, total	mg/L	02/12/21 - 07/22/25	16	100	All ND - Last	0.001	0.001
AW-15	UA	E010	Total Dissolved Solids	mg/L	02/12/21 - 07/22/25	16	0	CI around geomean	957	1,050
AW-15S	PMP	E010	Antimony, total	mg/L	02/12/21 - 07/22/25	19	100	All ND - Last	0.003	0.003
AW-15S	PMP	E010	Arsenic, total	mg/L	02/12/21 - 07/22/25	19	74	CI around median	0.001	0.0300
AW-15S	PMP	E010	Barium, total	mg/L	02/12/21 - 07/22/25	19	0	CB around T-S line	0.0429	2.07
AW-15S	PMP	E010	Beryllium, total	mg/L	02/12/21 - 07/22/25	19	95	CI around median	0.001	0.00190
AW-15S	PMP	E010	Boron, total	mg/L	02/12/21 - 07/22/25	19	0	CI around mean	5.66	0.535
AW-15S	PMP	E010	Cadmium, total	mg/L	02/12/21 - 07/22/25	19	100	All ND - Last	0.001	0.00100
AW-15S	PMP	E010	Chloride, total	mg/L	02/12/21 - 07/22/25	19	0	CB around linear reg	22.1	56.0
AW-15S	PMP	E010	Chromium, total	mg/L	02/12/21 - 07/22/25	19	95	CI around median	0.004	0.0480
AW-15S	PMP	E010	Cobalt, total	mg/L	02/12/21 - 07/22/25	19	95	CI around median	0.002	0.0280

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AW-15S	PMP	E010	Fluoride, total	mg/L	02/12/21 - 07/22/25	19	42	CI around median	0.25	0.396
AW-15S	PMP	E010	Lead, total	mg/L	02/12/21 - 07/22/25	19	90	CI around median	0.001	0.0330
AW-15S	PMP	E010	Lithium, total	mg/L	02/12/21 - 07/22/25	19	90	CI around median	0.02	0.0710
AW-15S	PMP	E010	Mercury, total	mg/L	02/12/21 - 07/22/25	19	100	All ND - Last	0.0002	0.0002
AW-15S	PMP	E010	Molybdenum, total	mg/L	02/12/21 - 07/22/25	19	0	CB around linear reg	0.00201	0.00620
AW-15S	PMP	E010	pH (field)	SU	02/12/21 - 07/22/25	19	0	CI around median	6.8/7.0	6.3/7.1
AW-15S	PMP	E010	Radium 226 + Radium 228, total	pCi/L	02/12/21 - 07/22/25	18	0	CI around mean	0.478	9.60
AW-15S	PMP	E010	Selenium, total	mg/L	02/12/21 - 07/22/25	19	42	CI around median	0.001	0.00320
AW-15S	PMP	E010	Sulfate, total	mg/L	02/12/21 - 07/22/25	19	0	CI around mean	523	6.48
AW-15S	PMP	E010	Thallium, total	mg/L	02/12/21 - 07/22/25	19	100	All ND - Last	0.001	0.001
AW-15S	PMP	E010	Total Dissolved Solids	mg/L	02/12/21 - 07/22/25	19	0	CI around median	1,200	1,050
AW-16	UA	E010	Antimony, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.003	0.003
AW-16	UA	E010	Arsenic, total	mg/L	02/11/21 - 07/22/25	19	21	CI around mean	0.00102	0.0300
AW-16	UA	E010	Barium, total	mg/L	02/11/21 - 07/22/25	19	0	CB around linear reg	0.965	2.07
AW-16	UA	E010	Beryllium, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.001	0.00190
AW-16	UA	E010	Boron, total	mg/L	02/11/21 - 07/22/25	19	0	CB around linear reg	0.376	0.535
AW-16	UA	E010	Cadmium, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.001	0.00100
AW-16	UA	E010	Chloride, total	mg/L	02/11/21 - 07/22/25	19	0	CB around linear reg	42.7	56.0
AW-16	UA	E010	Chromium, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.004	0.0480
AW-16	UA	E010	Cobalt, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.002	0.0280
AW-16	UA	E010	Fluoride, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.25	0.396
AW-16	UA	E010	Lead, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.001	0.0330
AW-16	UA	E010	Lithium, total	mg/L	02/11/21 - 07/22/25	19	0	CB around T-S line	0.0188	0.0710
AW-16	UA	E010	Mercury, total	mg/L	02/11/21 - 07/22/25	19	95	CI around median	0.0002	0.0002
AW-16	UA	E010	Molybdenum, total	mg/L	02/11/21 - 07/22/25	19	95	CI around median	0.001	0.00620
AW-16	UA	E010	pH (field)	SU	02/11/21 - 07/22/25	19	0	CI around mean	6.6/6.8	6.3/7.1
AW-16	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 07/22/25	19	0	CB around linear reg	1.63	9.60

