



Illinois Environmental Protection Agency

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

COAL COMBUSTION RESIDUALS GROUNDWATER, LEACHATE, ND 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: Powerton Generating Station

Facility Address: 13082 E. Manito Rd, Pekin, IL

Site ID #: 1798010002 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)

<u>Groundwater</u>	<u>Leachate</u>
_____ Quarterly - Enter 1, 2, 3, or 4	_____ Quarterly - Enter 1, 2, 3, or 4
<input type="checkbox"/> Semi Annual	<input type="checkbox"/> Semi Annual
<input type="checkbox"/> Annual	<input type="checkbox"/> 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-Sit (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)

TRANSMITTAL

To: Illinois Environmental Protection Agency
DWPC – Permits Section (MC 15)
Attn: Part 845 Coal Combustion Residual Rule Submittal
2520 W Iles Ave
Springfield, IL 62704

Date: January 30, 2026

From: Midwest Generation, LLC – Powerton Station

**Re: Midwest Generation, LLC – Powerton Generating Station
Account No. W1798010008
CCR Surface Impoundment Annual Consolidated Report**

In accordance with the requirements of Title 35 of the Illinois Administrative Code (“35 IAC”) Section 845.550, the Annual Consolidated Report is attached for the following CCR surface impoundments at Powerton Generating Station:

Pond ID	CCR Surface Impoundment Description
W179801008-01	Ash Surge Basin
W179801008-04	Bypass Basin
W179801008-03	Metal Cleaning Basin
W179801008-05	Former Ash Basin

The certification pages from the Hazard Potential Classification Assessments, Structural Stability Assessments, Safety Factor Assessments, and Inflow Design Flood Control System Plans have been provided in Attachment B. A full copy of these assessments can be found on our public website at www.midwestgenerationllc.com. If you have any questions or require additional information regarding this submittal, please contact Jill Buckley at Jill.Buckley@nrg.com.

2025 ANNUAL CONSOLIDATED REPORT POWERTON GENERATING STATION

ASH SURGE BASIN – W1798010008-01
BYPASS BASIN – W1798010008-04
METAL CLEANING BASIN – W1798010008-03
FORMER ASH BASIN – W1798010008-05

ATTACHMENT A – ANNUAL CCR FUGITIVE DUST CONTROL REPORT

ATTACHMENT B – ANNUAL INSPECTION REPORT

ATTACHMENT B.1 – HAZARD POTENTIAL CLASSIFICATION ASSESSMENT
CERTIFICATION

ATTACHMENT B.2 – STRUCTURAL STABILITY AND SAFETY FACTOR
ASSESSMENT CERTIFICATION

ATTACHMENT B.3 – INFLOW DESIGN FLOOD CONTROL PLAN

ATTACHMENT C – ANNUAL GROUNDWATER MONITORING AND CORRECTIVE
ACTION REPORT

ATTACHMENT D – MONTHLY SURFACE IMPOUNDMENT WATER ELEVATIONS

ATTACHMENT A
2025 ANNUAL CCR FUGITIVE DUST
CONTROL REPORT

Annual CCR Fugitive Dust Control Report
Powerton Generating Station
13082 East Manito Road, Pekin, Illinois

1.0 Introduction

On April 15, 2021, the Illinois Pollution Control Board adopted a new part of its waste disposal regulations creating state-wide standards for the disposal of coal combustion residuals (CCR) in surface impoundments, created by the generation of electricity by coal-fired power plants (the IL CCR Rule). These requirements include air criteria specified in Title 35 of the Illinois Administrative Code, §845.500, to address the potential pollution caused by windblown dust from CCR units.

The Powerton Generating Station, operated by Midwest Generation, LLC (MWG), is a coal-fired power plant located 13082 East Manito Road, Pekin, Tazewell County, Illinois. The facility is a coal-fired electric power generating station occupying approximately 1,710 acres. Units 5 and 6 began operating in 1972 and 1975, respectively. Electrical power is transmitted from the site to the area grid through overhead transmission power lines. The Rule applies to this facility due to the management of CCR that is generated from the combustion of coal. CCR units associated with the station include the Ash Surge Basin, Bypass Basin, Metal Cleaning Basin, and Former Ash Basin.

According to the IL CCR Rule, owners or operators of CCR units must adopt measures that will effectively minimize CCR from becoming airborne at the facility by developing and operating in accordance with a Fugitive Dust Control Plan (Plan) with adequate dust control measures. In this regard, a Plan was prepared that complies with the requirements as specified in §845.500(b)(1-7) of the IL CCR Rule and placed in the Powerton facility's operating record on October 31, 2021 per §845.800(d)(7). As required, the Plan was also posted to the publicly accessible internet site per §845.810(e).

In addition to the above and per §845.500(c), an Annual Fugitive Dust Control Report (Annual Report) must be completed that includes the following:

- Description of actions taken to control CCR fugitive dust and
- The four quarterly fugitive dust complaint reports submitted under subsection (b)(2)(B)

The Annual Report must be submitted as part of the annual consolidated report required by §845.550. This document represents the 2025 Annual Report for Powerton and will also be appropriately placed in the facility's operating record per §845.800(d)(7) and posted to the publicly accessible internet site per §845.810(e).

Annual CCR Fugitive Dust Control Report
Powerton Generating Station
13082 East Manito Road, Pekin, Illinois

2.0 Actions Taken to Control CCR Fugitive Dust

As detailed in the CCR Fugitive Dust Control Plan (Plan) and reiterated below, the station has established procedures and inspection requirements which are implemented to minimize/eliminate airborne emissions from the potential fugitive dust sources. The results from inspections conducted and associated observations made during CCR handling activities are documented on logs maintained in the station's Environmental Department.

2.1 Bottom Ash and Slag Distribution System

Bottom ash and slag are in a liquid mixture within a closed system until the point of discharge at the dewatering bins. A significant portion of the piping system is contained within a building, which eliminates the potential for dust emissions to the outside environment. Also, the bottom ash and slag have sufficient moisture to preclude this material from becoming airborne. An assessment of the exterior distribution system is performed on a quarterly basis to verify the integrity of the system or when a breach in the system is detected. If a leak is noted, the affected area is restored to original conditions and repair of the pipe will be performed as soon as feasible. The ash is then sent off site to a mine reclamation site.

2.2 Dewatering Bins

The bottom ash and slag are drop loaded from the dewatering bins in a wet state and into trucks positioned beneath the bins. The bottom ash and slag have sufficient moisture to preclude this material from becoming airborne during loading. An assessment of the dewatering bin loading operations is performed on a quarterly basis to verify if there has been an equipment malfunction resulting in an accumulation of released material. Should there be a malfunction in the dewatering equipment, repair of any malfunctioning equipment and clean up and transfer of the material to the concrete storage pit is performed as soon as feasible.

2.3 Ash Surge Basin, Bypass Basin, and Metal Cleaning Basin

During normal operations, the Ash Surge Basin and Bypass Basin contain water thereby suppressing any potential fugitive dust emissions. The Ash Surge Basin has been taken out of service and emptied of most of the stored ash. The Metal Cleaning Basin has recently been emptied and cleaned thereby suppressing any potential fugitive dust emissions. Infrequently, the basins need to be dewatered and the sediment removed for proper off-site disposition. While the bottom ash and slag residue is drying, there is the potential for this material to become airborne especially during excessively dry and windy conditions. Loading of this material under these conditions also has the potential for generating fugitive dust. Dewatered basins are assessed on a quarterly basis or more frequently during excessively dry and windy conditions. To minimize

Annual CCR Fugitive Dust Control Report

Powerton Generating Station

13082 East Manito Road, Pekin, Illinois

fugitive dust emissions from exposed dry bottom ash and slag, the height of the staged material is minimized and the material piles are either sprayed with water or covered. Loading activities are also limited during such occasions. If necessary, haul trucks are covered with tarps once they have been loaded.

2.4 Former Ash Basin

The Former Ash Basin was used for the disposal of bottom ash and slag in the past; however, this procedure is no longer occurring. The previously deposited material is completely submerged within the basin with the typical water level at approximately 10-15 feet below grade, thereby, making the bottom ash and slag not readily susceptible to wind erosion and generation of potential fugitive dust emissions.

2.5 Concrete Storage Area

The concrete storage area contains ash and slag and other ash-related materials generated from routine plant maintenance activities. These materials are in a wet state but are allowed to partially dry to facilitate removal. When sufficiently dry, the material is removed off site. The concrete area is assessed on a quarterly basis or more frequently during excessively dry and windy conditions. To minimize fugitive dust emissions from exposed dry bottom ash and slag and other ash-related materials, the material is kept wet.

2.6 Fly Ash Equipment

Fly ash from the mechanical separators is sent to the silos within an enclosed structure. The fly ash is drop loaded through a telescopic pipe contained within a drop chute into an opening within the tarp covering the truck trailer. This loading mechanism minimizes the potential for fly ash to become airborne during the loading process. The loading of trucks also occurs within a partial enclosure. At the completion of loading but prior to leaving the enclosure, the top, sides and rear of each truck trailer is sprayed with water. During times when temperatures are below freezing, the tarps are broom swept at the truck stand to remove any accumulated fly ash. Accumulated ash is promptly transferred to the concrete storage pad. Occasionally, the fly ash silos are required to be emptied so that fly ash does not harden inside the silo. In order to empty a silo, a vacuum truck is used to pull material out of the silo and into the truck.

This process is covered by the facility's fugitive dust operating program. Under the program, the facility must maintain control measures, including enclosures, covers and dust collection devices. Additionally, the facility is required to conduct weekly inspections of the process to confirm compliance. A record of the inspections is maintained at the facility.

Annual CCR Fugitive Dust Control Report
Powerton Generating Station
13082 East Manito Road, Pekin, Illinois

2.7 Ash Transport Roadways

Truck drivers are instructed on the proper procedure for cleaning trucks and a vehicle speed limit is enforced at the facility. Ash material that may not have been adequately removed from the trucks has the potential to become airborne and ultimately be deposited on haul roads. To minimize fugitive dust emissions, these roads are assessed on a quarterly basis and any observed accumulated ash material is promptly cleaned up and collected for off-site removal.

3.0 Fugitive CCR Dust Assessments

Pursuant to §845.500(b)(3), assessments of the potential fugitive dust emission sources identified in the Powerton facility's CCR Fugitive Dust Control Plan (Plan) are conducted to assess the effectiveness of the Plan. The assessment includes observation of ash removal from ponds, temporary storage and transport activities at the facility to confirm the adequacy of the control measures. The assessments are conducted on a quarterly basis by an individual designated by the contact identified below. Observations made during each assessment are recorded on a form similar to the one included in Appendix B of the Powerton facility's CCR Fugitive Dust Control Plan.

If the results of the assessment determine that ash-related equipment has malfunctioned or the integrity of the equipment has been compromised, the necessary repairs or replacement are performed as soon as feasible. If the assessment finds that the Plan does not effectively minimize the CCR from becoming airborne, the Plan is amended to include additional control measures. No issues were identified during this Annual Report's period of record covering January through December 2025.

Owner Representative/Responsible Person Contact Information:

Mr. Todd Mundorf
Plant Manager
309-477-5212

4.0 Record of Citizen Complaints

Per the Rule, the Annual Report must include copies of the four quarterly fugitive dust complaint reports submitted under §845.500(b)(2)(B). The quarterly fugitive dust complaint reports contain a record of all citizen complaints that were received by the Powerton station with regard to fugitive dust emission incidents. In line with established protocols and within 24 hours of

Annual CCR Fugitive Dust Control Report

Powerton Generating Station

13082 East Manito Road, Pekin, Illinois

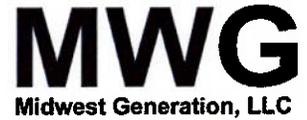
receipt, the station's environmental coordinator enters the citizen complaint into MWG's Environmental Management Information System (EMIS) database. The EMIS database then automatically forwards notice of the complaint to the station manager and MWG's corporate environmental department. Following initial evaluation of the complaint, MWG then conducts a thorough investigation to confirm the reported incident/conditions and implement corrective actions as may be warranted.

No complaints regarding CCR fugitive dust emissions at the facility were registered during this Annual Report's period of record covering January through December 2025. On September 30, 2025 and October 1, 2025, Powerton Station was notified that small amounts of CCR were observed on a public roadway approximately 0.5 miles from the Station. The material was immediately cleaned up via street sweeping and vacuuming, and the trucking company was reminded of the importance of following all operating procedures.

5.0 Summary of Corrective Actions Taken

For the January through December 2025 period of record and based on continued monitoring and inspections as outlined in Section 2.0 and 3.0 and as required under the CCR rules, the currently established control measures remain effective in minimizing potential fugitive dust emissions. Moreover, this assertion is further validated by the lack of citizen complaints logged over this same period. Accordingly, no corrective actions were required during the past year.

QUARTERLY FUGITIVE DUST
COMPLAINT REPORTS



Powerton Generating Station
13082 E. Manito Road
Pekin, Illinois 61554

April 10, 2025

Illinois Environmental Protection Agency
Compliance Assurance Section
Bureau of Water
2520 W Iles Ave
Springfield, IL 62704

**Re: Midwest Generation, LLC – Powerton Generating Station
Account No. W1798010008
Pond IDs: W1798010008-01, W1798010008-03, W1798010008-04, W1798010008-05
CCR Operating Permit 2024-CO-100029
CCR Surface Impoundment Quarterly Fugitive Dust Complaint Report**

Dear Sir or Madam:

In accordance with the requirements of Title 35 of the Illinois Administrative Code ("35 IAC") Section 845.500(b)(2)(B), this letter serves as the fugitive dust complaint report for First Quarter 2025 at Powerton Generating Station. There were no complaints received from members of the public during the period January 1, 2025 through March 31, 2025.

If you have any questions or require additional information regarding this submittal, please contact Jill Buckley at Jill.Buckley@nrg.com.

Sincerely,

A handwritten signature in blue ink, appearing to read "Todd Mundorf". The signature is stylized and cursive.

Todd Mundorf
Plant Manager
Powerton Generating Station

MWVG

Midwest Generation, LLC

Midwest Generation, LLC
Powerton Generating Station
13082 E. Manito Road
Pekin, Illinois 61554

July 3, 2025

Illinois Environmental Protection Agency
Compliance Assurance Section
Bureau of Water
2520 W Iles Avenue
Springfield, IL 62704

**Re: Midwest Generation, LLC – Powerton Generating Station
Permit No. 2024-CO-100029
Account No. W1798010008
Pond IDs: W1798010008-01, W1798010008-03, W1798010008-04, W1798010008-05
CCR Surface Impoundment Quarterly Fugitive Dust Complaint Report**

Dear Sir or Madam:

In accordance with the requirements of Title 35 of the Illinois Administrative Code (“35 IAC”) Section 845.500(b)(2)(B), this letter serves as the fugitive dust complaint report for Second Quarter 2025 at Powerton Generating Station. There were no complaints received from members of the public during the period April 1, 2025 through June 30, 2025.

If you have any questions or require additional information regarding this submittal, please contact Jill Buckley at Jill.Buckley@nrg.com.

Sincerely,



Todd Mundorf
Plant Manager, Powerton Generating Station



Midwest Generation, LLC
Powerton Generating Station
13082 E. Manito Road
Pekin, Illinois 61554

October 8, 2025

Illinois Environmental Protection Agency
Compliance Assurance Section
Bureau of Water
2520 W Iles Ave
Springfield, IL 62704

Re: Midwest Generation, LLC – Powerton Generating Station
Account No. BOW-W1798010008 / BOL-1798010002
BOW Pond IDs: W1798010008-01, W1798010008-03, W1798010008-04, W1798010008-05
BOL Log Nos.: 2021-507, 2021-508, 2021-509, 2021-510
CCR Surface Impoundment Quarterly Fugitive Dust Complaint Report

Dear Sir or Madam:

In accordance with the requirements of Title 35 of the Illinois Administrative Code (“35 IAC”) Section 845.500(b)(2)(B), this letter serves as the fugitive dust complaint report for Third Quarter 2025 at Powerton Generating Station. There were no complaints received from members of the public during the period July 1, 2025 through September 30, 2025 for fugitive dust events at the facility.

On September 30, 2025, a truck driver notified Powerton Station that a small amount of CCR was released from his truck onto a public roadway approximately 0.5 miles from the Station. The material was immediately cleaned up via street sweeping and vacuuming, and the trucking company was reminded of the importance of following all operating procedures. Though included here, this event is not subject to the logging or reporting requirements of 35 IAC 845.500(b)(2).

Please note this report corresponds with Bureau of Land Site ID 1798010002, Log Nos. 2021-507, 2021-508, 2021-509, and 2021-510. If you have any questions or require additional information regarding this submittal, please contact Jill Buckley at Jill.Buckley@nrg.com.

Sincerely,

Todd Mundorf
Plant Manager, Powerton Generating Station

Cc: Illinois EPA, Bureau of Land, #33



Midwest Generation, LLC
Powerton Generating Station
13082 E. Manito Road
Pekin, Illinois 61554

January 8, 2026

Illinois Environmental Protection Agency
Compliance Assurance Section
Bureau of Water
2520 W Iles Ave
Springfield, IL 62704

**Re: Midwest Generation, LLC – Powerton Generating Station
Account No. BOW-W1798010008 / BOL-1798010002
BOW Pond IDs: W1798010008-01, W1798010008-03, W1798010008-04, W1798010008-05
BOL Log Nos.: 2021-507, 2021-508, 2021-509, 2021-510
CCR Surface Impoundment Quarterly Fugitive Dust Complaint Report**

Dear Sir or Madam:

In accordance with the requirements of Title 35 of the Illinois Administrative Code (“35 IAC”) Section 845.500(b)(2)(B), this letter serves as the fugitive dust complaint report for Third Quarter 2025 at Powerton Generating Station. There were no complaints received from members of the public during the period October 1, 2025 through December 31, 2025 for fugitive dust events at the facility.

On October 1, 2025, a truck driver notified Powerton Station that a small amount of CCR was released from his truck onto a public roadway approximately 0.5 miles from the Station. The material was immediately cleaned up via street sweeping and vacuuming, and the trucking company was reminded of the importance of following all operating procedures. Though included here, this event is not subject to the logging or reporting requirements of 35 IAC 845.500(b)(2).

Please note this report corresponds with Bureau of Land Site ID 1798010002, Log Nos. 2021-507, 2021-508, 2021-509, and 2021-510. If you have any questions or require additional information regarding this submittal, please contact Jill Buckley at Jill.Buckley@nrg.com.

Sincerely,

Todd Mundorf
Plant Manager, Powerton Generating Station

Cc: Illinois EPA, Bureau of Land, #33

ATTACHMENT B
2025 ANNUAL INSPECTION REPORT

**ANNUAL INSPECTION REPORT
ASH SURGE BASIN AND ASH BYPASS BASIN
POWERTON STATION
OCTOBER 2025**

This annual inspection report has been prepared pursuant to both Title 35 of the Illinois Administrative Code (35 IAC) Part 845, Subpart E, Section 845.540(b) and Title 40 of the Code of Federal Regulations (40 CFR) Section 257.83(b) for the Ash Surge Basin (ASB) and Ash Bypass Basin (ABB) at Powerton Station (Station) in Pekin, Illinois. The purpose of this project is to perform the annual inspection of the ASB and ABB by a licensed professional engineer to ensure that the design, construction, operation, and maintenance of the coal combustion residuals (CCR) unit is consistent with recognized and generally accepted good engineering standards. Civil & Environmental Consultants, Inc. (CEC) completed the following scope of services in preparing this annual inspection report:

- CEC reviewed the weekly and monthly inspection reports completed by qualified station personnel and the previous annual inspection report.
- CEC performed the annual inspection in accordance with the requirements of 35 IAC Section 845.540 and 40 CFR Section 257.83(b) including observations pertaining to the following:
 - Changes in Geometry: Observations of changes in the geometry of the ASB and ABB since the previous annual inspection.
 - Instrumentation: Inspection of the location and type of existing instrumentation and documentation of the maximum recorded readings of each instrument since the previous annual inspection from records provided by the Station.
 - Capacity and Impounded Volume: Inspection observations for the approximate minimum, maximum, and present depth and elevation of the impounded water and CCR; storage capacity of the impounding structure at the time of the inspection; and the approximate volume of the impounded water and CCR at the time of the inspection.
 - Structural/Operational Observations: Inspection for actual or potential structural weakness of the CCR surface impoundment, in addition to any existing conditions that are disrupting or have the potential to disrupt the operation and safety of the CCR surface impoundment and appurtenant structures.

- Other Changes: Inspection including change(s) which may have affected the stability or operation of the impounding structure since the previous annual inspection.

At the time of this report, the ASB is an inactive CCR surface impoundment. Since the 2024 inspection, the ABB is active after a permitted retrofit. The basins are approximately 7.5 acres and 1 acre in size, respectively. On September 30, 2025, CEC inspected both the ASB and ABB and our observations showed no signs of distress that would suggest the stability or operation of the impounding structure is compromised.

1.0 CHANGES IN GEOMETRY

At the time of inspection, the ASB geometry was observed to be unchanged since the October 2024 inspection. The ABB has undergone a permitted retrofit in which the final geometry was the same with minor modifications to the surface grades on the basin floor and side slopes.

2.0 INSTRUMENTATION

Instrumentation associated with ASB and ABB include water level gauges in each basin and a water level monitoring device in the outlet structure for the ASB.

Our interview of Station personnel and review of weekly and monthly inspection reports indicates that the water level monitor is operating properly. The monthly inspections report the pumps, polymer system, and free board measuring device in the ASB are in good condition. Instrumentation associated with the other hydraulic structures, impoundment embankments, and/or slope performance were not observed.

3.0 CAPACITY AND IMPOUNDED VOLUME

Capacity and impounded volume of the ASB and ABB and estimated depth of impounded water and CCR are represented in Table 1 and 2, attached. Volumes and depths were determined through direction by station personnel and by reviewing inspection reports and construction drawings.

4.0 STRUCTURAL/OPERATIONAL OBSERVATIONS

Both the ASB and ABB were inspected for signs of distress that would have the potential to disrupt operation and safety of each basin. Prior to performing the inspection, the previous annual inspection reports were reviewed, which did not identify conditions that indicate an actual or potential structural weakness. Weekly and monthly inspection reports were also reviewed and did not indicate an actual or potential structural weakness.

5.0 OTHER CHANGES

Both the ASB and ABB were inspected for signs of other changes or distress that would have the potential to disrupt operation and safety of each basin. Our inspection showed no distress that would affect the operation and/or stability of the ASB and ABB.

6.0 LIMITATIONS AND CERTIFICATION

This CCR annual inspection report was prepared to meet the requirements of 35 IAC Section 845.540(b) and 40 CFR Section 257.83(b) and was prepared under the direction of Mr. M. Dean Jones, P.E.

By affixing my seal to this, I do hereby certify to the best of my knowledge, information, and belief that the information contained in this report is true and correct. I further certify I am licensed to practice in the State of Illinois and that it is within my professional expertise to verify the correctness of the information. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

Seal:



Signature: _____

Name: M. Dean Jones, P.E.

Date of Certification: October 8, 2025

Illinois Professional Engineer No.: 062-051317

Expiration Date: November 30, 2025

Table 1: 2025 Inspection Summary - Ash Surge Basin

Category	Regulation Reference	Evaluation	Recommended Action
Change in Geometry	§845.450(b)(2)(A) §257.83(b)(2)(i)	None	None
Instrumentation	§845.450(b)(2)(B) §257.83(b)(2)(ii)	None	None
Water Depth	§845.450(b)(2)(C) §257.83(b)(2)(iii)	0.0 feet, minimum 0.0 feet, at inspection 2.8 feet, maximum	None
CCR Depth	§845.450(b)(2)(C) §257.83(b)(2)(iii)	De minimis	None
Estimated Storage Capacity	§845.450(b)(2)(D) §257.83(b)(2)(iv)	85 acre-feet	None
Impounded Water Volume	§845.450(b)(2)(E) §257.83(b)(2)(v)	0 acre-foot	None
Impounded CCR Volume	§845.450(b)(2)(E) §257.83(b)(2)(v)	<1 acre-foot	None
Structural/Operational Observations	§845.450(b)(2)(F) §257.83(b)(2)(vi)	None	None
Other Changes	§845.450(b)(2)(G) §257.83(b)(2)(vii)	None	None

Table 2: 2024 Inspection Summary - Ash Bypass Basin

Category	Regulation Reference	Evaluation	Recommended Action
Change in Geometry	§845.450(b)(2)(A) §257.83(b)(2)(i)	None	None
Instrumentation	§845.450(b)(2)(B) §257.83(b)(2)(ii)	Depth Gauge	None
Water Depth	§845.450(b)(2)(C) §257.83(b)(2)(iii)	0.0 feet, minimum 4.3 feet, at inspection 4.3 feet, maximum	None
CCR Depth	§845.450(b)(2)(C) §257.83(b)(2)(iii)	De minimis	None
Estimated Storage Capacity	§845.450(b)(2)(D) §257.83(b)(2)(iv)	1.5 acre-feet	None
Impounded Water Volume	§845.450(b)(2)(E) §257.83(b)(2)(v)	1.25 acre-feet	None
Impounded CCR Volume	§845.450(b)(2)(E) §257.83(b)(2)(v)	< 0.25 acre-foot	None
Structural/Operational Observations	§845.450(b)(2)(F) §257.83(b)(2)(vi)	None	None
Other Changes	§845.450(b)(2)(G) §257.83(b)(2)(vii)	None	None

**ANNUAL INSPECTION REPORT
POWERTON STATION - FORMER ASH BASIN
JULY 2025**

This annual inspection report has been prepared pursuant to both Section 845.540(b) of the Illinois Pollution Control Board's Standards for the Disposal of Coal Combustion Residuals in CCR Surface Impoundments (Illinois CCR Rule) and Part 257.83(b) of the United States Environmental Protection Agency's Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments (Federal CCR Rule) for Midwest Generation, LLC (MWG) at Powerton Station (Station) in Pekin, Illinois. The purpose of this project is to perform the annual inspection of the Former Ash Basin (FAB) by a licensed professional engineer to ensure that the design, construction, operation, and maintenance of the coal combustion residuals (CCR) surface impoundment is consistent with recognized and generally accepted good engineering standards. The inspection includes:

- (1) 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, previous structural stability assessments, the results of inspections by a qualified person, and results of previous annual inspections);
- (2) Visual inspection of the CCR surface impoundment to identify signs of distress or malfunction of the CCR surface impoundment and appurtenant structures;
- (3) 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; and
- (4) Review of annual hazard potential classification certification, annual structural stability assessment certification, annual safety factor assessment certification, and inflow design flood control system plan certification.

Civil & Environmental Consultants, Inc. (CEC) completed the following scope of services in preparing this annual inspection report:

- Reviewed weekly and monthly inspection reports by a qualified person employed by MWG, and the previous annual inspection report.
- Performed the annual inspection in accordance with the requirements of Section 845.540(b) and Part 257.83(b) including observations pertaining to the following:
 - Observations of changes in the FAB geometry since the previous annual inspection were documented;

- Location and type of existing instrumentation was inspected and the maximum recorded readings of each instrument since the previous annual inspection were documented from the records provided by MWG;
- Approximate minimum, maximum, and present depth and elevation of the impounded water and CCR since the previous annual inspection;
- Storage capacity of the impounding structure at the time of the inspection;
- Approximate volume of the impounded water and CCR at the time of the inspection;
- Any appearances of an actual or potential structural weakness of the CCR surface impoundment, in addition to any existing conditions that are disrupting or have the potential to disrupt the operation and safety of the CCR surface impoundment and appurtenant structures; and
- Any other changes that may have affected the stability or operation of the impounding structure since the previous annual inspection.

The FAB is an inactive surface impoundment that is scheduled for closure. Approximately 30 acres in size, the FAB does not receive bottom ash or ash slag. The FAB is sectioned into a North Pond and South Pond and the geometry has remained unchanged since the previous inspection. On July 2, 2025, CEC inspected the North and South FAB. Our observations showed no signs of distress that would suggest the stability or operation of the impounding structure is compromised.

1.0 CHANGES IN GEOMETRY

At the time of inspection, the FAB geometry was observed to be unchanged since the July 2024 inspection.

2.0 INSTRUMENTATION

Instrumentation associated with the hydraulic structures, impoundment embankments, and/or slope performance do not exist.

3.0 CAPACITY AND IMPOUNDED VOLUME

Capacity and impounded volume of the FAB and estimated depth of impounded water and CCR are represented in Table 1, attached. The volume of CCR remains unchanged from the previous investigations. FAB water volume fluctuates with the groundwater table and the surface water elevation of the nearby Illinois River. Volumes and depths were determined by reviewing inspection reports and construction drawings.

4.0 STRUCTURAL/OPERATIONAL OBSERVATIONS

CEC inspected the FAB for signs of distress that would have the potential to disrupt operation and safety. Both the North and South Ponds are partially incised minimizing the potential of a release of CCR. CCR is primarily located within the incised area of both ponds. Our observations showed no signs of distress that would suggest the stability or operation of the impounding structure is compromised.

Items noted during the inspection included minor erosion, animal borrows, and vegetation, again, none of which suggest the safety, stability, or operation of the impounding structure is compromised. Review of weekly inspection records show the Station has maintained the berm and access road by removing fallen trees, filling potholes and erosion areas. Based on the extent of these findings, there are no corrective actions or remedy required.

5.0 OTHER CHANGES

CEC inspected the basin for signs of other changes or distress that would have the potential to disrupt operation and safety of the basin. Our inspection showed no distresses that would affect the operation and/or stability of the FAB.

6.0 LIMITATIONS AND CERTIFICATION

This annual inspection report was prepared to meet the requirements of both Section 845.540(b) and Part 257.83(b) and was prepared under the direction of Mr. M. Dean Jones, P.E.

By affixing my seal to this, I do hereby certify to the best of my knowledge, information, and belief that the information contained in this report is true and correct. I further certify I am licensed to practice in the State of Illinois and that it is within my professional expertise to verify the correctness of the information. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

Seal:



Signature: Dean Jones

Name: M. Dean Jones, P.E.

Date of Certification: July 10, 2025

Illinois Professional Engineer No.: 062-051317

Expiration Date: November 30, 2025

Table 1: Inspection Summary - Former Ash Basin

Category	Regulation Reference	Evaluation	Recommended Action
Change in Geometry	845.450(b)(2)(A) 257.83(b)(2)(i)	None	None
Instrumentation	845.450(b)(2)(B) 257.83(b)(2)(ii)	None	None
Water Depth	845.450(b)(2)(C) 257.83(b)(2)(iii)	Below gauge, minimum 0.0 feet, at inspection 2.8 feet, maximum	None
CCR Depth	845.450(b)(2)(C) 257.83(b)(2)(iii)	10 feet	None
Estimated Storage Capacity	845.450(b)(2)(D) 257.83(b)(2)(iv)	500,000 cubic yards	None
Impounded Water Volume	845.450(b)(2)(E) 257.83(b)(2)(v)	10 acre-feet	None
Impounded CCR Volume	845.450(b)(2)(E) 257.83(b)(2)(v)	310 acre-feet	None
Structural / Operational Observations	845.450(b)(2)(F) 257.83(b)(2)(vi)	Minor erosion and vegetative cover	Continue to monitor
Other Changes	845.450(b)(2)(G) 257.83(b)(2)(vii)	None	None

**ANNUAL COAL COMBUSTION RESIDUALS SURFACE IMPOUNDMENT
INSPECTION REPORT
POWERTON STATION - METAL CLEANING BASIN
JUNE 2025**

This annual coal combustion residuals (CCR) surface impoundment inspection report has been prepared pursuant to Section 845.540(b) of Title 35 Subtitle G, Chapter I, Subchapter j - Coal Combustion Waste Surface Impoundments for Midwest Generation, LLC at Powerton Station in Pekin, Illinois. The purpose of this project is to perform the annual inspection of the Metal Cleaning Basin (MCB) by a licensed professional engineer to ensure that the design, construction, operation, and maintenance of the CCR unit is consistent with recognized and generally accepted good engineering standards. The inspection includes:

- 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) Visual inspection of the CCR surface impoundment to identify signs of distress or malfunction of the CCR surface impoundment and appurtenant structures;
- C) 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, (Section 845.440);
- E) The annual structural stability assessment certification, (Section 845.450);
- F) The annual safety factor assessment certification, (Section 845.460); and
- G) The inflow design flood control system plan certification (Section 845.510(c)).

1.0 SITE DESCRIPTION

The MCB (IEPA ID Number W1798010008-03) is located at Powerton Station in Pekin, Illinois situated northeast of the main power building, south of the Wastewater Building and between the Ash Surge Basin and former Cooling Water Intake Canal. Measuring 450 feet long and 225 feet wide, approximately 2.3 acres in size, the MCB is lined with a 60-mil high-density polyethylene (HDPE) liner. Gravel access roads are located along the north, east, and west sides.

The MCB was constructed in the late 1970s or early 1980s and has not undergone significant changes in the geometry. The original operation was designed to receive bottom ash and, twice a

year, boiler wash via sluicing with wastewater treated in the wastewater treatment plant. Operation of the MCB has changed to also receive bottom ash and fly ash from street sweeping and silo maintenance by end dumping. Wastewater is periodically pumped from the MCB, treated to remove elevated metal concentrations, and total suspended solids and discharged into the Ash Bypass Basin. The MCB is inspected weekly by a qualified person, including checking the water level in the basin.

2.0 ANNUAL INSPECTION

The MCB was inspected on May 27, 2025, and included the following tasks.

- Review of weekly and monthly inspection reports completed by a qualified person, annual hazard potential classification certification, annual structural stability assessment certification, annual safety factor assessment certification, inflow design flood control system plan certification, and previous inspection reports prepared by a qualified professional engineer.
- Performed the annual inspection in accordance with the requirements of Section 845.540(b) including observations pertaining to the following:

Changes in Geometry - 845.540(b)(2)(A): changes in geometry of the impounding structure since the previous annual inspection;

Instrumentation - 845.540(b)(2)(B): location and type of existing instrumentation and the maximum recorded readings of each instrument since the previous annual inspection;

Capacity and Impounded Volume - 845.540(b)(2)(C): approximate minimum, maximum, and present depth and elevation of the impounded water and CCR since the previous annual inspection;

Storage Capacity - 845.540(b)(2)(D): storage capacity of the impounding structure at the time of the inspection;

Volume of the Impounded Water and CCR - 845.540(b)(2)(E): estimate the approximate volume of the impounded water and CCR at the time of the inspection.

Structural/Operational Observations - 845.540(b)(2)(F): appearances of an actual or potential structural weakness of the CCR surface impoundment, in addition to any existing conditions that are disrupting or have the potential to disrupt the operation and safety of the CCR surface impoundment and appurtenant structures; and

Other Changes 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.

Results of the 2025 surface impoundment inspection are provided in the following sections.

2.1 Changes in Geometry - 845.540(b)(2)(A)

MCB geometry was observed to be unchanged from previous inspections.

2.2 Instrumentation - 845.540(b)(2)(B)

Instrumentation associated with the hydraulic structures, impoundment embankments, and/or slope performance were not observed.

2.3 Capacity and Impounded Volume - 845.540(b)(2)(C-E)

The approximate minimum, maximum, and present depth and elevation of the impounded water and CCR since the previous annual inspection are represented in Table 1, attached.

2.4 Structural/Operational Observations - 845.540(B)(2)(F)

CEC inspected the basin for signs of distress that would have the potential to disrupt operation and safety of the MCB. Our observations identified no signs of distress which currently suggest the safety, stability, and operation of the impounding structure is compromised.

2.5 Other Changes - 845.540(B)(2)(G)

CEC inspected the MCB for signs of other changes that may have affected the stability or operation of the impounding structure since the previous annual inspection. Our inspection showed no distresses that would affect the operation and/or stability.

3.0 CONCLUSIONS

Our assessments and inspection of the MCB showed no signs of distress that would suggest the stability or operation of the impounding structure is compromised.

4.0 LIMITATIONS AND CERTIFICATION

This CCR surface impoundment inspection was prepared to meet the requirements of Section 845.540(b) and was prepared under the direction of Mr. M. Dean Jones, P.E.

By affixing my seal to this, I do hereby certify to the best of my knowledge, information, and belief that the information contained in this report is true and correct. I further certify I am licensed to practice in the State of Illinois and that it is within my professional expertise to verify the correctness of the information. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

Seal:



Signature: Dean Jones

Name: M. Dean Jones, P.E.

Date of Certification: June 20, 2025

Illinois Professional Engineer No.: 062-051317

Expiration Date: November 30, 2025

Enclosure: Table 1 - Inspection Summary - Metal Cleaning Basin

Table 1: Inspection Summary - Metal Cleaning Basin

Category	Regulation Reference	Evaluation	Recommended Action
Change in Geometry	845.540(b)(2)	None	None
Instrumentation	845.540(b)(2)	Water Level Guage - OK	None
Water Depth	845.540(b)(2)	0.0 feet, minimum 0.0 feet, at inspection 9.0 feet, maximum	None
CCR Depth	845.540(b)(2)	Less than 1 foot	None
Estimated Storage Capacity	845.540(b)(2)	17 Acre Feet	None
Impounded Water Volume	845.540(b)(2)	0.0 Acre Feet	None
Impounded CCR Volume	845.540(b)(2)	Less Than 1.0 Acre Foot	None
Structural/Operational Observations	845.540(b)(2)	None	None
Other Changes	845.540(b)(2)	None	None

ATTACHMENT B.1
2025 ANNUAL HAZARD POTENTIAL
CLASSIFICATION CERTIFICATION

contingent upon the basins' structural stability. Indeed, the 2025 annual safety factor assessment conducted pursuant to 35 Ill. Adm. Code 845.460 (Ref. 6) shows that the Ash Surge and Bypass Basins are structurally stable under design operating conditions. Moreover, no visual signs of distress that could be indicative of dike instability were observed during S&L's September 23, 2025, condition assessment performed in support of the basins' 2025 annual structural stability assessment under 35 Ill. Adm. Code 845.450 (Ref. 5). Finally, as noted in both assessments, MWG is closing the Former Ash Basin given the lack of necessary information available to perform these assessments due to the construction age of the basin.

7.0 CERTIFICATION

I certify that:

- This hazard potential classification assessment was prepared by me or under my direct supervision.
- The work was conducted in accordance with the requirements of 35 Ill. Adm. Code 845.440.
- I am a registered professional engineer under the laws of the State of Illinois.

Certified By: Thomas Dehlin

Date: October 13, 2025

Seal:



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Thomas Dehlin
Date: 2025.10.13
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3.0 HAZARD POTENTIAL CLASSIFICATION ASSESSMENT

Based on our assessment of the MCB and surrounding site features, the MCB remains classified as a Class 2 CCR surface impoundment. Potential downstream inundation areas that could be impacted by a failure or mis-operation the MCB have no buildings and are only occasionally accessed for mowing and inspection purposes that result in no probable loss of human life. Potential economic loss, environmental damage, disruption of lifeline facilities, and impact other concerns are allowed under this classification.

4.0 LIMITATIONS AND CERTIFICATION

This Annual Hazard Potential Classification Assessment Report has been prepared pursuant to the CCR rule codified in Title 35 of the Illinois Administrative Code Section 845.440(a) and was prepared under the direction of Mr. M. Dean Jones, P.E.

By affixing my seal to this, I do hereby certify to the best of my knowledge, information, and belief that the information contained in this report is true and correct. I further certify I am licensed to practice in the State of Illinois and that it is within my professional expertise to verify the correctness of the information. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

Seal:



Signature: Dean Jones

Name: M. Dean Jones, P.E.

Date of Certification: June 20, 2025

Illinois Professional Engineer No.: 062-051317

Expiration Date: November 30, 2025

ATTACHMENT B.2
2025 ANNUAL STRUCTURAL STABILITY
and SAFETY FACTOR ASSESSMENT
CERTIFICATIONS

4.2 FORMER ASH BASIN

Given the lack of necessary information due to the construction age of the Former Ash Basin, a full structural stability assessment meeting the requirements of 35 Ill. Adm. Code 845.450(a) could not be performed. Consequently, it is recommended that the Station continue with its plans to close the Former Ash Basin in accordance with the closure criteria promulgated by the Illinois CCR Rule. Notably, MWG submitted a construction permit application to the Illinois EPA on October 26, 2022, to close the Former Ash Basin and plans to close the basin upon receipt of the closure construction permit.

5.0 CERTIFICATION

I certify that:

- This structural stability assessment was prepared by me or under my direct supervision.
- The work was conducted in accordance with the requirements of 35 Ill. Adm. Code 845.450.
- I am a registered professional engineer under the laws of the State of Illinois.

Certified By: Thomas J. Dehlin

Date: October 13, 2025

Seal:



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Thomas Dehlin
Date: 2025.10.13
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6.2 FORMER ASH BASIN

The initial federal safety factor assessment completed for the Former Ash Basin in 2018 (Ref. 4) concluded that an engineering analysis to calculate the safety factors for the basin could not be performed given the lack of necessary information due to the construction age of the Former Ash Basin. Since the minimum safety factors of the Former Ash Basin could not be demonstrated, MWG is closing the Former Ash Basin in accordance with Subpart G of the Illinois CCR Rule and 40 CFR 257.102. MWG plans to close the Former Ash Basin upon receipt of a closure construction permit from the Illinois EPA in accordance with Subpart B of the Illinois CCR Rule. A construction permit application for the closure work was submitted to the Illinois EPA on October 26, 2022.

7.0 CERTIFICATION

I certify that:

- This safety factor assessment was prepared by me or under my direct supervision.
- The work was conducted in accordance with the requirements of 35 Ill. Adm. Code 845.460.
- I am a registered professional engineer under the laws of the State of Illinois.

Certified By: Thomas J. Dehlin

Date: October 13, 2025

Seal:



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Thomas Dehlin
Date: 2025.10.13
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3.2.1 Slope Stability Methodology

The assessment included a review of the initial safety factor assessment. The purpose of reviewing the initial 2021 assessment was to confirm the methodology, assumptions and inputs used to complete the safety factor assessment remain relevant. The methodology used for the slope stability analysis reported in the initial safety factor assessment is consistent with Section 845.460 and, considering results of the 2025 CCR surface impoundment inspection showed no modification to either the configuration or condition of the MCB, nor were structural deficiencies observed, the assumptions and inputs used to complete each of the slope stability cases analyzed remain relevant.

3.2.2 Conclusion - 2025 Safety Factor Assessment

The initial safety factor assessment and annual inspections were reviewed and confirm the factors of safety for the 2025 safety factor assessment are valid. We have concluded that the initial safety factor assessment from June 2021 is valid and that the calculated factors of safety for the MCB achieve the minimum safety factors specified for the critical cross section of the embankment.

4.0 LIMITATIONS AND CERTIFICATION

The annual structural stability and factor of safety assessment was prepared to meet the requirements of Parts 845.450 and 845.460 of Title 35 Subtitle G, Chapter I, Subchapter j - Coal Combustion Waste Surface Impoundments, and was prepared under the direction of Mr. M. Dean Jones, P.E.

By affixing my seal to this, I do hereby certify to the best of my knowledge, information, and belief that the information contained in this report is true and correct. I further certify I am licensed to practice in the State of Illinois and that it is within my professional expertise to verify the correctness of the information. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

Seal:



Signature: Dean Jones

Name: M. Dean Jones, P.E.

Date of Certification: June 20, 2025

Illinois Professional Engineer No.: 062-051317

Expiration Date: November 30, 2025

ATTACHMENT B.3
2025 ANNUAL INFLOW DESIGN FLOOD
CONTROL SYSTEM PLAN
CERTIFICATION

6.0 CONCLUSIONS

Based on the results in Table 5-1, the Ash Surge Basin, Bypass Basin, and Former Ash Basin have adequate hydraulic capacities to retain the 1,000-year flood event without water overtopping the basins' dikes. In addition, the Ash Surge Basin has adequate hydraulic capacity to retain the 1,000-year flood event without water overflowing into its emergency spillway structure. Therefore, the Ash Surge Basin, Bypass Basin, and Former Ash Basin are able to collect and control the inflow design flood event specified in 35 Ill. Adm. Code 845.510(a)(3).

7.0 CERTIFICATION

I certify that:

- This inflow design flood control system plan was prepared by me or under my direct supervision.
- The work was conducted in accordance with the requirements of 35 Ill. Adm. Code 845.510.
- I am a registered professional engineer under the laws of the State of Illinois.