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AW-16	UA	E010	Selenium, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.001	0.00320
AW-16	UA	E010	Sulfate, total	mg/L	02/11/21 - 07/22/25	19	90	CI around median	1	6.48
AW-16	UA	E010	Thallium, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.001	0.001
AW-16	UA	E010	Total Dissolved Solids	mg/L	02/11/21 - 07/22/25	19	0	CI around median	1,100	1,050
AW-17	UA	E010	Antimony, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.003	0.003
AW-17	UA	E010	Arsenic, total	mg/L	02/11/21 - 07/22/25	19	0	CB around linear reg	0.00232	0.0300
AW-17	UA	E010	Barium, total	mg/L	02/11/21 - 07/22/25	19	0	CB around linear reg	0.886	2.07
AW-17	UA	E010	Beryllium, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.001	0.00190
AW-17	UA	E010	Boron, total	mg/L	02/11/21 - 07/22/25	19	0	CB around linear reg	0.373	0.535
AW-17	UA	E010	Cadmium, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.001	0.00100
AW-17	UA	E010	Chloride, total	mg/L	02/11/21 - 07/22/25	19	0	CI around mean	51.8	56.0
AW-17	UA	E010	Chromium, total	mg/L	02/11/21 - 07/22/25	19	79	CI around median	0.004	0.0480
AW-17	UA	E010	Cobalt, total	mg/L	02/11/21 - 07/22/25	19	21	CB around linear reg	0.000419	0.0280
AW-17	UA	E010	Fluoride, total	mg/L	02/11/21 - 07/22/25	19	95	CI around median	0.25	0.396
AW-17	UA	E010	Lead, total	mg/L	02/11/21 - 07/22/25	19	79	CI around median	0.001	0.0330
AW-17	UA	E010	Lithium, total	mg/L	02/11/21 - 07/22/25	19	0	CB around T-S line	0.0013	0.0710
AW-17	UA	E010	Mercury, total	mg/L	02/11/21 - 07/22/25	19	95	CI around median	0.0002	0.0002
AW-17	UA	E010	Molybdenum, total	mg/L	02/11/21 - 07/22/25	19	63	CB around T-S line	-0.000146	0.00620
AW-17	UA	E010	pH (field)	SU	02/11/21 - 07/22/25	19	0	CI around mean	6.7/7.0	6.3/7.1
AW-17	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 07/22/25	19	0	CI around mean	2.41	9.60
AW-17	UA	E010	Selenium, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.001	0.00320
AW-17	UA	E010	Sulfate, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	1	6.48
AW-17	UA	E010	Thallium, total	mg/L	02/11/21 - 07/22/25	19	100	All ND - Last	0.001	0.001
AW-17	UA	E010	Total Dissolved Solids	mg/L	02/11/21 - 07/22/25	19	0	CI around mean	867	1,050
AW-18	UA	E010	Antimony, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.003	0.003
AW-18	UA	E010	Arsenic, total	mg/L	02/11/21 - 07/21/25	19	0	CI around geomean	0.00327	0.0300
AW-18	UA	E010	Barium, total	mg/L	02/11/21 - 07/21/25	19	0	CB around linear reg	1.25	2.07

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-18	UA	E010	Beryllium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.00190
AW-18	UA	E010	Boron, total	mg/L	02/11/21 - 07/21/25	19	0	CI around mean	0.674	0.535
AW-18	UA	E010	Cadmium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.00100
AW-18	UA	E010	Chloride, total	mg/L	02/11/21 - 07/21/25	19	0	CB around linear reg	86.6	56.0
AW-18	UA	E010	Chromium, total	mg/L	02/11/21 - 07/21/25	19	90	CI around median	0.004	0.0480
AW-18	UA	E010	Cobalt, total	mg/L	02/11/21 - 07/21/25	19	84	CI around median	0.002	0.0280
AW-18	UA	E010	Fluoride, total	mg/L	02/11/21 - 07/21/25	19	68	CB around T-S line	-3.82	0.396
AW-18	UA	E010	Lead, total	mg/L	02/11/21 - 07/21/25	19	84	CI around median	0.001	0.0330
AW-18	UA	E010	Lithium, total	mg/L	02/11/21 - 07/21/25	19	5	CB around linear reg	-0.019	0.0710
AW-18	UA	E010	Mercury, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.0002	0.0002
AW-18	UA	E010	Molybdenum, total	mg/L	02/11/21 - 07/21/25	19	0	CB around linear reg	-0.00843	0.00620
AW-18	UA	E010	pH (field)	SU	02/11/21 - 07/21/25	19	0	CI around mean	6.7/6.9	6.3/7.1
AW-18	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 07/21/25	19	0	CI around mean	2.63	9.60
AW-18	UA	E010	Selenium, total	mg/L	02/11/21 - 07/21/25	19	95	CI around median	0.001	0.00320
AW-18	UA	E010	Sulfate, total	mg/L	02/11/21 - 07/21/25	19	5	CB around linear reg	-5.04	6.48
AW-18	UA	E010	Thallium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.001
AW-18	UA	E010	Total Dissolved Solids	mg/L	02/11/21 - 07/21/25	19	0	CI around mean	825	1,050
AW-19	UA	E010	Antimony, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.003	0.003
AW-19	UA	E010	Arsenic, total	mg/L	02/11/21 - 07/21/25	19	0	CI around mean	0.0116	0.0300
AW-19	UA	E010	Barium, total	mg/L	02/11/21 - 07/21/25	19	0	CI around median	0.18	2.07
AW-19	UA	E010	Beryllium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.00190
AW-19	UA	E010	Boron, total	mg/L	02/11/21 - 07/21/25	19	0	CB around linear reg	2.92	0.535
AW-19	UA	E010	Cadmium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.00100
AW-19	UA	E010	Chloride, total	mg/L	02/11/21 - 07/21/25	19	0	CI around mean	76.2	56.0
AW-19	UA	E010	Chromium, total	mg/L	02/11/21 - 07/21/25	19	79	CI around median	0.004	0.0480
AW-19	UA	E010	Cobalt, total	mg/L	02/11/21 - 07/21/25	19	79	CI around median	0.002	0.0280
AW-19	UA	E010	Fluoride, total	mg/L	02/11/21 - 07/21/25	19	26	CB around linear reg	0.19	0.396