Certified By: Thomas Dehlin

Date: October 13, 2025

Seal:



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Thomas Dehlin
Date: 2025.10.13
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Table 5-1 – Summary of Hydrologic & Hydraulic Assessment Results for the Metal Cleaning Basin

CCR Surface Impoundment	Illinois Hazard Potential Classification	Inflow Design Flood	Maximum Surface Water Elevation	Basin Crest Elevation
Metal Cleaning Basin	Class 2	1,000 Year	463.15 feet	467.00 feet

6.0 CONCLUSIONS

Based on the results in Table 5-1, the Metal Cleaning Basin has adequate hydraulic capacity to retain the 1,000-year flood event without water overtopping the basin's dikes. Therefore, the Metal Cleaning Basin is able to collect and control the inflow design flood event specified in 35 Ill. Adm. Code 845.510(a)(3).

7.0 CERTIFICATION

I certify that:

- This inflow design flood control system plan was prepared by me or under my direct supervision.
- The work was conducted in accordance with the requirements of 35 Ill. Adm. Code 845.510.
- I am a registered professional engineer under the laws of the State of Illinois.

Certified By: Thomas Dehlin

Date: October 13, 2025

Seal:



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Thomas Dehlin
Date: 2025.10.13
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ATTACHMENT C
2025 ANNUAL GROUNDWATER
MONITORING AND CORRECTIVE ACTION
REPORT



ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

**ILLINOIS CCR COMPLIANCE
POWERTON ASH BASINS
ANNUAL GROUNDWATER MONITORING and
CORRECTIVE ACTION REPORT – 2025**

**Midwest Generation, LLC
Powerton Station
13082 E. Manito Road
Pekin, Illinois 61554**

Prepared By: **KPRG and Associates, Inc.
14665 West Lisbon Road, Suite 1A
Brookfield, WI 53005**

January 31, 2026

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ATTACHMENT

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1.0 INTRODUCTION and OVERVIEW

Groundwater monitoring requirements in accordance with the Ill. Adm. Code Title 35, Part 845: Standards for the Disposal of Coal Combustion Residuals in Surface Impoundments dated April 15, 2021 (State CCR Rule), along with subsequent amendments and the issued facility CCR Operating Permit 2024-CO-100029, have been completed for the ash pond monitoring wells located at the Midwest Generation, LLC (Midwest Generation) Powerton Generating Station. The noted Operating Permit was issued on July 3, 2024 and covers the operating and groundwater monitoring requirements for all four CCR Surface Impoundments. Specifically, these are:

- Ash Surge Basin (ASB) – Pond ID W1798010008-01 / BOL Log No. 2021-507
- Metal Cleaning Basin (MCB) – Pond ID W1798010008-03 / BOL Log No. 2021-510
- Ash By-pass Basin (ABB) – Pond ID W1798010008-04 / BOL Log No. 2021-508
- Former Ash Basin (FAB) – Pond ID W1798010008-05 / BOL Log No. 2021-509

In accordance with Special Condition #12, a new background well, MW-16, has been identified for the subsequent development of new statistical background values to be calculated in accordance with the procedures defined in Revised Attachment 9-5, Illinois State CCR Rule Compliance – Revised Statistical Approach for Groundwater Data Evaluation dated September 23, 2024. This revision was submitted to Illinois Environmental Protection Agency (IEPA) in fulfillment of requirements under Special Condition #16 of the Operating Permit. A minimum of eight rounds of background sampling will be completed at this well location in accordance with Special Condition #17(c) and the statistical calculations will be submitted to IEPA within 640 days of the effective date of the permit in accordance with Special Condition #18 of the Operating Permit.

In accordance with Special Condition #13, the following downgradient groundwater monitoring wells are being sampled:

- Silty Clay/Silt Unit – MW-06, MW-14, MW-22 and MW-18A.
- Sand and Gravel Unit – MW-01, MW-02, MW-03, MW-04, MW-05, MW-07, MW-10 and MW-21D.

It is noted that upgradient well MW-16 has been identified by IEPA in the Operating Permit to represent background water quality for both the Silty Clay/Silt Unit and the Sand and Gravel Unit. The locations of these wells are included on Figure 1.

All CCR groundwater monitoring data available to date for these wells, which in some cases includes data from previous groundwater monitoring under the Federal CCR Rule, are provided in Tables 1 and 2 for the Silty Clay/Silt Unit and the Sand and Gravel Unit, respectively. The tables include the Groundwater Protection Standards (GWPSs) established for these parameters under Special Conditions #21 and #22 of the Operating Permit. It is noted that these GWPSs may be changed based on the results of new background well sampling (MW-16) as discussed above, and as allowed for in Special Conditions #21 and #22.

This overview of the 2025 groundwater monitoring period relative to the wells identified in the Operating Permit as previously specified above, is provided in accordance with Section 845.610(e)(4). Each required item is discussed separately below.

- Section 845.610(e)(4)(A and B) – As discussed above, the Operating Permit has identified a new background monitoring well, MW-16, to be sampled for the purposes of establishing statistical background in accordance with the Revised Attachment 9-5, Illinois State CCR Rule Compliance – Revised Statistical Approach for Groundwater Data Evaluation dated September 23, 2024. Because this well was not sampled in the past for CCR monitoring purposes, there is insufficient data available to establish the statistical background. Therefore, identifying whether there has been a statistically significant increase (SSI) in any parameter in downgradient monitoring wells over the established background cannot be completed at this time. Once a minimum of eight rounds of data from this well are collected, the appropriate statistical evaluations will be completed and submitted to IEPA in accordance with Special Condition #18.
- Section 845.610(e)(4)(C and D) – Initial GWPSs have been established by the Operating Permit under Special Conditions #21 and #22, for the Silty Clay/Silt Unit and the Sand and Gravel Unit, respectively. The following constituents and associated wells with verified detections above the GWPSs during 2025 are:

Silty Clay/Silt Unit

- MW-14: sulfate and total dissolved solids (TDS; 1st through 4th quarters), thallium (1st, 2nd and 4th quarters)
- MW-18A: TDS (1st through 4th quarters), arsenic (3rd quarter)

Sand and Gravel Unit

- MW-07: arsenic and cobalt (1st through 4th quarters)
- MW-10: cobalt (1st quarter)
- Section 845.610(e)(4)(E) – Based on the verified detections above permit established GWPSs, an assessment of corrective measures was initiated in accordance with Section 845.660(a)(1) on March 13, 2025. A demonstration from a qualified professional engineer requesting a 60-day submittal extension was provided to IEPA on April 17, 2025 and was subsequently approved by the IEPA on June 3, 2025 (see Attachment 1). The supporting nature and extent of impacts evaluation was performed in accordance with Section 845.650(d)(1) and submitted on June 9, 2025. Some additional follow-up characterization work as recommended in that report is ongoing and an addendum to the report is anticipated to be submitted in the 1st quarter 2026. This additional work is a refinement of the extent of downgradient impacts and does not affect the information needed for the completion of the assessment of corrective measures.

- Section 845.610(e)(4)(F) – The State CCR Compliance Assessment of Corrective Measures was completed and submitted on August 11, 2025.
- Section 845.610(e)(4)(G) – A selection of remedy pursuant to Section 845.670 has not yet been completed.
- Section 845.610(e)(4)(H) – Since a selection of remedy has not yet been completed, remedial activities pursuant to Section 845.780 have not yet been initiated.

2.0 ANNUAL STATUS SUMMARY

The groundwater monitoring network was defined in Section 1.0 above and the locations of these wells are included on Figure 1. All CCR groundwater monitoring data available to date, which includes data from previous groundwater monitoring under the Federal CCR Rule, are provided in Tables 1 and 2 along with GWPSs established under Special Conditions #21 and #22 of the Operating Permit.

This section provides the information specified under Section 845.610(e) (2-3).

2.1 Summary of Actions and Submittals (Section 845.610(e)(2))

The following key actions have been completed during the 2025 reporting period:

- Quarterly sampling of all parameters specified in Section 845.600(a) plus calcium and turbidity was completed and the associated 60-day data summary submittals were submitted and placed in the facilities operating record in accordance with Section 845.610(b)(3)(D).
- Water levels were recorded monthly for the specified monitoring wells in Special Condition #14 of the Operating Permit. In addition, in accordance with requirements under this Special Condition, surface water elevations were recorded for the Illinois River as measured at the staff gauge at the USGS Kingston Mines station and at a staff gauge installed onsite in June 2024 within Lost Creek. Pond water levels were also concurrently recorded.
- In partial fulfillment of Special Condition #19 of the Operating Permit, berm material samples from 10 locations surrounding the regulated units were collected at 10-foot intervals for chemical analysis of CCR parameters. The results of that sampling will be submitted along with the required geotechnical analysis of the lateral extent of materials supporting the basins. The submittal date for this requirement specified in the Operating Permit was temporarily stayed by the Illinois Pollution Control Board (IPCB) on December 19, 2024 pending requested clarifications by the IEPA to certain permit conditions.

- In accordance with Section 845.660(a)(1) an assessment of corrective measures was completed and submitted on August 11, 2025.
- In accordance with Section 845.650(d)(1) an initial nature and extent of impacts evaluation was completed and submitted on June 9, 2025.

Key activities for the upcoming year include:

- Proceed with corrective action plan requirements under Section 845.670 which will include:
 - Development and submittal of a semi-annual report describing the progress in selecting a remedy and corrective action plan development.
 - Within 1 year of completing the assessment of corrective measures, and after completion of a public meeting as required under Section 845.660(d), a corrective action plan in the form of a construction permit application will be submitted.
- Complete the refinement of the nature and extent of impacts evaluation based on recommendations provided in that initial report submittal dated June 9, 2025.
- Continued quarterly groundwater monitoring/reporting and surface water elevation monitoring in accordance with Special Conditions #12, #13, #14, #21 and #22 of the Operating Permit.

2.2 Groundwater Data Summary (Section 845.610(e)(3)(A-F))

Identification of monitoring wells and associated constituent concentrations above the proposed site specific GWPSs was included in Section 1.0 above. A map showing these wells and constituent concentrations above the proposed GWPSs for the most recent sampling (4th quarter 2025) is provided on Figure 2.

Monthly water levels were recorded from the specified CCR monitoring wells. The water levels are summarized in Table 3. This table includes Illinois River water levels from the U.S. Geological Survey (USGS) Kingston Mine gauge, which is the nearest river gauging station to the site, for each well water level measuring event. In addition, water level from piezometers P-1 and P-2 which are screened in fill material are also included on the table.

A review of water levels associated with the 2025 quarterly groundwater sampling events (February, May, August, and November), shows that river water levels were slightly higher in elevation than those measured at downgradient monitoring well MW-04 (May, August, and November) but the water elevations at this well location is also lower than those from wells further to the south indicating MW-04 may be within a mixing zone. MW-04 is one of the wells closest to the river. Based on this observation, it is noted that the water chemistry data from this well, for those sampling events, may be skewed either lower or

higher depending on the river water quality that may have mixed with groundwater in the vicinity of the well.

Potentiometric surface maps for each round of water levels collected in 2025 are provided in Attachment 2. It is noted that CCR monitoring wells MW-06, MW-08, MW-12, MW-14, MW-15, MW-17, MW-18A and MW-22 are screened within a shallow, localized, saturated silty clay/silt unit which is underlain by a more extensive sand unit. The remaining monitoring wells have deeper screens within the more extensive sand and gravel unit with the exception of MW-18 which appears to be in a transitional zone between the two units. The water levels from wells screened in the silty clay/silt unit and the water levels from monitoring wells screened within the sand and gravel unit were evaluated separately and used to generate potentiometric surface maps for each unit. Groundwater flow beneath the ABB, ASB and MCB within the silty clay/silt unit shows divergent flow within this unit which is consistent with stratigraphic interpretations of the localized, discontinuous silty clay/silt unit beneath this portion of the site. Flow continues to the west towards the former intake channel, however, there is also a component of flow to the east reflecting the slope/trace of the surface topography and the silty clay/silt unit to the east, northeast and southeast and the presence of the unlined Former Ash Basin (FAB) located to the east. The divergent flow, as noted above, is a function of topography, stratigraphy and the presence of the unlined FAB to the east. The water levels are consistently below the base elevation of the ASB liner system which based on construction drawings is 452 feet above mean sea level (amsl).

Groundwater flow within the sand and gravel unit is generally in a northerly direction with some divergent flow to the northeast and/or northwest.

In accordance with Section 845.640(c)(2), groundwater flow direction and seepage velocity estimates for each round of water levels are provided in Table 4. A summary of the number of groundwater samples collected for analysis, since the issuance date of the Operating Permit, for each CCR monitoring well along with sample dates is provided in Table 5.

As previously discussed, the Operating Permit has identified a new background monitoring well, MW-16, to be sampled for the purposes of establishing a new statistical background in accordance with the Revised Attachment 9-5, Illinois State CCR Rule Compliance – Revised Statistical Approach for Groundwater Data Evaluation dated September 23, 2024. Because this well was not sampled in the past for CCR monitoring purposes, there is insufficient data available to establish the statistical background. Therefore, identifying whether there has been a statistically significant increase (SSI) in any parameter in downgradient monitoring wells over the established background cannot be completed at this time. Once a minimum of eight rounds of data from this well are collected, the appropriate statistical evaluations will be completed and submitted to IEPA in accordance with Special Condition #18. Wells with detections above the initial GWPSs established in the Operating Permit during the 2025 groundwater monitoring were identified in Section 1.0 above.

TABLES

Table 1. Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL, Silty Clay/Silt Unit.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228	Selenium	Thallium	Turbidity	
GWPS		4.7	NSP	200.0	4.0	6.5-9.0	400.0	1200.0	0.006	0.010	2.0	0.0040	0.005	0.1	0.006	0.0075	0.04	0.002	0.10	5.0	0.05	0.002	NSP	
MW-16 upgradient	6/18/2024	0.19	110	21	< 0.10	6.91	39	510	< 0.0030	< 0.0010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^{^1+} < 0.010	< 0.00020	< 0.0050	< 0.639	< 0.0025	< 0.0020	13.04	
	9/11/2024	0.18	110	22	< 0.10	7.05	25	500	< 0.0030	< 0.0010	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.754	< 0.0025	< 0.0020	8.22	
	11/20/2024	0.16	120	28	< 0.10	7.15	25	610	< 0.0030	< 0.0010	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.755	< 0.0025	< 0.0020	5.80	
	2/25/2025	0.14	120	28	0.11	7.04	32	520	< 0.0030	< 0.0010	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< -0.101	< 0.0025	< 0.0020	7.63	
	5/19/2025	0.15	120	26	< 0.10	7.14	34	470	< 0.0030	< 0.0010	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.0213	< 0.0025	< 0.0020	6.74	
	8/14/2025	0.15	120	27	0.13	7.14	40	B 520	< 0.0030	< 0.0010	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	1.04	< 0.0025	< 0.0020	16.49	
11/13/2025	0.15	110	32	0.10	7.12	32	530	< 0.0030	< 0.0010	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.948	< 0.0025	< 0.0020	25.77		
MW-06 downgradient	6/18/2024	0.39	94	140	0.49	7.64	220	820	< 0.0030	0.0021	0.059	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^{^1+} < 0.010	< 0.00020	0.010	< 0.722	< 0.0025	< 0.0020	11.22	
	9/10/2024	0.40	96	130	0.48	7.64	270	880	< 0.0030	0.0032	0.075	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.010	< 0.00020	0.011	1.94	< 0.0025	< 0.0020	12.45	
	11/19/2024	0.27	96	150	0.43	7.65	290	950	< 0.0030	0.0028	0.071	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.011	< 0.19	< 0.0025	< 0.0020	8.99	
	2/26/2025	0.24	100	150	0.38	7.66	220	750	< 0.0030	0.0024	0.063	^{^1+} < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.011	< 0.364	< 0.0025	< 0.0020	6.26	
	5/19/2025	0.36	94	150	0.45	7.66	210	760	< 0.0030	0.0025	0.065	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.011	< 0.296	< 0.0025	< 0.0020	18.20	
	8/12/2025	0.42	100	150	0.80	7.50	220	940	< 0.0030	0.0042	0.060	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.013	1.35	< 0.0025	< 0.0020	15.16	
11/12/2025	0.26	97	160	0.64	7.56	200	790	< 0.0030	0.0029	0.073	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.012	< 0.268	< 0.0025	< 0.0020	20.51		
MW-14 downgradient	4/8/2021	2.1	200	98	1.1	7.33	630	1600	< 0.0030	0.0028	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.0002	0.035	< 0.605	0.029	0.0022	13.90	
	5/12/2021	2.6	210	100	1.1	7.13	640	1700	< 0.0030	0.0047	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.0002	0.034	< 0.430	0.0039	0.0028	5.39	
	6/3/2021	2.1	200	26	1.0	6.79	590	1600	< 0.0030	0.0025	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.025	< 0.0002	0.028	< 0.357	0.094	0.0025	1.22	
	6/28/2021	B 2.0	210	93	0.99	6.90	570	1700	^{^+} < 0.0030	0.0014	0.034	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.0002	0.03	0.758	0.034	0.0023	2.63	
	7/20/2021	2.0	190	81	0.89	6.88	500	1700	< 0.0030	0.0025	0.057	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.027	< 0.0002	0.021	< 0.434	< 0.0025	< 0.002	3.74	
	8/23/2021	2.1	210	91	0.96	6.91	560	1800	< 0.0030	0.0022	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.030	< 0.0002	0.031	0.515	0.010	0.0021	4.34	
	10/1/2021	1.9	200	100	0.95	7.06	640	1700	< 0.0030	0.0045	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00065	^{^1+} 0.034	< 0.0002	0.037	< 0.581	< 0.0025	0.002	4.26	
	11/29/2021	2.0	180	94	1.10	7.01	[^] 480	1400	< 0.0030	0.0025	0.032	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.026	< 0.0002	0.033	< 0.442	0.010	< 0.002	10.27	
	2/9/2022	1.9	180	67	1.10	6.91	430	1500	< 0.0030	0.013	0.046	< 0.0010	< 0.00056	< 0.0050	< 0.0010	< 0.00050	0.026	< 0.0002	0.03	0.724	< 0.0025	0.0022	12.29	
	6/8/2022	2.2	220	87	0.96	7.12	810	2100	< 0.0030	0.0041	0.057	< 0.0010	0.00056	< 0.0050	< 0.0010	< 0.00050	0.022	< 0.0002	0.038	< 0.429	0.013	0.0033	8.66	
	8/31/2022	2.2	B 200	120	0.86	6.74	610	1800	< 0.0030	0.0040	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.027	< 0.0002	0.024	0.743	< 0.0025	< 0.002	19.54	
	11/17/2022	NA	NA	NA	NA	6.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.75
	2/22/2023	2.2	190	120	0.76	7.40	600	1700	< 0.0030	0.015	0.067	^{^1+} ^{^+} < 0.0010	0.00085	< 0.0050	< 0.0010	0.0015	0.021	0.00022	0.025	< 0.552	0.024	0.0020	31.69	
	5/17/2023	2.3	280	100	1.0	7.02	1100	2600	< 0.0030	0.0016	0.054	^{^1+} ^{^+} < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.044	< 0.712	0.090	0.0027	7.33	
	8/29/2023	1.5	180	150	1.0	6.84	880	2300	< 0.0020	< 0.0020	0.041	0 0.0010	< 0.00020	< 0.0050	< 0.00050	< 0.00050	0.024	< 0.00020	0.034	0.816	< 0.005	0.0022	7.08	
	11/6/2023	1.5	190	140	0.87	6.95	840	2200	< 0.0030	0.0026	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	0.032	1.22	0.0086	< 0.0020	1.95	
	2/20/2024	1.6	200	130	1.0	7.12	670	2000	< 0.0030	0.0012	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	22	< 0.00020	0.026	< 0.505	0.0039	0.0021	34.43	
	6/18/2024	2.2	290	85	1.1	6.85	1500	3900	< 0.0030	0.0020	0.058	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.050	< 0.00020	0.10	< 0.553	0.053	0.0051	6.79	
	9/9/2024	2.3	230	110	1.4	7.14	1800	4100	^{^1+} < 0.0030	0.0029	0.063	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	0.14	0.584	0.010	0.0035	8.71	
	11/18/2024	2.7	250	110	1.3	7.15	1700	3800	< 0.0030	0.0019	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.020	< 0.00020	0.11	< 0.639	< 0.0025	0.0026	8.64	
2/26/2025	2.4	260	100	1.2	7.02	1400	3400	< 0.0030	0.0013	0.040	^{^1+} < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.024	< 0.00020	0.064	< 0.334	0.0054	0.0021	8.99		
5/21/2025	2.7	260	85	1.2	7.19	1400	3300	< 0.0030	0.0024	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.022	< 0.00020	0.097	< 0.297	0.0054	0.0036	7.52		
8/12/2025	2.4	250	69	2.0	7.50	1200	2900	< 0.0030	0.0017	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	0.035	< 0.368	0.0046	0.0020	15.16		
11/11/2025	2.2	290	77	1.0	7.10	1300	3100	< 0.0030	0.0013	0.028	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	0.060	NA	< 0.0025	0.0021	36.78		
MW-18A downgradient	9/12/2024	0.53	220	140	0.23	6.95	270	1400	< 0.0030	0.0064	0.46	< 0.0010	< 0.00050	0.011	0.0046	0.0044	0.015	< 0.00020	0.010	< 0.983	< 0.0025	< 0.0020	6.43	
	11/19/2024	0.33	290	110	0.30	6.79	140	1500	< 0.0030	0.0087	0.34	< 0.0010	< 0.00050	< 0.0050	0.0065	< 0.00050	< 0.010	< 0.00020	0.086	1.20	< 0.0025	< 0.0020	85.61	

Table 2. Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL. Sand and Gravel Unit.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228	Selenium	Thallium	Turbidity
GWPS		4.7	NSP	200	4.0	6.5-9.0	400	1200	0.006	0.010	2.0	0.004	0.005	0.1	0.006	0.0075	0.04	0.002	0.1	5	0.05	0.002	NSP
MW-16 upgradient	6/18/2024	0.19	110	21	< 0.10	6.91	39	510	< 0.0030	< 0.0010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^1+ < 0.010	< 0.00020	< 0.0050	< 0.639	< 0.0025	< 0.0020	13.04
	9/11/2024	0.18	110	22	< 0.10	7.05	25	500	< 0.0030	< 0.0010	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.754	< 0.0025	< 0.0020	8.22
	11/20/2024	0.16	120	28	< 0.10	7.15	25	610	< 0.0030	< 0.0010	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.755	< 0.0025	< 0.0020	5.80
	2/25/2025	0.14	120	28	0.11	7.04	32	520	< 0.0030	< 0.0010	0.046	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< -0.101	< 0.0025	< 0.0020	7.63
	5/19/2025	0.15	120	26	< 0.10	7.14	34	470	< 0.0030	< 0.0010	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.0213	< 0.0025	< 0.0020	6.74
	8/14/2025	0.15	120	27	0.13	7.14	40	B 520	< 0.0030	< 0.0010	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	1.04	< 0.0025	< 0.0020	16.49
	11/13/2025	0.15	110	32	0.10	7.12	32	530	< 0.0030	< 0.0010	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.948	< 0.0025	< 0.0020	25.77
MW-01 downgradient	11/16/2015	1.0	98	44	0.17	7.07	93	530	< 0.0030	< 0.0010	0.057	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	* < 0.00050	< 0.010	< 0.00020	< 0.0050	0.744	< 0.0025	* < 0.0020	NA
	2/25/2016	0.20	110	42	0.16	7.23	54	460	< 0.0030	0.0025	0.053	< 0.0010	< 0.00050	< 0.0050	0.0014	0.0019	< 0.010	< 0.00020	< 0.0050	< 0.722	0.0029	< 0.0020	NA
	5/20/2016	0.34	100	44	0.17	6.95	65	430	< 0.0030	0.0081	0.062	< 0.0010	< 0.00050	< 0.0070	0.0053	0.011	< 0.010	< 0.00020	< 0.0050	< 0.953	< 0.0025	< 0.0020	NA
	8/17/2016	0.27	78	39	0.25	7.16	50	530	< 0.0030	0.0014	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0014	< 0.010	< 0.00020	0.0057	< 0.491	< 0.0025	< 0.0020	NA
	11/16/2016	0.18	97	39	0.21	7.22	32	500	< 0.0030	0.0051	0.056	< 0.0010	< 0.00050	< 0.0050	0.0044	0.0082	< 0.010	< 0.00020	0.0059	< 0.618	< 0.0025	< 0.0020	NA
	2/14/2017	0.18	120	55	0.17	7.30	60	550	< 0.0030	0.0041	0.056	< 0.0010	< 0.00050	< 0.0050	0.0045	0.0076	< 0.010	< 0.00020	0.0056	< 0.837	< 0.0025	< 0.0020	NA
	5/3/2017	0.19	86	66	0.16	7.41	45	460	< 0.0030	0.0015	0.045	< 0.0010	< 0.00050	< 0.0050	0.0033	0.0067	< 0.010	< 0.00020	< 0.0050	< 0.574	< 0.0025	< 0.0020	NA
	6/21/2017	0.18	85	58	0.18	7.60	47	540	< 0.0030	< 0.0010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0061	< 0.418	< 0.0025	< 0.0020	NA
	8/25/2017	0.56	86	41	0.18	7.41	63	490	< 0.0030	< 0.0010	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0059	0.775	< 0.0025	< 0.0020	NA
	11/8/2017	0.57	130	38	0.12	6.69	61	640	< 0.0030	< 0.0010	0.083	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.343	< 0.0025	< 0.0020	NA
	5/17/2018	0.15	88	50	0.12	6.70	48	540	< 0.0030	< 0.0010	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00068	< 0.010	< 0.00020	< 0.0050	< 0.396	< 0.0025	< 0.0020	NA
	8/8/2018	0.14	86	48	0.13	6.80	43	430	< 0.0030	< 0.0010	0.051	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.579	< 0.0025	< 0.0020	NA
	4/30/2019	0.07	78	54	0.17	7.20	27	450	< 0.0030	0.0014	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0017	< 0.010	< 0.00020	< 0.0050	< 0.656	< 0.0025	< 0.0020	NA
	8/26/2019	0.57	100	39	0.13	7.15	71	550	< 0.0030	< 0.0010	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.802	< 0.0025	< 0.0020	NA
	2/24/2020	0.28	87	53	0.21	7.19	34	410	< 0.0030	< 0.0010	0.044	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00057	< 0.010	< 0.00020	< 0.0050	< 0.478	< 0.0025	< 0.0020	NA
	4/28/2020	0.33	110	46	0.19	7.17	41	470	NS	< 0.0010	0.051	NS	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.628	< 0.0025	< 0.0020	NA
	12/7/2020	0.59	100	54	0.25	7.22	55	640	NS	< 0.0010	0.058	NS	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0052	< 0.542	< 0.0025	< 0.0020	NA
	5/11/2021	0.21	85	51	0.21	7.52	37	450	< 0.0030	< 0.0010	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.010	0.521	< 0.0025	< 0.0020	NA
	8/24/2021	0.27	99	40	0.18	7.19	56	430	< 0.0030	< 0.0010	0.061	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00088	< 0.010	< 0.00020	0.0070	< 0.463	< 0.0025	< 0.0020	3.34
	11/30/2021	0.35	84	41	0.19	7.14	^ 28	410	< 0.0030	< 0.0010	0.060	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.0050	< 0.00020	0.0072	< 0.434	0.0026	< 0.0020	5.43
	2/9/2022	0.18	96	47	0.17	7.33	48	520	< 0.0030	0.0017	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0012	0.0030	< 0.00020	0.0074	< 0.527	< 0.0025	< 0.0020	11.50
	6/7/2022	0.21	81	51	0.14	7.62	27	430	< 0.0030	< 0.0010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0057	0.531	< 0.0025	< 0.0020	3.63
	8/30/2022	0.59	92	44	0.15	7.10	66	810	< 0.0030	< 0.0010	0.073	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+ < 0.010	< 0.00020	< 0.0050	< 0.441	< 0.0025	< 0.0020	4.73
	11/15/2022	0.74	110	47	0.10	7.15	45	530	< 0.0030	< 0.0010	0.086	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.659	< 0.0025	< 0.0020	3.90
	2/22/2023	0.46	110	52	0.14	7.51	92	500	< 0.0030	< 0.0010	0.082	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.503	< 0.0025	< 0.0020	4.54
	5/17/2023	0.29	91	39	< 0.10	7.23	39	400	< 0.0030	< 0.0010	0.055	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.357	< 0.0025	< 0.0020	4.33
	8/29/2023	0.59	100	47	< 0.10	6.98	43	530	< 0.0020	< 0.0020	0.078	< 0.0010	< 0.00020	< 0.0050	< 0.0005	< 0.00050	< 0.010	< 0.00020	0.0020	< 0.574	< 0.0050	< 0.0010	4.40
	11/7/2023	0.45	110	50	< 0.10	6.95	68	590	< 0.0030	< 0.0010	0.090	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+ < 0.010	< 0.00020	< 0.0050	< 0.356	0.0026	< 0.0020	2.93
	2/21/2024	1.5	120	46	0.10	7.12	81	580	< 0.0030	< 0.0010	0.090	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.528	< 0.0025	< 0.0020	17.88
	6/19/2024	0.14	100	78	0.12	6.48	29	550	< 0.0030	< 0.0010	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^1+ < 0.010	< 0.00020	< 0.0050	< 0.688	< 0.0025	< 0.0020	10.24
	9/11/2024	0.18	78	F1 61	0.15	7.17	35	430	< 0.0030	< 0.0010	0.066	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.546	< 0.0025	< 0.0020	8.24
	11/21/2024	1.4	110	46	0.11	7.03	51	580	< 0.0030	< 0.0010	0.089	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.736	< 0.0025	< 0.0020	3.44
2/27/2025	2.1	120	52	< 0.10	6.98	48	560	< 0.0030	< 0.0010	0.091	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010</									

Table 2. Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL. Sand and Gravel Unit.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228	Selenium	Thallium	Turbidity
GWPS		4.7	NSP	200	4.0	6.5-9.0	400	1200	0.006	0.010	2.0	0.004	0.005	0.1	0.006	0.0075	0.04	0.002	0.1	5	0.05	0.002	NSP
MW-03 downgradient	6/20/2017	0.37	76	54	0.29	7.26	49	480	< 0.0030	0.0013	0.066	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.325	< 0.0025	< 0.0020	NA
	8/23/2017	0.40	79	52	0.28	7.44	52	430	< 0.0030	0.0010	0.066	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	1.20	< 0.0025	< 0.0020	NA
	11/7/2017	0.31	79	62	0.26	7.04	61	460	< 0.0030	0.0013	0.068	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.588	< 0.0025	< 0.0020	NA
	5/15/2018	0.35	87	66	0.27	7.53	77	520	< 0.0030	0.0010	0.059	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.489	< 0.0025	< 0.0020	NA
	8/7/2018	0.40	82	67	0.22	6.60	49	500	< 0.0030	0.0015	0.067	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.341	< 0.0025	< 0.0020	NA
	10/30/2018	0.20	74	44	0.25	7.84	26	400	< 0.0030	0.0014	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.354	< 0.0025	< 0.0020	NA
	2/26/2019	0.056	74	56	0.24	7.49	25	410	< 0.0030	0.0013	0.054	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00072	< 0.010	< 0.00020	< 0.0050	< 0.399	< 0.0025	< 0.0020	NA
	4/30/2019	0.28	74	49	0.22	7.17	38	390	< 0.0030	< 0.0010	0.060	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.668	< 0.0025	< 0.0020	NA
	8/26/2019	0.31	75	50	0.26	7.17	14	380	< 0.0030	0.0014	0.069	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.444	< 0.0025	< 0.0020	NA
	2/24/2020	0.33	87	53	0.22	7.10	65	470	< 0.0030	< 0.0010	0.066	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.400	< 0.0025	< 0.0020	NA
	4/28/2020	0.24	86	46	0.22	7.03	79	410	NA	0.0013	0.066	NA	NA	< 0.0050	< 0.0010	< 0.00050	NA	NA	< 0.0050	< 0.498	0.0036	NA	NA
	12/9/2020	0.86	92	45	0.28	7.46	60	390	NA	< 0.0010	0.086	NA	NA	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.432	< 0.0025	NA	NA
	5/11/2021	0.22	75	49	0.21	7.33	38	390	< 0.0030	< 0.0010	0.070	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.519	< 0.0025	< 0.0020	2.68
	8/24/2021	0.41	81	46	0.25	7.15	32	310	< 0.0030	0.0012	0.072	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.444	< 0.0025	< 0.0020	5.75
	11/30/2021	0.30	76	47	0.26	7.20	23	350	< 0.0030	0.0014	0.063	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.004	< 0.00020	< 0.0050	< 0.436	< 0.0025	< 0.0020	0.00
	2/8/2022	0.20	94	47	0.21	7.22	50	550	< 0.0030	0.0010	0.058	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.003	< 0.00020	< 0.0050	0.593	< 0.0025	< 0.0020	0.00
	6/7/2022	0.37	79	45	0.22	7.37	47	370	< 0.0030	0.0012	0.064	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.851	< 0.0025	< 0.0020	1.72
	8/30/2022	0.57	87	50	0.21	7.10	51	710	< 0.0030	< 0.0010	0.10	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+< 0.010	< 0.00020	< 0.0050	0.589	< 0.0025	< 0.0020	2.67
	11/14/2022	0.42	81	49	0.28	7.23	44	430	< 0.0030	< 0.0010	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.540	< 0.0025	< 0.0020	4.03
	2/21/2023	1.0	96	53	0.20	7.75	70	550	< 0.0030	< 0.0010	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.493	< 0.0025	< 0.0020	2.33
	5/16/2023	0.15	80	69	0.21	7.42	31	420	< 0.0030	< 0.0010	0.068	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.993	0.0038	< 0.0020	6.94
	8/28/2023	0.32	73	82	0.20	7.28	36	430	< 0.0020	< 0.0020	0.096	< 0.0010	< 0.00020	< 0.0050	< 0.0005	< 0.00050	< 0.010	< 0.00020	0.0023	< 0.742	0.0070	0.0030	1.45
	11/7/2023	1.1	90	59	0.19	7.29	91	530	< 0.0030	< 0.0010	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+< 0.010	< 0.00020	< 0.0050	< 0.0758	0.0055	< 0.0020	2.29
	2/22/2024	0.19	88	64	0.20	7.51	66	520	< 0.0030	< 0.0010	0.064	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.698	0.0058	< 0.0020	10.24
	6/19/2024	0.93	100	54	0.24	6.80	73	540	< 0.0030	0.0011	0.078	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^1+< 0.010	< 0.00020	< 0.0050	< 0.727	< 0.0025	< 0.0020	7.26
	9/10/2024	0.21	78	68	0.19	7.27	21	420	< 0.0030	< 0.0010	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.684	< 0.0025	< 0.0020	8.64
	11/19/2024	0.67	84	58	0.18	7.18	48	510	< 0.0030	< 0.0010	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.0657	< 0.0025	< 0.0020	3.83
	2/25/2025	0.35	92	64	0.18	7.14	39	470	< 0.0030	< 0.0010	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.331	0.0047	< 0.0020	6.12
	5/20/2025	0.18	84	92	0.21	7.27	32	460	< 0.0030	< 0.0010	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< -0.0579	0.0059	< 0.0020	5.27
	8/13/2025	0.19	87	86	0.28	7.40	34	530	< 0.0030	< 0.0010	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.930	0.0059	< 0.0020	13.60
11/10/2025	0.42	97	63	0.21	7.19	60	460	< 0.0030	< 0.0010	0.14	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.626	< 0.0025	< 0.0020	21.95	
MW-04 downgradient	6/20/2017	0.47	77	55	0.29	7.45	53	480	< 0.0030	< 0.0010	0.0025	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.343	< 0.0025	< 0.0020	NA
	8/28/2017	V 0.73	90	89	0.33	7.13	110	680	< 0.0030	< 0.0010	0.028	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.013	< 0.246	< 0.0025	< 0.0020	NA
	11/7/2017	0.60	110	94	0.24	6.80	051	650	< 0.0030	< 0.0010	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.332	0.0092	< 0.0020	NA
	5/15/2018	0.68	87	66	0.27	7.63	100	630	< 0.0030	< 0.0010	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.661	< 0.0025	< 0.0020	NA
	8/7/2018	0.79	84	71	0.32	6.72	49	510	< 0.0030	0.0011	0.031	<^ 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0060	< 0.334	< 0.0025	< 0.0020	NA
	10/30/2018	0.54	100	80	0.24	7.55	91	690	< 0.0030	< 0.0010	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	0.423	< 0.0025	< 0.0020	NA
	2/26/2019	0.38	79	55	0.25	7.18	52	490	< 0.0030	0.0013	0.033	< 0.0010	< 0.00050	< 0.0050	0.0012	0.0012	< 0.010	< 0.00020	< 0.0050	0.366	< 0.0025	< 0.0020	NA
	4/30/2019	0.36	74	48	0.25	7.08	35	380	< 0.0030	< 0.0010	0.026	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.684	< 0.0025	< 0.0020	NA
	8/26/2019	0.64	91	60	0.24	7.08	14	490	< 0.0030	< 0.0010	0.032	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0080	1.09	< 0.0025		

Table 2. Groundwater Analytical Results - Midwest Generation, LLC, Powerton Station, Pekin, IL. Sand and Gravel Unit.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228	Selenium	Thallium	Turbidity
GWPS		4.7	NSP	200	4.0	6.5-9.0	400	1200	0.006	0.010	2.0	0.004	0.005	0.1	0.006	0.0075	0.04	0.002	0.1	5	0.05	0.002	13.00
MW-05 downgradient	5/17/2016	0.70	100	85	0.35	7.08	120	660	< 0.0030	< 0.0010	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	< 0.0050	< 0.373	< 0.0025	< 0.0020	NA
	8/16/2016	0.69	110	97	0.30	6.85	150	830	< 0.0030	< 0.0010	0.060	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	< 0.0050	< 0.452	< 0.0025	< 0.0020	NA
	11/15/2016	0.93	94	66	0.23	6.96	77	620	< 0.0030	< 0.0010	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	< 0.0050	< 0.449	< 0.0025	< 0.0020	NA
	2/14/2017	0.79	100	100	0.25	7.25	170	760	< 0.0030	< 0.0010	0.062	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00091	< 0.010	< 0.0002	< 0.0050	< 0.359	< 0.0025	< 0.0020	NA
	5/1/2017	0.70	100	92	0.28	7.60	170	710	< 0.0030	< 0.0010	0.059	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0066	< 0.439	< 0.0025	< 0.0020	NA
	6/20/2017	0.64	89	63	0.28	7.32	78	550	< 0.0030	< 0.0010	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0061	< 0.365	< 0.0025	< 0.0020	NA
	8/28/2017	0.62	110	120	0.33	7.05	210	870	< 0.0030	< 0.0010	0.064	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0085	< 0.381	< 0.0025	< 0.0020	NA
	11/7/2017	0.51	99	110	0.31	6.87	160	990	< 0.0030	< 0.0010	0.058	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	< 0.0050	< 0.341	< 0.0025	< 0.0020	NA
	5/15/2018	0.61	130	89	0.29	7.70	210	910	< 0.0030	< 0.0010	0.062	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	< 0.0050	< 0.390	< 0.0025	< 0.0020	NA
	8/7/2018	0.49	110	120	0.32	6.56	180	890	< 0.0030	< 0.0010	0.054	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0069	< 0.523	< 0.0025	< 0.0020	NA
	4/30/2019	0.56	84	73	0.36	6.96	120	590	< 0.0030	< 0.0010	0.041	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0061	< 0.709	< 0.0025	< 0.0020	NA
	8/26/2019	0.57	110	75	0.29	7.01	110	660	< 0.0030	< 0.0010	0.050	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0067	< 0.651	< 0.0025	< 0.0020	NA
	2/24/2020	0.54	110	70	0.36	6.90	120	H 700	< 0.0030	< 0.0010	0.057	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0061	< 0.506	< 0.0025	< 0.0020	NA
	4/28/2020	0.49	110	56	0.37	6.87	130	620	NA	0.0010	0.052	NA	NA	< 0.0050	< 0.0010	< 0.00050	NA	NA	0.0074	< 0.508	< 0.0025	< 0.0020	NA
	12/9/2020	0.53	98	78	0.31	6.91	110	670	NA	< 0.0010	0.050	NA	NA	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0072	< 0.569	< 0.0025	< 0.0020	NA
	5/11/2021	0.50	83	52	0.38	7.20	100	530	< 0.0030	< 0.0010	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0062	< 0.525	< 0.0025	< 0.0020	1.82
	8/24/2021	0.55	88	69	0.32	6.84	99	500	< 0.0030	< 0.0010	0.041	< 0.0010	< 0.00050	< 0.0070	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0073	< 0.863	< 0.0025	< 0.0020	3.20
	11/30/2021	0.68	99	67	0.3	6.92	^ 92	620	< 0.0030	0.0011	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.0052	< 0.0002	0.0051	< 0.632	< 0.0025	< 0.0020	0.00
	2/8/2022	0.56	88	68	0.36	6.95	91	650	< 0.0030	< 0.0010	0.043	< 0.0010	< 0.00066	< 0.0050	0.0023	< 0.00050	0.0017	< 0.0002	0.0070	< 0.438	< 0.0025	< 0.0020	0.00
	6/7/2022	0.59	110	58	0.27	7.15	120	650	< 0.0030	< 0.0010	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	0.00034	< 0.0050	< 0.468	< 0.0025	< 0.0020	2.33
	8/30/2022	0.69	79	73	0.38	6.94	86	720	< 0.0030	< 0.0010	0.029	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+ < 0.010	< 0.0002	0.0073	< 0.538	< 0.0025	< 0.0020	2.70
	11/14/2022	1.1	96	64	0.29	6.87	93	600	< 0.0030	< 0.0010	0.072	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.0002	0.0064	< 0.573	< 0.0025	< 0.0020	2.05
	2/21/2023	0.68	100	93	0.29	7.34	97	760	< 0.0030	< 0.0010	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.528	0.0031	< 0.0020	2.16
	5/16/2023	0.78	110	79	0.30	7.04	130	690	< 0.0030	< 0.0010	0.053	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.648	< 0.0025	< 0.0020	2.55
	8/29/2023	1.1	98	80	0.29	6.99	83	660	< 0.0020	< 0.0020	0.037	< 0.0010	< 0.00020	< 0.0050	< 0.0005	< 0.00050	< 0.010	< 0.00020	0.0040	< 0.817	< 0.005	< 0.0010	1.50
	11/7/2023	1.5	110	98	0.26	6.96	150	700	< 0.0030	< 0.0010	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+ < 0.010	< 0.00020	< 0.0050	< 0.428	< 0.0025	< 0.0020	2.50
	2/22/2024	3.3	120	93	0.30	7.17	190	830	< 0.0030	< 0.0010	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.965	< 0.0025	< 0.0020	7.08
	6/19/2024	1.8	140	82	0.33	6.74	190	850	< 0.0030	< 0.0010	0.057	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^1+ < 0.010	< 0.00020	< 0.0050	< 0.797	< 0.0025	< 0.0020	7.56
	9/10/2024	2.3	100	61	0.26	7.10	120	670	< 0.0030	< 0.0010	0.060	< 0.0010	< 0.00059	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0065	< 2.74	< 0.0025	< 0.0020	8.70
	11/19/2024	1.8	120	74	0.27	6.90	120	730	< 0.0030	< 0.0010	0.044	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.844	< 0.0025	< 0.0020	3.18
2/25/2025	2.1	130	96	0.24	6.94	160	750	< 0.0030	< 0.0010	0.081	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0050	< 0.873	< 0.0025	< 0.0020	6.34	
5/20/2025	2.0	120	97	0.35	6.95	140	770	< 0.0030	< 0.0010	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	< 0.0050	< 0.0785	< 0.0025	< 0.0020	5.56	
8/13/2025	3.0	130	85	0.39	6.95	140	760	< 0.0030	< 0.0010	0.078	< 0.0010	0.00063	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0052	< 0.177	< 0.0025	< 0.0020	13.54	
11/11/2025	3.4	100	64	0.30	6.91	150	750	< 0.0030	< 0.0010	0.073	< 0.0010	0.00060	< 0.0050	< 0.0010	< 0.00050	0.00030	< 0.010	< 0.00020	< 0.0050	< 1.31	< 0.0063	< 0.0020	25.46
MW-07 downgradient	6/18/2024	0.79	230	130	0.50	6.56	49	1100	< 0.0030	0.12	0.48	< 0.0010	< 0.00050	0.0073	0.0088	0.0051	^1+ < 0.010	< 0.00020	0.0058	< 1.29	< 0.0025	< 0.0020	40.69
	9/10/2024	0.39	250	140	0.39	6.69	24	1000	< 0.0030	0.14	0.49	< 0.0010	< 0.00050	< 0.0050	0.0074	0.0010	< 0.010	< 0.00020	0.0069	6.30	< 0.0025	< 0.0020	17.49
	11/20/2024	0.51	230	150	0.43	6.74	45	1100	< 0.0030	0.10	0.48	< 0.0010	< 0.00050	< 0.0050	0.0070	0.0015	< 0.010	< 0.00020	0.0065	1.51	< 0.0025	< 0.0020	25.87
	2/26/2025	0.50	280	150	0.43	6.64	39	1000	< 0.0030	0.15	0.56	^1+ < 0.0010	< 0.00070	< 0.0050	0.0070	0.0033	< 0.010	< 0.00020	0.0092	< 0.970	< 0.0025	< 0.0020	53.00
	5/19/2025	0.65	230	150	0.47	6.71	49	920	< 0.0030	0.11	0.52	< 0.0010	< 0.00050	0.0092	0.011	0.0048	< 0.010	< 0.00020	0.010	< 0.527	< 0.0025	< 0.0020	17.57
8/12/2025	0.65	230	140	0.73	6.58	58	1000	< 0.0030	0.091	0.48	< 0.0010	0.00059	0.012	0.014	0.0072	0							