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-19	UA	E010	Lead, total	mg/L	02/11/21 - 07/21/25	19	63	CB around T-S line	-0.00217	0.0330
AW-19	UA	E010	Lithium, total	mg/L	02/11/21 - 07/21/25	19	79	CB around T-S line	0.0138	0.0710
AW-19	UA	E010	Mercury, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.0002	0.0002
AW-19	UA	E010	Molybdenum, total	mg/L	02/11/21 - 07/21/25	19	0	CI around median	0.0036	0.00620
AW-19	UA	E010	pH (field)	SU	02/11/21 - 07/21/25	19	0	CI around mean	6.8/7.1	6.3/7.1
AW-19	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 07/21/25	19	0	CI around mean	0.55	9.60
AW-19	UA	E010	Selenium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.00320
AW-19	UA	E010	Sulfate, total	mg/L	02/11/21 - 07/21/25	19	0	CB around linear reg	55.1	6.48
AW-19	UA	E010	Thallium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.001
AW-19	UA	E010	Total Dissolved Solids	mg/L	02/11/21 - 07/21/25	19	0	CB around linear reg	608	1,050
AW-21	UA	E010	Antimony, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.003	0.003
AW-21	UA	E010	Arsenic, total	mg/L	02/11/21 - 07/21/25	19	21	CI around geomean	0.0011	0.0300
AW-21	UA	E010	Barium, total	mg/L	02/11/21 - 07/21/25	19	0	CB around linear reg	0.0446	2.07
AW-21	UA	E010	Beryllium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.00190
AW-21	UA	E010	Boron, total	mg/L	02/11/21 - 07/21/25	19	0	CI around mean	10.3	0.535
AW-21	UA	E010	Cadmium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.00100
AW-21	UA	E010	Chloride, total	mg/L	02/11/21 - 07/21/25	19	0	CI around mean	82.7	56.0
AW-21	UA	E010	Chromium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.004	0.0480
AW-21	UA	E010	Cobalt, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.002	0.0280
AW-21	UA	E010	Fluoride, total	mg/L	02/11/21 - 07/21/25	19	5	CB around linear reg	0.144	0.396
AW-21	UA	E010	Lead, total	mg/L	02/11/21 - 07/21/25	19	95	CI around median	0.001	0.0330
AW-21	UA	E010	Lithium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.02	0.0710
AW-21	UA	E010	Mercury, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.0002	0.0002
AW-21	UA	E010	Molybdenum, total	mg/L	02/11/21 - 07/21/25	19	0	CI around mean	0.0174	0.00620
AW-21	UA	E010	pH (field)	SU	02/11/21 - 07/21/25	19	0	CI around median	7.2/7.3	6.3/7.1
AW-21	UA	E010	Radium 226 + Radium 228, total	pCi/L	02/11/21 - 07/21/25	19	0	CI around mean	0.503	9.60
AW-21	UA	E010	Selenium, total	mg/L	02/11/21 - 07/21/25	19	53	CB around T-S line	0.001	0.00320

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

Well ID	HSU	Event	Parameter	Units	Date Range	Sample Count	Percent ND	Statistical Calculation	Statistical Result	Background
AW-21	UA	E010	Sulfate, total	mg/L	02/11/21 - 07/21/25	19	0	CI around median	230	6.48
AW-21	UA	E010	Thallium, total	mg/L	02/11/21 - 07/21/25	19	100	All ND - Last	0.001	0.001
AW-21	UA	E010	Total Dissolved Solids	mg/L	02/11/21 - 07/21/25	19	0	CI around mean	659	1,050

Notes:

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

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

Events:

E010 = Quarter 3, 2025 sampling event

HSU = hydrostratigraphic unit:

PMP = Potential Migration Pathway

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

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

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

Statistical Result Code (if applicable):

NR¹ = Parameter not analyzed.

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

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

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

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

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

NS⁶ = Sampling pump could not yield a sample.

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

NS⁸ = A sample was not collected.

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

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