Table 3. Groundwater Elevations for CCR Permit Wells and Piezometers - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-06 down-gradient	5/11/2015	464.47	17.26	447.21	11.61	438.78
	8/18/2015	464.47	15.65	448.82	4.62	431.79
	11/16/2015	464.47	19.11	445.36	4.38	431.55
	2/22/2016	464.50	17.11	447.39	7.97	435.14
	5/16/2016	464.50	17.80	446.70	14.53	441.7
	8/15/2016	464.50	14.13	450.37	7.11	434.28
	11/14/2016	464.50	15.06	449.44	6.35	433.52
	2/13/2017	464.50	13.77	450.73	NA	NA
	5/2/2017	464.50	14.15	450.35	17.09	444.26
	8/24/2017	464.50	16.09	448.41	3.86	431.03
	11/8/2017	464.50	16.76	447.74	6.89	434.06
	3/6/2018	464.50	15.00	449.50	NA	NA
	5/18/2018	464.50	15.82	448.68	9.93	437.1
	8/10/2018	464.50	14.29	450.21	2.13	429.3
	10/29/2018	464.50	16.67	447.83	4.21	431.38
	2/25/2019	464.50	14.98	449.52	16.74	443.91
	4/29/2019	464.50	15.87	448.63	14.04	441.21
	8/26/2019	464.50	15.31	449.19	3.61	430.78
	11/11/2019	464.50	15.16	449.34	15.92	443.09
	2/24/2020	464.50	15.83	448.67	12.84	440.01
	4/27/2020	464.50	15.36	449.14	12.64	439.81
	8/10/2020	464.50	17.70	446.80	4.29	431.46
	12/7/2020	464.50	16.00	448.50	2.97	430.14
	2/22/2021	464.50	15.58	448.92	6.21	433.38
	5/10/2021	464.50	15.35	449.15	10.71	437.88
	8/23/2021	464.50	16.05	448.45	3.49	430.66
	11/29/2021	464.50	16.85	447.65	5.17	432.34
	2/7/2022	464.50	17.14	447.36	4.4	431.57
	6/6/2022	464.50	17.06	447.44	8.21	429.59
	8/29/2022	464.50	17.50	447.00	2.55	429.72
	11/14/2022	464.50	17.96	446.54	3.2	430.37
	2/20/2023	464.50	17.27	447.23	7.6	434.77
	5/15/2023	464.50	17.17	447.33	8.78	435.95
	8/28/2023	464.50	17.86	446.64	3.26	430.43
	11/6/2023	464.50	18.85	445.65	3.65	430.82
	1/24/2024	464.50	18.59	445.91	12.92	440.09
	2/19/2024	464.50	18.13	446.37	12.74	439.91
	3/26/2024	464.50	17.28	447.22	10.1	437.27
	4/12/2024	464.50	16.94	447.56	16.79	443.96
	5/15/2024	464.50	16.20	448.30	15.9	443.07
	6/17/2024	464.50	16.26	448.24	12.03	439.2
	7/25/2024	464.50	16.00	448.50	12.63	439.8
	8/21/2024	464.50	15.91	448.59	11.76	438.93
	9/9/2024	464.50	16.09	448.41	11.82	438.99
	10/29/2024	464.50	16.16	448.34	2.16	429.33
	11/18/2024	464.50	16.26	448.24	4.14	431.31
	12/10/2024	464.50	17.26	447.24	2.8	429.97
	1/7/2025	464.50	17.14	447.36	5.95	433.12
	2/24/2025	464.50	15.71	448.79	2.98	430.15
	3/28/2025	464.50	16.25	448.25	7.45	434.62
4/24/2025	464.50	15.98	448.52	7.68	434.85	
5/19/2025	464.50	15.27	449.23	4.38	431.55	
6/27/2025	464.50	15.84	448.66	6.52	433.69	
7/22/2025	464.50	16.26	448.24	5.66	432.83	
8/11/2025	464.50	16.37	448.13	3.41	430.58	
9/16/2025	464.50	16.78	447.72	2.17	429.34	
10/21/2025	464.50	18.81	445.69	2.58	429.75	
11/10/2025	464.50	16.22	448.28	3.60	430.77	
12/18/2025	464.50	15.94	448.56	2.93	430.10	

Table 3. Groundwater Elevations for CCR Permit Wells and Piezometers - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-12 / 12R down-gradient	11/16/2015	473.38	24.48	448.90	4.38	431.55
	2/22/2016	473.38	21.41	451.97	7.97	435.14
	5/16/2016	473.38	22.94	450.44	14.53	441.7
	8/15/2016	473.38	23.85	449.53	7.11	434.28
	11/14/2016	473.38	23.89	449.49	6.35	433.52
	2/13/2017	473.38	21.93	451.45	NA	NA
	5/1/2017	473.38	22.26	451.12	17.09	444.26
	6/20/2017	473.38	22.76	450.62	11.93	439.1
	8/26/2017	473.38	23.92	449.46	3.86	431.03
	11/10/2017	473.38	24.29	449.09	6.89	434.06
	5/16/2018	473.38	22.46	450.92	9.93	437.1
	8/9/2018	473.38	23.78	449.60	2.13	429.3
	11/1/2018	473.38	23.74	449.64	4.21	431.38
	4/29/2019	473.38	22.05	451.33	14.04	441.21
	11/11/2019	473.38	22.85	450.53	15.92	443.09
	4/27/2020	473.38	21.44	451.94	12.64	439.81
	12/7/2020	473.38	22.70	450.68	2.97	430.14
	2/22/2021	473.38	21.00	452.38	6.21	433.38
	4/7/2021	473.38	21.91	451.47	10.23	437.4
	5/10/2021	473.38	22.50	450.88	10.71	437.88
	6/2/2021	473.38	22.60	450.78	10.7	437.87
	6/28/2021	473.38	22.95	450.43	12.11	439.28
	7/19/2021	473.38	22.99	450.39	15.06	442.23
	8/23/2021	473.38	23.48	449.90	3.49	430.66
	9/30/2021	473.38	23.87	449.51	2.49	429.66
	10/27/2021	473.38	23.90	449.48	13.08	440.25
	11/29/2021	473.38	23.33	450.05	5.17	432.34
	12/30/2021	473.38	22.95	450.43	6.68	433.85
	1/6/2022	473.38	22.77	450.61	6.45	433.62
	2/7/2022	473.38	22.03	451.35	4.4	431.57
	3/1/2022	473.38	21.74	451.64	16.04	443.21
	4/22/2022	473.38	22.03	451.35	NA	NA
	5/24/2022	473.38	22.36	451.02	11.42	438.59
	6/6/2022	473.38	22.65	450.73	8.21	435.38
	7/25/2022	473.38	23.29	450.09	5.36	432.53
	8/29/2022	473.38	23.84	449.54	2.55	429.72
	9/28/2022	473.38	24.13	449.25	2.37	429.54
	10/26/2022	473.38	24.28	449.10	4.36	431.53
	11/14/2022	473.38	24.15	449.23	3.2	430.37
	12/28/2022	473.38	22.41	450.97	NA	NA
	1/24/2023	473.38	21.68	451.70	7.29	434.46
	2/20/2023	473.38	21.36	452.02	7.6	434.77
	3/28/2023	473.38	21.07	452.31	14.9	442.07
	4/25/2023	473.38	21.53	451.85	9.4	436.57
	5/15/2023	473.38	21.88	451.50	8.78	435.95
	6/26/2023	473.38	22.87	450.51	2.42	429.59
	7/25/2023	473.38	22.99	450.39	3.67	430.84
	8/28/2023	473.38	23.12	450.26	3.26	430.43
	9/28/2023	473.38	23.50	449.88	3.35	430.52
	10/27/2023	473.38	23.88	449.50	3.98	431.15
	11/6/2023	473.38	23.88	449.50	3.65	430.82
	12/21/2023	473.38	22.72	450.66	6.12	433.29
1/24/2024	473.38	21.70	451.68	12.92	440.09	
2/19/2024	473.38	21.51	451.87	12.74	439.91	
3/26/2024	473.38	21.67	451.71	10.10	437.27	
4/12/2024	473.38	21.51	451.87	16.79	443.96	
5/15/2024	472.95	21.30	451.65	15.9	443.07	
6/17/2024	472.95	22.10	450.85	12.03	439.2	
7/25/2024	472.95	22.60	450.35	12.63	439.8	
8/21/2024	472.95	22.92	450.03	11.76	438.93	
9/9/2024	472.95	22.72	450.23	11.82	438.99	
10/29/2024	472.95	23.80	449.15	2.16	429.33	
11/18/2024	472.95	23.27	449.68	4.14	431.31	
12/10/2024	472.95	23.56	449.39	2.8	429.97	
1/7/2025	472.95	23.84	449.11	5.95	433.12	
2/24/2025	472.95	23.74	449.21	2.98	430.15	
3/28/2025	472.95	24.30	448.65	7.45	434.62	
4/24/2025	472.95	24.36	448.59	7.68	434.85	
5/19/2025	472.95	24.70	448.25	4.38	431.55	
6/27/2025	472.95	24.30	448.65	6.52	433.69	
7/22/2025	472.95	24.15	448.80	5.66	432.83	
8/11/2025	472.95	24.04	448.91	3.41	430.58	
9/16/2025	472.95	24.83	448.12	2.17	429.34	
10/21/2025	472.95	24.88	448.07	2.58	429.75	
11/10/2025	472.95	24.41	448.54	3.60	430.77	
12/18/2025	472.95	24.62	448.33	2.93	430.10	

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Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-14 down-gradient	2/22/2021	470.79	25.43	445.36	6.21	433.38
	4/7/2021	470.79	24.46	446.33	10.23	437.4
	5/10/2021	470.79	24.86	445.93	10.71	437.88
	6/2/2021	470.79	24.20	446.59	10.7	437.87
	6/28/2021	470.79	24.45	446.34	12.11	439.28
	7/19/2021	470.79	24.04	446.75	15.06	442.23
	8/23/2021	470.79	24.58	446.21	3.49	430.66
	9/30/2021	470.79	25.35	445.44	2.49	429.66
	10/25/2021	470.79	25.41	445.38	13.08	440.25
	11/29/2021	470.79	24.68	446.11	5.17	432.34
	12/30/2021	470.79	25.05	445.74	6.68	433.85
	1/6/2022	470.90	22.02	448.88	6.45	433.62
	2/7/2022	470.90	25.64	445.26	4.4	431.57
	3/1/2022	470.90	25.36	445.54	16.04	443.21
	4/22/2022	470.90	23.82	447.08	NA	NA
	5/24/2022	470.90	24.08	446.82	11.42	438.59
	6/6/2022	470.90	24.10	446.80	8.21	435.38
	7/25/2022	470.90	25.07	445.83	5.36	432.53
	8/29/2022	470.90	28.30	442.60	2.55	429.72
	9/28/2022	470.90	30.29	440.61	2.37	429.54
	10/26/2022	470.90	31.23	439.67	4.36	431.53
	11/14/2022	470.90	31.58	439.32	3.2	430.37
	12/28/2022	470.90	32.05	438.85	NA	NA
	1/24/2023	470.90	31.48	439.42	7.29	434.46
	2/20/2023	470.90	30.91	439.99	7.6	434.77
	3/28/2023	470.90	25.14	445.76	14.9	442.07
	4/25/2023	470.90	24.56	446.34	9.4	436.57
	5/15/2023	470.90	24.41	446.49	8.78	435.95
	6/26/2023	470.90	25.18	445.72	2.42	429.59
	7/25/2023	470.90	25.61	445.29	3.67	430.84
	8/28/2023	470.90	29.02	441.88	3.26	430.43
	9/28/2023	470.90	31.94	438.96	3.35	430.52
	10/27/2023	470.90	31.18	439.72	3.98	431.15
	11/6/2023	470.90	31.26	439.64	3.65	430.82
	12/21/2023	470.90	31.63	439.27	6.12	433.29
	1/24/2024	470.90	30.33	440.57	12.92	440.09
	2/19/2024	470.90	24.73	446.17	12.74	439.91
	3/26/2024	470.90	24.81	446.09	10.1	437.27
	4/12/2024	470.90	24.62	446.28	16.79	443.96
	5/15/2024	470.90	23.72	447.18	15.9	443.07
	6/17/2024	470.90	24.07	446.83	12.03	439.2
	7/25/2024	470.90	24.40	446.50	12.63	439.8
	8/21/2024	470.90	24.56	446.34	11.76	438.93
	9/9/2024	470.90	24.85	446.05	11.82	438.99
	10/29/2024	470.90	25.74	445.16	2.16	429.33
	11/18/2024	470.90	25.91	444.99	4.14	431.31
	12/10/2024	470.90	25.77	445.13	2.8	429.97
	1/7/2025	470.90	27.68	443.22	5.95	433.12
	2/24/2025	470.90	29.10	441.80	2.98	430.15
	3/28/2025	470.90	25.23	445.67	7.45	434.62
4/24/2025	470.90	25.30	445.60	7.68	434.85	
5/19/2025	470.90	25.51	445.39	4.38	431.55	
6/27/2025	470.90	25.60	445.30	6.52	433.69	
7/22/2025	470.90	25.94	444.96	5.66	432.83	
8/11/2025	470.90	29.13	441.77	3.41	430.58	
9/16/2025	470.90	31.08	439.82	2.17	429.34	
10/21/2025	470.90	31.87	439.03	2.58	429.75	
11/10/2025	470.90	32.12	438.78	3.60	430.77	
12/18/2025	470.90	32.81	438.09	2.93	430.10	

Table 3. Groundwater Elevations for CCR Permit Wells and Piezometers - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-15 down-gradient	11/16/2015	471.37	25.33	446.04	4.38	431.55
	2/22/2016	471.37	22.91	448.46	7.97	435.14
	5/16/2016	471.37	24.71	446.66	14.53	441.7
	8/15/2016	471.37	23.45	447.92	7.11	434.28
	11/14/2016	471.37	23.94	447.43	6.35	433.52
	2/13/2017	471.37	23.73	447.64	NA	NA
	5/1/2017	471.37	23.27	448.10	17.09	444.26
	6/20/2017	471.37	22.86	448.51	11.93	439.1
	8/29/2017	471.37	23.13	448.24	3.86	431.03
	11/10/2017	471.37	25.13	446.24	6.89	434.06
	5/17/2018	471.37	23.85	447.52	9.93	437.1
	8/9/2018	471.37	23.96	447.41	2.13	429.3
	10/31/2018	471.37	24.55	446.82	4.21	431.38
	4/29/2019	471.37	23.57	447.80	14.04	441.21
	11/11/2019	471.37	23.79	447.58	15.92	443.09
	4/27/2020	471.37	23.95	447.42	12.64	439.81
	12/7/2020	471.37	25.01	446.36	2.97	430.14
	2/22/2021	471.37	27.74	443.63	6.21	433.38
	4/7/2021	471.37	24.44	446.93	10.23	437.4
	5/10/2021	471.37	24.62	446.75	10.71	437.88
	6/2/2021	471.37	24.12	447.25	10.7	437.87
	6/28/2021	471.37	24.19	447.18	12.11	439.28
	7/19/2021	471.37	24.01	447.36	15.06	442.23
	8/23/2021	471.37	24.38	446.99	3.49	430.66
	9/30/2021	471.37	24.91	446.46	2.49	429.66
	4/22/2022	471.37	24.18	447.19	NA	NA
	5/24/2022	471.37	24.27	447.10	11.42	438.59
	6/6/2022	471.37	24.29	447.08	8.21	435.38
	7/25/2022	471.37	25.05	446.32	5.36	432.53
	8/29/2022	471.37	25.45	445.92	2.55	429.72
	9/28/2022	471.37	25.54	445.83	2.37	429.54
	10/26/2022	471.37	26.00	445.37	4.36	431.53
	11/14/2022	471.37	26.14	445.23	3.2	430.37
	12/28/2022	471.37	27.84	443.53	NA	NA
	1/24/2023	471.37	25.26	446.11	7.29	434.46
	2/20/2023	471.37	25.24	446.13	7.6	434.77
	3/28/2023	471.37	24.81	446.56	14.9	442.07
	4/25/2023	471.37	24.56	446.81	9.4	436.57
	5/15/2023	471.37	24.64	446.73	8.78	435.95
	6/26/2023	471.37	25.18	446.19	2.42	429.59
	7/25/2023	471.37	25.53	445.84	3.67	430.84
	8/28/2023	471.37	25.60	445.77	3.26	430.43
	9/28/2023	471.37	25.78	445.59	3.35	430.52
	10/27/2023	471.37	26.00	445.37	3.98	431.15
	11/6/2023	471.37	26.04	445.33	3.65	430.82
	12/21/2023	471.37	25.86	445.51	6.12	433.29
	1/24/2024	471.37	25.19	446.18	12.92	440.09
	2/19/2024	471.37	24.52	446.85	12.74	439.91
	3/26/2024	471.37	24.44	446.93	10.10	437.27
	4/12/2024	471.37	24.35	447.02	16.79	443.96
5/15/2024	471.37	23.89	447.48	15.9	443.07	
6/17/2024	471.37	24.08	447.29	12.03	439.2	
7/25/2024	471.37	24.23	447.14	12.63	439.8	
8/21/2024	471.37	24.28	447.09	11.76	438.93	
9/9/2024	471.37	24.48	446.89	11.82	438.99	
10/29/2024	471.37	25.12	446.25	2.16	429.33	
11/18/2024	471.37	25.01	446.36	4.14	431.31	
12/10/2024	471.37	25.13	446.24	2.8	429.97	
1/7/2025	471.37	25.34	446.03	5.95	433.12	
2/24/2025	471.37	25.23	446.14	2.98	430.15	
3/28/2025	471.37	25.02	446.35	7.45	434.62	
4/24/2025	471.37	24.97	446.40	7.68	434.85	
5/19/2025	471.37	25.06	446.31	4.38	431.55	
6/27/2025	471.37	24.82	446.55	6.52	433.69	
7/22/2025	471.37	24.95	446.42	5.66	432.83	
8/11/2025	471.37	25.20	446.17	3.41	430.58	
9/16/2025	471.37	25.45	445.92	2.17	429.34	
10/21/2025	471.37	25.79	445.58	2.58	429.75	
11/10/2025	471.37	25.93	445.44	3.60	430.77	
12/18/2025	471.37	26.02	445.35	2.93	430.10	

Table 3. Groundwater Elevations for CCR Permit Wells and Piezometers - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-17 down-gradient	11/16/2015	467.75	26.92	440.83	4.38	431.55
	2/22/2016	467.75	19.86	447.89	7.97	435.14
	5/16/2016	467.75	20.42	447.33	14.53	441.7
	8/15/2016	467.75	21.61	446.14	7.11	434.28
	11/14/2016	467.75	21.39	446.36	6.35	433.52
	2/13/2017	467.75	19.66	448.09	NA	NA
	5/1/2017	467.75	18.78	448.97	17.09	444.26
	6/20/2017	467.75	19.42	448.33	11.93	439.1
	8/29/2017	467.75	22.68	445.07	3.86	431.03
	11/6/2017	467.75	24.66	443.09	6.89	434.06
	5/14/2018	467.75	19.79	447.96	9.93	437.1
	8/6/2018	467.75	21.03	446.72	2.13	429.3
	10/29/2018	467.75	21.98	445.77	4.21	431.38
	4/29/2019	467.75	18.75	449.00	14.04	441.21
	11/11/2019	467.75	19.60	448.15	15.92	443.09
	4/27/2020	467.75	19.15	448.60	12.64	439.81
	12/7/2020	467.75	24.12	443.63	2.97	430.14
	2/22/2021	467.75	20.22	447.53	6.21	433.38
	4/7/2021	467.75	19.69	448.06	10.23	437.4
	5/10/2021	467.75	20.00	447.75	10.71	437.88
	6/2/2021	467.75	19.65	448.10	10.7	437.87
	6/28/2021	467.75	19.98	447.77	12.11	439.28
	7/19/2021	467.75	19.57	448.18	15.06	442.23
	8/23/2021	467.75	20.15	447.60	3.49	430.66
	9/30/2021	467.75	23.25	444.50	2.49	429.66
	10/28/2021	467.75	23.35	444.40	13.08	440.25
	11/29/2021	467.75	20.64	447.11	5.17	432.34
	12/30/2021	467.75	22.61	445.14	6.68	433.85
	1/6/2022	467.75	23.19	444.56	6.45	433.62
	2/7/2022	467.75	22.03	445.72	4.4	431.57
	3/1/2022	467.75	19.97	447.78	16.04	443.21
	4/22/2022	467.75	19.36	448.39	NA	NA
	5/24/2022	467.75	19.38	448.37	11.42	438.59
	6/6/2022	467.75	19.45	448.30	8.21	435.38
	7/25/2022	467.75	20.39	447.36	5.36	432.53
	8/29/2022	467.75	23.75	444.00	2.55	429.72
	9/28/2022	467.75	25.38	442.37	2.37	429.54
	10/26/2022	467.75	27.49	440.26	4.36	431.53
	11/14/2022	467.75	27.73	440.02	3.2	430.37
	12/28/2022	467.75	27.47	440.28	NA	NA
	1/24/2023	467.75	23.08	444.67	7.29	434.46
	2/20/2023	467.75	20.29	447.46	7.6	434.77
	3/28/2023	467.75	19.43	448.32	14.9	442.07
	4/25/2023	467.75	19.31	448.44	9.4	436.57
	5/15/2023	467.75	19.60	448.15	8.78	435.95
	6/26/2023	467.75	20.42	447.33	2.42	429.59
	7/25/2023	467.75	21.26	446.49	3.67	430.84
	8/28/2023	467.75	21.13	446.62	3.26	430.43
	9/28/2023	467.75	23.65	444.10	3.35	430.52
	10/27/2023	467.75	24.26	443.49	3.98	431.15
	11/6/2023	467.75	24.42	443.33	3.65	430.82
	12/21/2023	467.75	24.85	442.90	6.12	433.29
	1/24/2024	467.75	20.92	446.83	12.92	440.09
	2/19/2024	467.75	19.49	448.26	12.74	439.91
	3/26/2024	467.75	19.69	448.06	10.10	437.27
	4/12/2024	467.75	19.48	448.27	16.79	443.96
	5/15/2024	467.75	19.04	448.71	15.9	443.07
	6/17/2024	467.75	19.42	448.33	12.03	439.2
	7/25/2024	467.75	19.95	447.80	12.63	439.8
	8/21/2024	467.75	20.29	447.46	11.76	438.93
9/9/2024	467.75	20.75	447.00	11.82	438.99	
10/29/2024	467.75	24.40	443.35	2.16	429.33	
11/18/2024	467.75	25.00	442.75	4.14	431.31	
12/10/2024	467.75	25.21	442.54	2.8	429.97	
1/7/2025	467.75	DRY	DRY	5.95	433.12	
2/24/2025	467.75	DRY	DRY	2.98	430.15	
3/28/2025	467.75	27.46	440.29	7.45	434.62	
4/24/2025	467.75	26.46	441.29	7.68	434.85	
5/19/2025	467.75	28.28	439.47	4.38	431.55	
6/27/2025	467.75	28.03	439.72	6.52	433.69	
7/22/2025	467.75	DRY	DRY	5.66	432.83	
8/11/2025	467.75	DRY	DRY	3.41	430.58	
9/16/2025	467.75	DRY	DRY	2.17	429.34	
10/21/2025	467.75	DRY	DRY	2.58	429.75	
11/10/2025	467.75	DRY	DRY	3.60	430.77	
12/18/2025	467.75	DRY	DRY	2.93	430.10	

Table 3. Groundwater Elevations for CCR Permit Wells and Piezometers - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-18 down-gradient	11/16/2015	469.28	28.42	440.86	4.38	431.55
	2/22/2016	469.28	27.96	441.32	7.97	435.14
	5/16/2016	469.28	25.57	443.71	14.53	441.7
	8/15/2016	469.28	27.86	441.42	7.11	434.28
	11/14/2016	469.28	27.39	441.89	6.35	433.52
	2/13/2017	469.28	25.06	444.22	NA	NA
	5/1/2017	469.28	22.49	446.79	17.09	444.26
	6/20/2017	469.28	24.97	444.31	11.93	439.1
	8/28/2017	469.28	27.30	441.98	3.86	431.03
	11/6/2017	469.28	26.33	442.95	6.89	434.06
	5/14/2018	469.28	24.65	444.63	9.93	437.1
	8/6/2018	469.28	25.67	443.61	2.13	429.3
	10/29/2018	469.28	25.79	443.49	4.21	431.38
	4/29/2019	469.28	23.00	446.28	14.04	441.21
	11/11/2019	469.28	23.94	445.34	15.92	443.09
	4/27/2020	469.28	23.97	445.31	12.64	439.81
	12/7/2020	469.28	27.82	441.46	2.97	430.14
	2/22/2021	469.28	26.69	442.59	6.21	433.38
	4/7/2021	469.28	24.94	444.34	10.23	437.4
	5/10/2021	469.28	25.96	443.32	10.71	437.88
	6/2/2021	469.28	24.70	444.58	10.7	437.87
	6/28/2021	469.28	25.60	443.68	12.11	439.28
	7/19/2021	469.28	23.50	445.78	15.06	442.23
	8/23/2021	469.28	27.35	441.93	3.49	430.66
	9/30/2021	469.28	29.70	439.58	2.49	429.66
	10/25/2021	469.28	27.35	441.93	13.08	440.25
	11/29/2021	469.28	26.81	442.47	5.17	432.34
	12/30/2021	469.28	27.14	442.14	6.68	433.85
	1/6/2022	469.28	26.57	442.71	6.45	433.62
	2/7/2022	469.28	27.83	441.45	4.4	431.57
	3/1/2022	469.28	24.45	444.83	16.04	443.21
	4/22/2022	469.28	23.77	445.51	NA	NA
	5/24/2022	469.28	25.04	444.24	11.42	438.59
	6/6/2022	469.28	25.71	443.57	8.21	435.38
	7/25/2022	469.28	28.62	440.66	5.36	432.53
	8/29/2022	469.28	28.66	440.62	2.55	429.72
	9/28/2022	469.28	32.19	437.09	2.37	429.54
	10/26/2022	469.28	33.26	436.02	4.36	431.53
	11/14/2022	469.28	32.95	436.33	3.2	430.37
	12/28/2022	469.28	28.44	440.84	NA	NA
	1/24/2023	469.28	28.65	440.63	7.29	434.46
	2/20/2023	469.28	28.44	440.84	7.6	434.77
	3/28/2023	469.28	26.78	442.50	14.9	442.07
	4/25/2023	469.28	25.35	443.93	9.4	436.57
	5/15/2023	469.28	26.46	442.82	8.78	435.95
	6/26/2023	469.28	30.11	439.17	2.42	429.59
	7/25/2023	469.28	28.93	440.35	3.67	430.84
	8/28/2023	469.28	29.87	439.41	3.26	430.43
	9/28/2023	469.28	30.02	439.26	3.35	430.52
	10/27/2023	469.28	29.29	439.99	3.98	431.15
	11/6/2023	469.28	29.54	439.74	3.65	430.82
	12/21/2023	469.28	28.68	440.60	6.12	433.29
	1/24/2024	469.28	26.47	442.81	12.92	440.09
	2/19/2024	469.28	24.46	444.82	12.74	439.91
	3/26/2024	469.28	26.46	442.82	10.10	437.27
	4/12/2024	469.28	23.98	445.30	16.79	443.96
	5/15/2024	469.28	23.36	445.92	15.9	443.07
	6/17/2024	469.28	26.71	442.57	12.03	439.2
	7/25/2024	469.28	26.15	443.13	12.63	439.8
	8/21/2024	469.28	28.88	440.40	11.76	438.93
9/9/2024	469.28	30.78	438.50	11.82	438.99	
10/29/2024	469.28	29.16	440.12	2.16	429.33	
11/18/2024	469.28	28.83	440.45	4.14	431.31	
12/10/2024	469.28	30.18	439.10	2.8	429.97	
1/7/2025	469.28	29.73	439.55	5.95	433.12	
2/24/2025	469.28	28.81	440.47	2.98	430.15	
3/28/2025	469.28	27.19	442.09	7.45	434.62	
4/24/2025	469.28	26.81	442.47	7.68	434.85	
5/19/2025	469.28	28.68	440.60	4.38	431.55	
6/27/2025	469.28	27.61	441.67	6.52	433.69	
7/22/2025	469.28	28.68	440.60	5.66	432.83	
8/11/2025	469.28	28.51	440.77	3.41	430.58	
9/16/2025	469.28	31.02	438.26	2.17	429.34	
10/21/2025	469.28	32.27	437.01	2.58	429.75	
11/10/2025	469.28	31.49	437.79	3.60	430.77	
12/18/2025	469.28	32.83	436.45	2.93	430.10	

Table 3. Groundwater Elevations for CCR Permit Wells and Piezometers - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-18A down-gradient	8/21/2024	469.54	35.60	433.94	11.76	438.93
	9/9/2024	469.54	33.53	436.01	11.82	438.99
	10/29/2024	469.54	31.31	438.23	2.16	429.33
	11/18/2024	469.54	30.90	438.64	4.14	431.31
	12/10/2024	469.54	32.72	436.82	2.8	429.97
	1/7/2025	469.54	30.98	438.56	5.95	433.12
	2/24/2025	469.54	30.63	438.91	2.98	430.15
	3/28/2025	469.54	30.06	439.48	7.45	434.62
	4/24/2025	469.54	27.99	441.55	7.68	434.85
	5/19/2025	469.54	29.36	440.18	4.38	431.55
	6/27/2025	469.54	29.22	440.32	6.49	433.66
	7/22/2025	469.54	29.91	439.63	3.93	431.10
	8/11/2025	469.54	30.50	439.04	3.41	430.58
	9/16/2025	469.54	31.97	437.57	2.17	429.34
	10/21/2025	469.54	31.17	438.37	2.58	429.75
	11/10/2025	469.54	31.40	438.14	3.60	430.77
12/18/2025	469.54	32.00	437.54	2.93	430.10	
MW-22 down-gradient	4/12/2024	457.18	12.73	444.45	16.79	443.96
	5/15/2024	457.18	11.66	445.52	15.9	443.07
	6/17/2024	457.18	16.04	441.14	12.03	439.2
	7/25/2024	457.18	16.22	440.96	12.63	439.8
	8/21/2024	457.18	19.28	437.90	11.76	438.93
	9/9/2024	457.18	21.18	436.00	11.82	438.99
	10/29/2024	457.18	21.81	435.37	2.16	429.33
	11/18/2024	457.18	21.41	435.77	4.14	431.31
	12/10/2024	457.18	21.86	435.32	2.8	429.97
	1/7/2025	457.18	20.71	435.32	5.95	433.12
	2/24/2025	457.18	22.11	435.32	2.98	430.15
	3/28/2025	457.18	18.45	438.73	7.45	434.62
	4/24/2025	457.18	17.58	439.60	7.68	434.85
	5/19/2025	457.18	20.49	436.69	4.38	431.55
	6/27/2025	457.18	18.20	438.98	6.52	433.69
	7/22/2025	457.18	21.20	435.98	5.66	432.83
8/11/2025	457.18	21.52	435.66	3.41	430.58	
9/16/2025	457.18	22.51	434.67	2.17	429.34	
10/21/2025	457.18	23.10	434.08	2.58	429.75	
11/10/2025	457.18	22.52	434.66	3.60	430.77	
12/18/2025	457.18	22.66	434.52	2.93	430.10	

Table 3. Groundwater Elevations for CCR Permit Wells and Piezometers - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-16 down-gradient	5/12/2015	471.56	27.02	444.54	12.15	415.02
	8/18/2015	471.56	22.83	448.73	4.62	422.55
	11/16/2015	471.56	27.63	443.93	4.38	422.79
	2/24/2016	471.55	24.12	447.43	8.02	419.15
	5/16/2016	471.55	25.09	446.46	14.53	412.64
	8/15/2016	471.55	26.42	445.13	7.11	420.06
	11/14/2016	471.55	26.27	445.28	6.35	420.82
	2/13/2017	471.55	25.38	446.17	NA	NA
	5/2/2017	471.55	23.30	448.25	18.50	408.67
	8/23/2017	471.55	27.11	444.44	3.86	423.31
	11/9/2017	471.55	27.49	444.06	6.70	420.47
	3/8/2018	471.55	25.56	445.99	19.72	407.45
	5/17/2018	471.55	25.64	445.91	9.93	417.24
	8/8/2018	471.55	27.19	444.36	2.13	425.04
	10/31/2018	471.55	27.72	443.83	4.76	422.41
	2/25/2019	471.55	23.60	447.95	16.74	410.43
	4/29/2019	471.55	22.97	448.58	14.04	413.13
	8/26/2019	471.55	25.50	446.05	3.61	423.56
	11/11/2019	471.55	23.10	448.45	15.92	411.25
	2/24/2020	471.55	23.59	447.96	12.84	414.33
	4/27/2020	471.55	23.50	448.05	12.64	414.53
	8/10/2020	471.55	24.70	446.85	4.38	422.79
	12/7/2020	471.55	27.69	443.86	2.97	424.2
	2/22/2021	471.55	27.60	443.95	6.21	420.96
	5/10/2021	471.55	26.25	445.30	10.71	416.46
	8/23/2021	471.55	26.20	445.35	3.49	423.68
	11/29/2021	471.55	25.71	445.84	5.17	422
	2/7/2022	471.55	27.52	444.03	4.40	422.77
	6/6/2022	471.55	24.50	447.05	8.21	418.96
	8/29/2022	471.55	27.91	443.64	2.55	424.62
	11/14/2022	471.55	29.34	442.21	3.20	423.97
	2/20/2023	471.55	29.92	441.63	7.60	419.57
	5/15/2023	471.55	26.66	444.89	8.78	418.39
	8/28/2023	471.55	29.30	442.25	3.26	423.91
	11/6/2023	471.55	30.04	441.51	3.65	423.52
	01/24/24	471.56	26.24	445.32	12.92	440.09
	02/19/24	471.56	20.33	451.23	12.74	439.91
	03/26/24	471.56	26.92	444.64	10.10	437.27
	04/12/24	471.56	26.24	445.32	16.79	443.96
	05/15/24	471.56	24.32	447.24	15.90	443.07
	06/17/24	471.56	25.41	446.15	12.03	439.2
	07/25/24	471.56	26.50	445.06	12.63	439.8
	08/21/24	471.56	27.41	444.15	11.76	438.93
	09/09/24	471.56	28.24	443.32	11.82	438.99
	10/29/24	471.56	29.54	442.02	2.16	429.33
	11/18/24	471.56	29.46	442.1	4.14	431.31
	12/10/24	471.56	29.74	441.82	2.80	429.97
01/07/25	471.56	29.7	441.86	5.95	433.12	
2/24/2025	471.56	30.15	441.41	2.98	430.15	
03/28/25	471.56	28.98	442.58	7.45	434.62	
4/24/2025	471.56	28.37	443.19	7.68	434.85	
5/19/2025	471.56	28.93	442.63	4.38	431.55	
6/27/2025	471.56	28.45	443.11	6.52	433.69	
7/22/2025	471.56	29.26	442.30	5.66	432.83	
8/11/2025	471.56	29.5	442.06	3.41	430.58	
9/16/2025	471.56	30.37	441.19	2.17	429.34	
10/21/2025	471.56	31.01	440.55	2.58	429.75	
11/10/2025	471.56	31.07	440.49	3.60	430.77	
12/18/2025	471.56	31.21	440.35	2.93	430.10	

Table 3. Groundwater Elevations for CCR Permit Wells and Piezometers - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-01 down-gradient	11/16/2015	465.24	26.04	439.20	4.38	431.55
	2/22/2016	465.24	21.90	443.34	7.97	435.14
	5/16/2016	465.24	21.83	443.41	14.53	441.7
	8/15/2016	465.24	23.89	441.35	7.11	434.28
	11/14/2016	465.24	23.38	441.86	6.35	433.52
	2/13/2017	465.24	21.71	443.53	NA	NA
	5/1/2017	465.24	18.87	446.37	17.09	444.26
	6/20/2017	465.24	21.54	443.70	11.93	439.1
	8/25/2017	465.24	24.70	440.54	3.86	431.03
	11/8/2017	465.24	24.92	440.32	6.89	434.06
	5/17/2018	465.24	22.66	442.58	9.93	437.1
	8/8/2018	465.24	26.05	439.19	2.13	429.3
	10/30/2018	465.24	24.69	440.55	4.21	431.38
	4/29/2019	465.24	20.15	445.09	14.04	441.21
	11/11/2019	465.24	19.49	445.75	15.92	443.09
	4/27/2020	465.24	20.90	444.34	12.64	439.81
	12/7/2020	465.24	25.69	439.55	2.97	430.14
	2/22/2021	465.24	25.18	440.06	6.21	433.38
	4/7/2021	465.24	22.20	443.04	10.23	437.4
	5/10/2021	465.24	23.41	441.83	10.71	437.88
	6/2/2021	465.24	22.00	443.24	10.7	437.87
	6/28/2021	465.24	23.18	442.06	12.11	439.28
	7/19/2021	465.24	20.43	444.81	15.06	442.23
	8/23/2021	465.24	24.42	440.82	3.49	430.66
	9/30/2021	465.24	26.89	438.35	2.49	429.66
	10/27/2021	465.24	24.53	440.71	13.08	440.25
	11/29/2021	465.24	23.31	441.93	5.17	432.34
	12/30/2021	465.24	24.31	440.93	6.68	433.85
	1/6/2022	465.24	24.86	440.38	6.45	433.62
	2/7/2022	465.24	25.57	439.67	4.4	431.57
	3/1/2022	465.24	21.96	443.28	16.04	443.21
	4/22/2022	465.24	20.03	445.21	NA	NA
	5/24/2022	465.24	21.37	443.87	11.42	438.59
	6/6/2022	465.24	22.13	443.11	8.21	435.38
	7/25/2022	465.24	25.48	439.76	5.36	432.53
	8/29/2022	465.24	27.53	437.71	2.55	429.72
	9/28/2022	465.24	28.58	436.66	2.37	429.54
	10/26/2022	465.24	29.75	435.49	4.36	431.53
	11/14/2022	465.24	29.58	435.66	3.2	430.37
	12/28/2022	465.24	26.63	438.61	NA	NA
	1/24/2023	465.24	27.91	437.33	7.29	434.46
	2/20/2023	465.24	26.94	438.30	7.6	434.77
	3/28/2023	465.24	21.74	443.50	14.9	442.07
	4/25/2023	465.24	22.22	443.02	9.4	436.57
	5/15/2023	465.24	23.91	441.33	8.78	435.95
	6/26/2023	465.24	28.66	436.58	2.42	429.59
	7/25/2023	465.24	28.06	437.18	3.67	430.84
	8/28/2023	465.24	28.85	436.39	3.26	430.43
	9/28/2023	465.24	29.42	435.82	3.35	430.52
	10/27/2023	465.24	29.16	436.08	3.98	431.15
11/6/2023	465.24	29.23	436.01	3.65	430.82	
12/21/2023	465.24	29.21	436.03	6.12	433.29	
1/24/2024	465.24	25.03	440.21	12.92	440.09	
2/19/2024	465.24	21.02	444.22	12.74	439.91	
3/26/2024	465.24	23.38	441.86	10.10	437.27	
4/12/2024	465.24	20.9	444.34	16.79	443.96	
5/15/2024	465.24	19.9	445.34	15.90	443.07	
6/17/2024	465.24	23.31	441.93	12.03	439.2	
7/25/2024	465.24	23.94	441.30	12.63	439.8	
8/21/2024	465.24	26.36	438.88	11.76	438.93	
9/9/2024	465.24	28.58	436.66	11.82	438.99	
10/25/2024	465.24	29.54	435.70	2.16	429.33	
11/18/2024	465.24	29.19	436.05	4.14	431.31	
12/10/2024	465.24	29.55	435.69	2.8	429.97	
1/7/2025	465.24	28.63	436.61	5.95	433.12	
2/24/2025	465.24	29.84	435.40	2.98	430.15	
3/28/2025	465.24	26.35	438.89	7.45	434.62	
4/24/2025	465.24	24.67	440.57	7.68	434.85	
5/19/2025	465.24	27.96	437.28	4.38	431.55	
6/27/2025	465.24	24.78	440.46	6.52	433.69	
7/22/2025	465.24	28.7	436.54	5.66	432.83	
8/11/2025	465.24	29.11	436.13	3.41	430.58	
9/16/2025	465.24	30.19	435.05	2.17	429.34	
10/21/2025	465.24	30.90	434.34	2.58	429.75	
11/10/2025	465.24	30.52	434.72	3.60	430.77	
12/18/2025	465.24	30.47	434.77	2.93	430.10	

Table 3. Groundwater Elevations for CCR Permit Wells and Piezometers - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-02 down-gradient	6/20/2017	462.60	22.04	440.56	11.93	439.1
	8/23/2017	462.60	28.42	434.18	3.86	431.03
	11/7/2017	462.60	26.08	436.52	6.89	434.06
	5/17/2018	462.60	23.26	439.34	9.93	437.1
	8/7/2018	462.60	29.70	432.90	2.13	429.3
	10/30/2018	462.60	26.77	435.83	4.21	431.38
	2/25/2019	462.60	17.02	445.58	16.74	443.91
	4/29/2019	462.60	19.26	443.34	14.04	441.21
	8/26/2019	462.60	27.45	435.15	3.61	430.78
	2/24/2020	462.60	20.35	442.25	12.84	440.01
	4/27/2020	462.60	20.51	442.09	12.64	439.81
	12/7/2020	462.60	28.71	433.89	2.97	430.14
	2/22/2021	462.60	25.90	436.70	6.21	433.38
	4/7/2021	462.60	21.95	440.65	10.23	437.4
	5/10/2021	462.60	23.01	439.59	10.71	437.88
	6/2/2021	462.60	21.74	440.86	10.7	437.87
	6/28/2021	462.60	22.24	440.36	12.11	439.28
	7/19/2021	462.60	18.66	443.94	15.06	442.23
	8/23/2021	462.60	27.95	434.65	3.49	430.66
	9/30/2021	462.60	30.44	432.16	2.49	429.66
	10/27/2021	462.60	22.74	439.86	13.08	440.25
	11/29/2021	462.60	25.57	437.03	5.17	432.34
	12/30/2021	462.60	25.11	437.49	6.68	433.85
	1/6/2022	462.60	24.96	437.64	6.45	433.62
	2/7/2022	462.60	27.47	435.13	4.4	431.57
	3/1/2022	462.60	18.06	444.54	16.04	443.21
	4/22/2022	462.60	18.63	443.97	NA	NA
	5/24/2022	462.60	21.44	441.16	11.42	438.59
	6/6/2022	462.60	21.14	441.46	8.21	435.38
	7/25/2022	462.60	29.28	433.32	5.36	432.53
	8/29/2022	462.60	30.28	432.32	2.55	429.72
	9/28/2022	462.60	31.81	430.79	2.37	429.54
	10/26/2022	462.60	32.84	429.76	4.36	431.53
	11/14/2022	462.60	32.03	430.57	3.2	430.37
	12/28/2022	462.60	29.35	433.25	NA	NA
	1/24/2023	462.60	28.25	434.35	7.29	434.46
	2/20/2023	462.60	27.12	435.48	7.6	434.77
	3/28/2023	462.60	19.46	443.14	14.9	442.07
	4/25/2023	462.60	22.50	440.10	9.4	436.57
	5/15/2023	462.60	24.26	438.34	8.78	435.95
	6/26/2023	462.60	31.12	431.48	2.42	429.59
	7/25/2023	462.60	30.16	432.44	3.67	430.84
	8/28/2023	462.60	31.25	431.35	3.26	430.43
	9/27/2023	462.60	31.46	431.14	3.35	430.52
	10/27/2023	462.60	30.02	432.58	3.98	431.15
	11/6/2023	462.60	30.52	432.08	3.65	430.82
	12/21/2023	462.60	30.44	432.16	6.12	433.29
	1/24/2024	462.60	21.69	440.91	12.92	440.09
	2/19/2024	462.60	20.33	442.27	12.74	439.91
	3/26/2024	462.60	22.91	439.69	10.10	437.27
	4/12/2024	462.60	17.11	445.49	16.79	443.96
	5/15/2024	462.60	17.68	444.92	15.90	443.07
	6/17/2024	462.60	25.79	436.81	12.03	439.2
	7/25/2024	462.60	23.13	439.47	12.63	439.8
	8/21/2024	462.60	29.40	433.20	11.76	438.93
	9/9/2024	462.60	31.72	430.88	11.82	438.99
	10/29/2024	462.60	31.04	431.56	2.16	429.33
11/18/2024	462.60	30.77	431.83	4.14	431.31	
12/10/2024	462.60	31.32	431.28	2.8	429.97	
1/7/2025	462.60	28.38	434.22	5.95	433.12	
2/24/2025	462.60	31.51	431.09	2.98	430.15	
3/28/2025	462.60	25.47	437.13	7.45	434.62	
4/24/2025	462.60	25.01	437.59	7.68	434.85	
5/19/2025	462.60	29.86	432.74	4.38	431.55	
6/27/2025	462.60	26.42	436.18	6.52	433.69	
7/22/2025	462.60	30.86	431.74	5.66	432.83	
8/11/2025	462.60	31.46	431.14	3.41	430.58	
9/16/2025	462.60	32.62	429.98	2.17	429.34	
10/21/2025	462.60	33.02	429.58	2.58	429.75	
11/10/2025	462.60	31.38	431.22	3.60	430.77	
12/18/2025	462.60	31.51	431.09	2.93	430.10	

Table 3. Groundwater Elevations for CCR Permit Wells and Piezometers - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-03 down-gradient	6/20/2017	462.48	22.31	440.17	11.93	439.1
	8/23/2017	462.48	28.18	434.30	3.86	431.03
	11/7/2017	462.48	25.38	437.10	6.89	434.06
	5/17/2018	462.48	22.62	439.86	9.93	437.1
	8/7/2018	462.48	29.17	433.31	2.13	429.3
	10/30/2018	462.48	24.71	437.77	4.21	431.38
	2/25/2019	462.48	17.20	445.28	16.74	443.91
	4/29/2019	462.48	18.85	443.63	14.04	441.21
	8/26/2019	462.48	27.65	434.83	3.61	430.78
	2/24/2020	462.48	20.18	442.30	12.84	440.01
	4/27/2020	462.48	20.43	442.05	12.64	439.81
	12/7/2020	462.48	28.61	433.87	2.97	430.14
	2/22/2021	462.48	23.48	439.00	6.21	433.38
	4/7/2021	462.48	21.73	440.75	10.23	437.4
	5/10/2021	462.48	22.98	439.50	10.71	437.88
	6/2/2021	462.48	21.53	440.95	10.7	437.87
	6/28/2021	462.48	21.98	440.50	12.11	439.28
	7/19/2021	462.48	18.35	444.13	15.06	442.23
	8/23/2021	462.48	27.85	434.63	3.49	430.66
	9/30/2021	462.48	30.32	432.16	2.49	429.66
	10/27/2021	462.48	22.34	440.14	13.08	440.25
	11/29/2021	462.48	22.86	439.62	5.17	432.34
	12/30/2021	462.48	23.14	439.34	6.68	433.85
	1/6/2022	462.48	23.13	439.34	6.45	433.62
	2/7/2022	462.48	24.08	438.40	4.4	431.57
	3/1/2022	462.48	18.92	443.56	16.04	443.21
	4/22/2022	462.48	17.98	444.50	NA	NA
	5/24/2022	462.48	21.14	441.34	11.42	438.59
	6/6/2022	462.48	22.50	439.98	8.21	435.38
	7/25/2022	462.48	29.11	433.37	5.36	432.53
	8/29/2022	462.48	30.31	432.17	2.55	429.72
	9/28/2022	462.48	32.27	430.21	2.37	429.54
	10/26/2022	462.48	33.83	428.65	4.36	431.53
	11/14/2022	462.48	33.51	428.97	3.2	430.37
	12/28/2022	462.48	30.21	432.27	NA	NA
	1/24/2023	462.48	30.19	432.29	7.29	434.46
	2/20/2023	462.48	28.45	434.03	7.6	434.77
	3/28/2023	462.48	19.55	442.93	14.9	442.07
	4/25/2023	462.48	22.15	440.33	9.4	436.57
	5/15/2023	462.48	23.46	439.02	8.78	435.95
	6/26/2023	462.48	31.47	431.01	2.42	429.59
	7/25/2023	462.48	30.42	432.06	3.67	430.84
	8/28/2023	462.48	31.29	431.19	3.26	430.43
	9/27/2023	462.48	32.32	430.16	3.35	430.52
	10/27/2023	462.48	31.72	430.76	3.98	431.15
	11/6/2023	462.48	31.45	431.03	3.65	430.82
	12/21/2023	462.48	31.50	430.98	6.12	433.29
	1/24/2024	462.48	21.49	440.99	12.92	440.09
	2/19/2024	462.48	19.10	443.38	12.74	439.91
	3/26/2024	462.48	22.72	439.76	10.10	437.27
	4/12/2024	462.48	17.92	444.56	16.79	443.96
	5/15/2024	462.48	17.37	445.11	15.90	443.07
	6/17/2024	462.48	25.51	436.97	12.03	439.2
	7/25/2024	462.48	23.52	438.96	12.63	439.8
	8/21/2024	462.48	28.38	434.10	11.76	438.93
	9/9/2024	462.48	31.53	430.95	11.82	438.99
	10/29/2024	462.48	32.31	430.17	2.16	429.33
	11/18/2024	462.48	31.65	430.83	4.14	431.31
12/10/2024	462.48	31.85	430.63	2.8	429.97	
1/7/2025	462.48	31.36	431.12	5.95	433.12	
2/24/2025	462.48	32.02	430.46	2.98	430.15	
3/28/2025	462.48	26.06	436.42	7.45	434.62	
4/24/2025	462.48	24.57	437.91	7.68	434.85	
5/19/2025	462.48	29.64	432.84	4.38	431.55	
6/27/2025	462.48	25.40	437.08	6.52	433.69	
7/22/2025	462.48	31.00	431.48	5.66	432.83	
8/11/2025	462.48	31.70	430.78	3.41	430.58	
9/16/2025	462.48	32.70	429.78	2.17	429.34	
10/21/2025	462.48	34.06	428.42	2.58	429.75	
11/10/2025	462.48	33.25	429.23	3.60	430.77	
12/18/2025	462.48	32.79	429.69	2.93	430.10	

Table 3. Groundwater Elevations for CCR Permit Wells and Piezometers - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-04 down-gradient	6/20/2017	460.57	22.15	438.42	11.93	439.1
	8/28/2017	460.57	28.49	432.08	3.86	431.03
	11/7/2017	460.57	25.62	434.95	6.89	434.06
	5/17/2018	460.57	24.13	436.44	9.93	437.1
	8/7/2018	460.57	29.23	431.34	2.13	429.3
	10/30/2018	460.57	26.58	433.99	4.21	431.38
	2/25/2019	460.57	15.45	445.12	16.74	443.91
	4/29/2019	460.57	15.88	444.69	14.04	441.21
	8/26/2019	460.57	27.35	433.22	3.61	430.78
	2/24/2020	460.57	19.81	440.76	12.84	440.01
	4/27/2020	460.57	19.76	440.81	12.64	439.81
	12/7/2020	460.57	28.50	432.07	2.97	430.14
	2/22/2021	460.57	26.44	434.13	6.21	433.38
	4/7/2021	460.57	21.90	438.67	10.23	437.4
	5/10/2021	460.57	23.92	436.65	10.71	437.88
	6/2/2021	460.57	21.41	439.16	10.7	437.87
	6/28/2021	460.57	22.40	438.17	12.11	439.28
	7/19/2021	460.57	17.22	443.35	15.06	442.23
	8/23/2021	460.57	27.81	432.76	3.49	430.66
	9/30/2021	460.57	30.01	430.56	2.49	429.66
	10/27/2021	460.57	22.29	438.28	13.08	440.25
	11/29/2021	460.57	25.83	434.74	5.17	432.34
	12/30/2021	460.57	25.79	434.78	6.68	433.85
	1/6/2022	460.57	25.30	435.27	6.45	433.62
	2/7/2022	460.57	27.95	432.62	4.4	431.57
	3/1/2022	460.57	16.63	443.94	16.04	443.21
	4/22/2022	460.57	16.81	443.76	NA	NA
	5/24/2022	460.57	20.89	439.68	11.42	438.59
	6/6/2022	460.57	22.89	437.68	8.21	435.38
	7/25/2022	460.57	29.18	431.39	5.36	432.53
	8/29/2022	460.57	29.71	430.86	2.55	429.72
	9/28/2022	460.57	31.42	429.15	2.37	429.54
	10/26/2022	460.57	32.38	428.19	4.36	431.53
	11/14/2022	460.57	32.80	427.77	3.2	430.37
	12/28/2022	460.57	29.21	431.36	NA	NA
	1/24/2023	460.57	27.79	432.78	7.29	434.46
	2/20/2023	460.57	26.46	434.11	7.6	434.77
	3/28/2023	460.57	17.49	443.08	14.9	442.07
	4/25/2023	460.57	22.01	438.56	9.4	436.57
	5/15/2023	460.57	24.29	436.28	8.78	435.95
	6/26/2023	460.57	30.13	430.44	2.42	429.59
	7/25/2023	460.57	29.88	430.69	3.67	430.84
	8/28/2023	460.57	30.60	429.97	3.26	430.43
	9/27/2023	460.57	30.90	429.67	3.35	430.52
	10/27/2023	460.57	28.72	431.85	3.98	431.15
	11/6/2023	460.57	29.99	430.58	3.65	430.82
	12/21/2023	460.57	30.02	430.55	6.12	433.29
	1/24/2024	460.57	21.07	439.50	12.92	440.09
	2/19/2024	460.57	18.39	442.18	12.74	439.91
	3/26/2024	460.57	22.53	438.04	10.10	437.27
4/12/2024	460.57	15.44	445.13	16.79	443.96	
5/15/2024	460.57	15.82	444.75	15.90	443.07	
6/17/2024	460.57	25.68	434.89	12.03	439.2	
7/25/2024	460.57	23.30	437.27	12.63	439.8	
8/21/2024	460.57	29.40	431.17	11.76	438.93	
9/9/2024	460.57	31.19	429.38	11.82	438.99	
10/29/2024	460.57	29.89	430.68	2.16	429.33	
11/18/2024	460.57	29.98	430.59	4.14	431.31	
12/10/2024	460.57	30.51	430.06	2.8	429.97	
1/7/2025	460.57	27.68	432.89	5.95	433.12	
2/24/2025	460.57	30.76	429.81	2.98	430.15	
3/28/2025	460.57	24.88	435.69	7.45	434.62	
4/24/2025	460.57	25.48	435.09	7.68	434.85	
5/19/2025	460.57	29.17	431.40	4.38	431.55	
6/27/2025	460.57	26.67	433.90	6.52	433.69	
7/22/2025	460.57	30.54	430.03	5.66	432.83	
8/11/2025	460.57	30.98	429.59	3.41	430.58	
9/16/2025	460.57	31.89	428.68	2.17	429.34	
10/21/2025	460.57	32.32	428.25	2.58	429.75	
11/10/2025	460.57	29.88	430.69	3.60	430.77	
12/18/2025	460.57	30.50	430.07	2.93	430.10	

Table 3. Groundwater Elevations for CCR Permit Wells and Piezometers - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-05 down-gradient	11/16/2015	458.58	26.39	432.19	4.38	431.55
	2/22/2016	458.66	21.12	437.54	7.97	435.14
	5/16/2016	458.66	16.58	442.08	14.53	441.7
	8/15/2016	458.66	23.59	435.07	7.11	434.28
	11/14/2016	458.66	22.72	435.94	6.35	433.52
	2/13/2017	458.66	19.13	439.53	NA	NA
	5/1/2017	458.66	13.09	445.57	17.09	444.26
	6/20/2017	458.66	19.43	439.15	11.93	439.1
	8/28/2017	458.66	25.38	433.20	3.86	431.03
	11/7/2017	458.66	22.91	435.67	6.89	434.06
	5/17/2018	458.66	21.54	437.04	9.93	437.1
	8/7/2018	458.66	26.17	432.41	2.13	429.3
	10/30/2018	458.66	23.97	434.61	4.21	431.38
	2/25/2019	458.66	13.21	445.45	16.74	443.91
	4/29/2019	458.66	15.40	443.26	14.04	441.21
	8/26/2019	458.66	24.35	434.31	3.61	430.78
	2/24/2020	458.66	17.25	441.41	12.84	440.01
	4/27/2020	458.66	17.41	441.25	12.64	439.81
	12/7/2020	458.66	25.65	433.01	2.97	430.14
	2/22/2021	458.66	23.82	434.84	6.21	433.38
	4/7/2021	458.66	19.40	439.26	10.23	437.4
	5/10/2021	458.66	21.38	437.28	10.71	437.88
	6/2/2021	458.66	18.99	439.67	10.7	437.87
	6/28/2021	458.66	22.20	436.46	12.11	439.28
	7/19/2021	458.66	14.98	443.68	15.06	442.23
	8/23/2021	458.66	24.85	433.81	3.49	430.66
	9/30/2021	458.66	26.98	431.68	2.49	429.66
	10/27/2021	458.66	20.00	438.66	13.08	440.25
	11/29/2021	458.66	23.13	435.53	5.17	432.34
	12/30/2021	458.66	23.20	435.46	6.68	433.85
	1/6/2022	458.66	22.80	435.86	6.45	433.62
	2/7/2022	458.66	25.22	433.44	4.4	431.57
	3/1/2022	458.66	14.52	444.14	16.04	443.21
	4/22/2022	458.66	14.59	444.07	NA	NA
	5/24/2022	458.66	18.32	440.34	11.42	438.59
	6/6/2022	458.66	17.06	441.60	8.21	435.38
	7/25/2022	458.66	26.02	432.64	5.36	432.53
	8/29/2022	458.66	26.70	431.96	2.55	429.72
	9/28/2022	458.66	28.10	430.56	2.37	429.54
	10/26/2022	458.66	28.96	429.70	4.36	431.53
	11/14/2022	458.66	28.44	430.22	3.2	430.37
	12/28/2022	458.66	26.04	432.62	NA	NA
	1/24/2023	458.66	24.93	433.73	7.29	434.46
	2/20/2023	458.66	23.72	434.94	7.6	434.77
	3/28/2023	458.66	16.49	442.17	14.9	442.07
	4/25/2023	458.66	19.50	439.16	9.4	436.57
	5/15/2023	458.66	21.71	436.95	8.78	435.95
	6/26/2023	458.66	27.11	431.55	2.42	429.59
	7/25/2023	458.66	26.76	431.90	3.67	430.84
	8/28/2023	458.66	27.46	431.20	3.26	430.43
9/27/2023	458.66	27.73	430.93	3.35	430.52	
10/27/2023	458.66	26.00	432.66	3.98	431.15	
11/6/2023	458.66	26.98	431.68	3.65	430.82	
12/21/2023	458.66	26.91	431.75	6.12	433.29	
1/24/2024	458.66	18.87	439.79	12.92	440.09	
2/19/2024	458.66	15.88	442.78	12.74	439.91	
3/26/2024	458.66	19.99	438.67	10.10	437.27	
4/12/2024	458.66	13.35	445.31	16.79	443.96	
5/15/2024	458.66	13.73	444.93	15.90	443.07	
6/17/2024	458.66	22.64	436.02	12.03	439.2	
7/25/2024	458.66	20.59	438.07	12.63	439.8	
8/21/2024	458.66	26.17	432.49	11.76	438.93	
9/9/2024	458.66	27.95	430.71	11.82	438.99	
10/29/2024	458.66	27.05	431.61	2.16	429.33	
11/18/2024	458.66	26.98	431.68	4.14	431.31	
12/10/2024	458.66	27.51	431.15	2.8	429.97	
1/7/2025	458.66	25.01	433.65	5.95	433.12	
2/24/2025	458.66	27.79	430.87	2.98	430.15	
3/28/2025	458.66	22.38	436.28	7.45	434.62	
4/24/2025	458.66	22.79	435.87	7.68	434.85	
5/19/2025	458.66	26.22	432.44	4.38	431.55	
6/27/2025	458.66	23.88	434.78	6.52	433.69	
7/22/2025	458.66	27.40	431.26	5.66	432.83	
8/11/2025	458.66	27.77	430.89	3.41	430.58	
9/16/2025	458.66	28.66	430.00	2.17	429.34	
10/21/2025	458.66	29.04	429.62	2.58	429.75	
11/10/2025	458.66	27.07	431.59	3.60	430.77	
12/18/2025	458.66	27.61	431.05	2.93	430.10	

Table 3. Groundwater Elevations for CCR Permit Wells and Piezometers - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-07 down-gradient	5/11/2015	463.23	24.40	438.83	11.61	438.78
	8/18/2015	463.23	27.13	436.10	4.62	431.79
	11/16/2015	463.23	30.43	432.80	4.38	431.55
	2/22/2016	463.27	25.68	437.59	7.97	435.14
	5/16/2016	463.27	20.96	442.31	14.53	441.7
	8/15/2016	463.27	27.63	435.64	7.11	434.28
	11/14/2016	463.27	26.98	436.29	6.35	433.52
	2/13/2017	463.27	23.46	439.81	NA	NA
	5/2/2017	463.27	17.78	445.49	17.09	444.26
	8/24/2017	463.27	29.15	434.12	3.86	431.03
	11/8/2017	463.27	27.10	436.17	6.89	434.06
	3/6/2018	463.27	13.96	449.31	20.43	447.6
	5/18/2018	463.27	25.87	437.40	9.93	437.1
	8/10/2018	463.27	30.12	433.15	2.13	429.3
	10/29/2018	463.27	28.37	434.90	4.21	431.38
	2/25/2019	463.27	17.88	445.39	16.74	443.91
	4/29/2019	463.27	19.98	443.29	14.04	441.21
	8/26/2019	463.27	28.54	434.73	3.61	430.78
	11/11/2019	463.27	18.14	445.13	15.92	443.09
	2/24/2020	463.27	21.64	441.63	12.84	440.01
	4/27/2020	463.27	21.90	441.37	12.64	439.81
	8/10/2020	463.27	27.15	436.12	3.49	430.66
	12/7/2020	463.27	29.84	433.43	2.97	430.14
	2/22/2021	463.27	28.09	435.18	6.21	433.38
	5/10/2021	463.27	25.54	437.73	10.71	437.88
	8/23/2021	463.27	28.92	434.35	3.49	430.66
	11/29/2021	463.27	27.40	435.87	5.17	432.34
	2/7/2022	463.27	29.37	433.90	4.40	431.57
	6/6/2022	463.27	24.65	438.62	8.21	435.38
	8/29/2022	463.27	30.79	432.48	2.55	429.72
	11/14/2022	463.27	32.16	431.11	3.20	430.37
	2/20/2023	463.27	27.81	435.46	7.60	434.77
	5/15/2023	463.27	25.94	437.33	8.78	435.95
	8/28/2023	463.27	31.22	432.05	3.26	430.43
	11/6/2023	463.27	30.90	432.37	3.65	430.82
	1/24/2024	463.27	23.13	440.14	12.92	440.09
	2/19/2024	463.27	20.57	442.70	12.74	439.91
	3/26/2024	463.27	24.27	439.00	10.10	437.27
	4/12/2024	463.27	17.99	445.28	16.79	443.96
	5/15/2024	463.27	18.31	444.96	15.9	443.07
	6/17/2024	463.27	26.64	436.63	12.03	439.2
	7/25/2024	463.27	24.59	438.68	12.63	439.8
	8/21/2024	463.27	30.00	433.27	11.76	438.93
	9/9/2024	463.27	31.78	431.49	11.82	438.99
	10/29/2024	463.27	31.16	432.11	2.16	429.33
	11/18/2024	463.27	30.92	432.35	4.14	431.31
	12/10/2024	463.27	31.48	431.79	2.8	429.97
1/7/2025	463.27	29.19	434.08	5.95	433.12	
2/24/2025	463.27	31.76	431.51	2.98	430.15	
3/28/2025	463.27	26.64	436.63	7.45	434.62	
4/24/2025	463.27	26.28	436.99	7.68	434.85	
5/19/2025	463.27	30.18	433.09	4.38	431.55	
6/27/2025	463.27	28.04	435.23	6.52	433.69	
7/22/2025	463.27	31.20	432.07	5.66	432.83	
8/11/2025	463.27	31.59	431.68	3.41	430.58	
9/16/2025	463.27	32.46	430.81	2.17	429.34	
10/21/2025	463.27	32.78	430.49	2.58	429.75	
11/10/2025	463.27	31.15	432.12	3.60	430.77	
12/18/2025	463.27	31.64	431.63	2.93	430.10	

Table 3. Groundwater Elevations for CCR Permit Wells and Piezometers - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-09 up-gradient	11/16/2015	469.14	26.07	443.07	4.38	431.55
	2/22/2016	469.14	22.83	446.31	7.97	435.14
	5/16/2016	469.14	23.06	446.08	14.53	441.7
	8/15/2016	469.14	24.50	444.64	7.11	434.28
	11/14/2016	469.14	24.33	444.81	6.35	433.52
	2/13/2017	469.14	23.43	445.71	NA	NA
	5/1/2017	469.14	20.77	448.37	17.09	444.26
	6/20/2017	469.14	22.15	446.99	11.93	439.1
	8/25/2017	469.14	24.79	444.35	3.86	431.03
	11/8/2017	469.14	25.74	443.40	6.89	434.06
	5/16/2018	469.14	23.89	445.25	9.93	437.1
	8/8/2018	469.14	25.49	443.65	2.13	429.3
	11/1/2018	469.14	26.02	443.12	4.21	431.38
	4/29/2019	469.14	21.30	447.84	14.04	441.21
	11/11/2019	469.14	21.31	447.83	15.92	443.09
	4/27/2020	469.14	21.80	447.34	12.64	439.81
	12/7/2020	469.14	26.19	442.95	2.97	430.14
	2/22/2021	469.14	26.08	443.06	6.21	433.38
	4/7/2021	469.14	23.75	445.39	10.23	437.4
	5/10/2021	469.14	24.55	444.59	10.71	437.88
	6/2/2021	469.14	23.31	445.83	10.7	437.87
	6/28/2021	469.14	24.18	444.96	12.11	439.28
	7/19/2021	469.14	22.20	446.94	15.06	442.23
	8/23/2021	469.14	24.75	444.39	3.49	430.66
	9/30/2021	469.14	26.28	442.86	2.49	429.66
	10/25/2021	469.14	25.42	443.72	13.08	440.25
	11/29/2021	469.14	24.50	444.64	5.17	432.34
	12/30/2021	469.14	25.35	443.79	6.68	433.85
	1/6/2022	469.14	28.11	441.03	6.45	433.62
	2/7/2022	469.14	26.15	442.99	4.4	431.57
	3/1/2022	469.14	23.88	445.26	16.04	443.21
	4/22/2022	469.14	21.75	447.39	NA	NA
	5/24/2022	469.14	22.40	446.74	11.42	438.59
	6/6/2022	469.14	22.95	446.19	8.21	435.38
	7/25/2022	469.14	25.51	443.63	5.36	432.53
	8/29/2022	469.14	26.56	442.58	2.55	429.72
	9/28/2022	469.14	27.52	441.62	2.37	429.54
	10/26/2022	469.14	28.38	440.76	4.36	431.53
	11/14/2022	469.14	28.44	440.70	3.2	430.37
	12/28/2022	469.14	27.96	441.18	NA	NA
	1/24/2023	469.14	27.93	441.21	7.29	434.46
	2/20/2023	469.14	27.62	441.52	7.6	434.77
	3/28/2023	469.14	24.05	445.09	14.9	442.07
	4/25/2023	469.14	23.76	445.38	9.4	436.57
	5/15/2023	469.14	24.90	444.24	8.78	435.95
	6/26/2023	469.14	27.40	441.74	2.42	429.59
	7/25/2023	469.14	27.55	441.59	3.67	430.84
	8/28/2023	469.14	28.00	441.14	3.26	430.43
	9/28/2023	469.14	28.64	440.50	3.35	430.52
	10/27/2023	469.14	28.85	440.29	3.98	431.15
11/6/2023	469.14	28.98	440.16	3.65	430.82	
12/21/2023	469.14	29.12	440.02	6.12	433.29	
1/24/2024	469.14	26.76	442.38	12.92	440.09	
2/19/2024	469.14	23.94	445.20	12.74	439.91	
3/26/2024	469.14	24.98	444.16	10.10	437.27	
4/12/2024	469.14	23.78	445.36	16.79	443.96	
5/15/2024	469.14	22.17	446.97	15.9	443.07	
6/17/2024	469.14	23.87	445.27	12.03	439.2	
7/25/2024	469.14	24.81	444.33	12.63	439.8	
8/21/2024	469.14	26.00	443.14	11.76	438.93	
9/9/2024	469.14	27.13	442.01	11.82	438.99	
10/25/2024	469.14	28.55	440.59	2.16	429.33	
11/18/2024	469.14	28.36	440.78	4.14	431.31	
12/10/2024	469.14	28.73	440.41	2.8	429.97	
1/7/2025	469.14	28.69	440.45	5.95	433.12	
2/24/2025	469.14	29.17	439.97	2.98	430.15	
3/28/2025	469.14	27.47	441.67	7.45	434.62	
4/24/2025	469.14	26.50	442.64	7.68	434.85	
5/19/2025	469.14	27.70	441.44	4.38	431.55	
6/27/2025	469.14	26.60	442.54	6.52	433.69	
7/22/2025	469.14	28.06	441.08	5.66	432.83	
8/11/2025	469.14	28.45	440.69	3.41	430.58	
9/16/2025	469.14	29.26	439.88	2.17	429.34	
10/21/2025	469.14	29.91	439.25	2.58	429.75	
11/10/2025	469.14	29.94	439.20	3.60	430.77	
12/18/2025	469.14	30.11	439.03	2.93	430.10	

Table 3. Groundwater Elevations for CCR Permit Wells and Piezometers - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-10 down-gradient	6/22/2017	457.31	13.46	443.85	NA	NA
	8/24/2017	457.31	16.39	440.92	3.79	430.96
	11/9/2017	457.31	16.86	440.45	6.7	433.87
	5/16/2018	457.31	14.88	442.43	9.67	436.84
	8/8/2018	457.31	17.88	439.43	2.13	429.3
	10/30/2018	457.31	17.04	440.27	4.21	431.38
	2/25/2019	457.31	11.28	446.03	16.74	443.91
	4/29/2019	457.31	11.88	445.43	14.04	441.21
	8/26/2019	457.31	15.89	441.42	3.61	430.78
	2/24/2020	457.31	12.64	444.67	12.84	440.01
	4/27/2020	457.31	12.75	444.56	12.64	439.81
	12/7/2020	457.31	17.80	439.51	2.97	430.14
	2/22/2021	457.31	17.25	440.06	6.21	433.38
	4/7/2021	457.31	14.21	443.10	10.23	437.4
	5/10/2021	457.31	15.58	441.73	10.71	437.88
	6/2/2021	457.31	13.98	443.33	10.7	437.87
	6/28/2021	457.31	15.28	442.03	12.11	439.28
	7/19/2021	457.31	12.30	445.01	15.06	442.23
	8/23/2021	457.31	16.61	440.70	3.49	430.66
	9/30/2021	457.31	18.67	438.64	2.49	429.66
	10/25/2021	457.31	16.23	441.08	10.56	437.73
	11/29/2021	457.31	15.52	441.79	5.17	432.34
	12/30/2021	457.31	16.50	440.81	6.68	433.85
	1/6/2022	457.31	16.82	440.49	6.45	433.62
	2/7/2022	457.31	17.70	439.61	4.4	431.57
	3/1/2022	457.31	13.77	443.54	16.04	443.21
	4/22/2022	457.31	11.80	445.51	NA	NA
	5/24/2022	457.31	13.20	444.11	11.42	438.59
	6/6/2022	457.31	14.07	443.24	8.21	435.38
	7/25/2022	457.31	17.53	439.78	5.36	432.53
	8/29/2022	457.31	19.08	438.23	2.55	429.72
	9/28/2022	457.31	20.16	437.15	2.37	429.54
	10/26/2022	457.31	21.23	436.08	4.36	431.53
	11/14/2022	457.31	21.06	436.25	3.2	430.37
	12/28/2022	457.31	18.71	438.60	NA	NA
	1/24/2023	457.31	19.50	437.81	7.29	434.46
	2/20/2023	457.31	18.65	438.66	7.6	434.77
	3/28/2023	457.31	13.66	443.65	14.9	442.07
	4/25/2023	457.31	14.14	443.17	9.4	436.57
	5/15/2023	457.31	15.90	441.41	8.78	435.95
	6/26/2023	457.31	20.10	437.21	2.42	429.59
	7/25/2023	457.31	19.69	437.62	3.67	430.84
	8/28/2023	457.31	20.38	436.93	3.26	430.43
	9/28/2023	457.31	20.93	436.38	3.35	430.52
	10/27/2023	457.31	20.67	436.64	3.98	431.15
	11/6/2023	457.31	20.81	436.50	3.65	430.82
	12/21/2023	457.31	20.80	436.51	6.12	433.29
	1/24/2024	457.31	16.73	440.58	12.92	440.09
	2/19/2024	457.31	13.05	444.26	12.74	439.91
	3/26/2024	457.31	15.33	441.98	10.10	437.27
4/12/2024	457.31	12.93	444.38	16.79	443.96	
5/15/2024	457.31	11.78	445.53	15.90	443.07	
6/17/2024	457.31	15.18	442.15	12.03	439.2	
7/25/2024	457.31	15.78	441.53	12.63	439.8	
8/21/2024	457.31	18.15	439.16	11.76	438.93	
9/9/2024	457.31	18.15	439.16	11.82	438.99	
10/29/2024	457.31	20.96	436.35	2.16	429.33	
11/18/2024	457.31	20.64	436.67	4.14	431.31	
12/10/2024	457.31	21.01	436.30	2.8	429.97	
1/7/2025	457.31	20.19	437.12	5.95	433.12	
2/24/2025	457.31	21.31	436.00	2.98	430.15	
3/28/2025	457.31	18.11	439.20	7.45	434.62	
4/24/2025	457.31	16.76	440.55	7.68	434.85	
5/19/2025	457.31	19.60	437.71	4.38	431.55	
6/27/2025	457.31	17.14	440.17	6.52	433.69	
7/22/2025	457.31	20.31	437.00	5.66	432.83	
8/11/2025	457.31	20.67	436.64	3.41	430.58	
9/16/2025	457.31	21.64	435.67	2.17	429.34	
10/21/2025	457.31	22.27	435.04	2.58	429.75	
11/10/2025	457.31	21.92	435.39	3.60	430.77	
12/18/2025	457.31	21.95	435.36	2.93	430.10	

Table 3. Groundwater Elevations for CCR Permit Wells and Piezometers - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-11 down-gradient	11/16/2015	471.62	31.67	439.95	4.38	431.55
	2/22/2016	471.62	28.34	443.28	7.97	435.14
	5/16/2016	471.62	27.11	444.51	14.53	441.7
	8/15/2016	471.62	29.64	441.98	7.11	434.28
	11/14/2016	471.62	29.19	442.43	6.35	433.52
	2/13/2017	471.62	27.49	444.13	NA	NA
	5/1/2017	471.62	24.34	447.28	17.09	444.26
	6/20/2017	471.62	26.94	444.68	11.93	439.1
	8/29/2017	471.62	30.42	441.20	3.86	431.03
	11/9/2017	471.62	30.27	441.35	6.89	434.06
	5/16/2018	471.62	28.58	443.04	9.93	437.1
	8/9/2018	471.62	31.04	440.58	2.13	429.3
	11/1/2018	471.62	30.82	440.80	4.21	431.38
	4/29/2019	471.62	25.38	446.24	14.04	441.21
	11/11/2019	471.62	24.88	446.74	15.92	443.09
	4/27/2020	471.62	26.35	445.27	12.64	439.81
	12/7/2020	471.62	31.35	440.27	2.97	430.14
	2/22/2021	471.62	30.78	440.84	6.21	433.38
	4/7/2021	471.62	27.85	443.77	10.23	437.4
	5/10/2021	471.62	29.19	442.43	10.71	437.88
	6/2/2021	471.62	27.57	444.05	10.7	437.87
	6/28/2021	471.62	28.84	442.78	12.11	439.28
	7/19/2021	471.62	25.82	445.80	15.06	442.23
	8/23/2021	471.62	30.10	441.52	3.49	430.66
	9/30/2021	471.62	31.78	439.84	2.49	429.66
	10/25/2021	471.62	30.12	441.50	13.08	440.25
	11/29/2021	471.62	29.40	442.22	5.17	432.34
	12/30/2021	471.62	30.22	441.40	6.68	433.85
	1/6/2022	471.62	30.09	441.53	6.45	433.62
	2/7/2022	471.62	31.19	440.43	4.4	431.57
	3/1/2022	471.62	26.92	444.70	16.04	443.21
	4/22/2022	471.62	25.43	446.19	NA	NA
	5/24/2022	471.62	26.69	444.93	11.42	438.59
	6/6/2022	471.62	27.55	444.07	8.21	435.38
	7/25/2022	471.62	30.77	440.85	5.36	432.53
	8/29/2022	471.62	31.95	439.67	2.55	429.72
	9/28/2022	471.62	32.99	438.63	2.37	429.54
	10/26/2022	471.62	33.86	437.76	4.36	431.53
	11/14/2022	471.62	33.79	437.83	3.2	430.37
	12/28/2022	471.62	32.41	439.21	NA	NA
	1/24/2023	471.62	32.57	439.05	7.29	434.46
	2/20/2023	471.62	31.91	439.71	7.6	434.77
	3/28/2023	471.62	27.32	444.30	14.9	442.07
	4/25/2023	471.62	27.80	443.82	9.4	436.57
	5/15/2023	471.62	29.25	442.37	8.78	435.95
	6/26/2023	471.62	32.81	438.81	2.42	429.59
	7/25/2023	471.62	32.55	439.07	3.67	430.84
	8/28/2023	471.62	33.15	438.47	3.26	430.43
	9/28/2023	471.62	33.76	437.86	3.35	430.52
	10/27/2023	471.62	33.68	437.94	3.98	431.15
11/6/2023	471.62	33.79	437.83	3.65	430.82	
12/21/2023	471.62	33.81	437.81	6.12	433.29	
1/24/2024	471.62	29.99	441.63	12.92	440.09	
2/19/2024	471.62	27.13	444.49	12.74	439.91	
3/26/2024	471.62	28.92	442.70	10.10	437.27	
4/12/2024	471.62	26.50	445.12	16.79	443.96	
5/15/2024	471.62	25.47	446.15	15.9	443.07	
6/17/2024	471.62	28.61	443.01	12.03	439.2	
7/25/2024	471.62	29.00	442.62	12.63	439.8	
8/21/2024	471.62	31.19	440.43	11.76	438.93	
9/9/2024	471.62	32.69	438.93	11.82	438.99	
10/25/2024	471.62	33.73	437.89	2.16	429.33	
11/18/2024	471.62	33.43	438.19	4.14	431.31	
12/10/2024	471.62	33.79	437.83	2.8	429.97	
1/7/2025	471.62	33.24	438.38	5.95	433.12	
2/24/2025	471.62	33.97	437.65	2.98	430.15	
3/28/2025	471.62	22.40	449.22	7.45	434.62	
4/24/2025	471.62	30.49	441.13	7.68	434.85	
5/19/2025	471.62	32.60	439.02	4.38	431.55	
6/27/2025	471.62	30.92	440.70	6.52	433.69	
7/22/2025	471.62	33.18	438.44	5.66	432.83	
8/11/2025	471.62	33.52	438.10	3.41	430.58	
9/16/2025	471.62	34.41	437.21	2.17	429.34	
10/21/2025	471.62	35.02	436.60	2.58	429.75	
11/10/2025	471.62	34.80	436.82	3.60	430.77	
12/18/2025	471.62	34.88	436.74	2.93	430.10	

Table 3. Groundwater Elevations for CCR Permit Wells and Piezometers - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-19 up-gradient	11/14/2016	465.07	22.65	442.42	6.35	433.52
	2/13/2017	465.07	21.27	443.80	NA	NA
	5/1/2017	465.07	18.39	446.68	17.09	444.26
	6/20/2017	465.07	20.44	444.63	11.93	439.1
	8/28/2017	465.07	23.60	441.47	3.86	431.03
	11/9/2017	465.07	23.80	441.27	6.89	434.06
	5/14/2018	465.07	22.08	442.99	9.93	437.1
	8/6/2018	465.07	24.14	440.93	2.13	429.3
	10/29/2018	465.07	24.31	440.76	4.21	431.38
	4/29/2019	465.07	19.12	445.95	14.04	441.21
	11/11/2019	465.07	18.80	446.27	15.92	443.09
	4/27/2020	465.07	19.94	445.13	12.64	439.81
	12/7/2020	465.07	24.63	440.44	2.97	430.14
	2/22/2021	465.07	24.23	440.84	6.21	433.38
	4/7/2021	465.07	21.60	443.47	10.23	437.4
	5/10/2021	465.07	22.75	442.32	10.71	437.88
	6/2/2021	465.07	21.24	443.83	10.7	437.87
	6/28/2021	465.07	22.41	442.66	12.11	439.28
	7/19/2021	465.07	19.75	445.32	15.06	442.23
	8/23/2021	465.07	23.31	441.76	3.49	430.66
	9/30/2021	465.07	24.85	440.22	2.49	429.66
	10/27/2021	465.07	23.36	441.71	13.08	440.25
	11/29/2021	465.07	22.75	442.32	5.17	432.34
	12/30/2021	465.07	23.65	441.42	6.68	433.85
	1/6/2022	465.07	24.04	441.03	6.45	433.62
	2/7/2022	465.07	24.46	440.61	4.4	431.57
	3/1/2022	465.07	21.05	444.02	16.04	443.21
	4/22/2022	465.07	19.34	445.73	NA	NA
	5/24/2022	465.07	20.34	444.73	11.42	438.59
	6/6/2022	465.07	21.05	444.02	8.21	435.38
	7/25/2022	465.07	23.98	441.09	5.36	432.53
	8/29/2022	465.07	25.08	439.99	2.55	429.72
	9/28/2022	465.07	25.97	439.10	2.37	429.54
	10/26/2022	465.07	26.81	438.26	4.36	431.53
	11/14/2022	465.07	26.79	438.28	3.2	430.37
	12/28/2022	465.07	25.95	439.12	NA	NA
	1/24/2023	465.07	25.93	439.14	7.29	434.46
	2/20/2023	465.07	25.29	439.78	7.6	434.77
	3/28/2023	465.07	21.40	443.67	14.9	442.07
	4/25/2023	465.07	21.52	443.55	9.4	436.57
	5/15/2023	465.07	22.94	442.13	8.78	435.95
	6/26/2023	465.07	25.76	439.31	2.42	429.59
	7/25/2023	465.07	25.69	439.38	3.67	430.84
	8/28/2023	465.07	26.24	438.83	3.26	430.43
	9/28/2023	465.07	26.86	438.21	3.35	430.52
	10/27/2023	465.07	26.97	438.10	3.98	431.15
	11/6/2023	465.07	27.07	438.00	3.65	430.82
	12/21/2023	465.07	27.13	437.94	6.12	433.29
	1/24/2024	465.07	23.97	441.10	12.92	440.09
	2/19/2024	465.07	21.30	443.77	12.74	439.91
	3/26/2024	465.07	22.70	442.37	10.10	437.27
	4/12/2024	465.07	20.81	444.26	16.79	443.96
	5/15/2024	465.07	19.52	445.55	15.9	443.07
6/17/2024	465.07	22.02	443.05	12.03	439.2	
7/25/2024	465.07	22.62	442.45	12.63	439.8	
8/21/2024	465.07	24.35	440.72	11.76	438.93	
9/9/2024	465.07	25.57	439.50	11.82	438.99	
10/25/2024	465.07	26.82	438.25	2.16	429.33	
11/18/2024	465.07	26.52	438.55	4.14	431.31	
12/10/2024	465.07	26.92	438.15	2.8	429.97	
1/7/2025	465.07	26.63	438.44	5.95	433.12	
2/24/2025	465.07	27.26	437.81	2.98	430.15	
3/28/2025	465.07	25.10	439.97	7.45	434.62	
4/24/2025	465.07	24.26	440.81	7.68	434.85	
5/19/2025	465.07	25.83	439.24	4.38	431.55	
6/27/2025	465.07	24.58	440.49	6.52	433.69	
7/22/2025	465.07	26.29	438.78	5.66	432.83	
8/11/2025	465.07	26.63	438.44	3.41	430.58	
9/16/2025	465.07	27.50	437.57	2.17	429.34	
10/21/2025	465.07	28.06	437.01	2.58	429.75	
11/10/2025	465.07	28.03	437.04	3.60	430.77	
12/18/2025	465.07	28.20	436.87	2.93	430.10	

Table 3. Groundwater Elevations for CCR Permit Wells and Piezometers - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
MW-21D down-gradient	4/12/2024	469.93	24.76	445.17	16.79	443.96
	5/15/2024	469.93	24.08	445.85	15.9	443.07
	6/17/2024	469.93	29.56	440.37	12.03	439.2
	7/25/2024	469.93	28.95	440.98	12.63	439.8
	8/21/2024	469.93	32.47	437.46	11.76	438.93
	9/9/2024	469.93	33.80	436.13	11.82	438.99
	10/29/2024	469.93	34.34	435.59	2.16	429.33
	11/18/2024	469.93	33.84	436.09	4.14	431.31
	12/10/2024	469.93	34.23	435.70	2.8	429.97
	1/7/2025	469.93	33.31	436.62	5.95	433.12
	2/24/2025	469.93	34.45	435.48	2.98	430.15
	3/28/2025	469.93	31.00	438.93	7.45	434.62
	4/24/2025	469.93	30.75	439.18	7.68	434.85
	5/19/2025	469.93	33.14	436.79	4.38	431.55
	6/27/2025	469.93	31.72	438.21	6.52	433.69
	7/22/2025	469.93	33.65	436.28	5.66	432.83
	8/11/2025	469.93	33.81	436.12	3.41	430.58
	9/16/2025	469.93	34.76	435.17	2.17	429.34
10/21/2025	469.93	35.24	434.69	2.58	429.75	
11/10/2025	469.93	34.88	435.05	3.60	430.77	
12/18/2025	469.93	34.93	435.00	2.93	430.10	
MW-23 up-gradient	4/12/2024	465.03	19.83	445.20	16.79	443.96
	5/15/2024	465.03	18.60	446.43	15.9	443.07
	6/17/2024	465.03	21.23	443.80	12.03	439.2
	7/25/2024	465.03	21.83	443.20	12.63	439.8
	8/21/2024	465.03	23.66	441.37	11.76	438.93
	9/9/2024	465.03	25.05	439.98	11.82	438.99
	10/25/2024	465.03	26.24	438.79	2.16	429.33
	11/18/2024	465.03	25.96	439.07	4.14	431.31
	12/10/2024	465.03	23.36	441.67	2.8	429.97
	1/7/2025	465.03	25.97	439.06	5.95	433.12
	2/24/2025	465.03	26.69	438.34	2.98	430.15
	3/28/2025	465.03	24.33	440.70	7.45	434.62
	4/24/2025	465.03	23.37	441.66	7.68	434.85
	5/19/2025	465.03	25.20	439.83	4.38	431.55
	6/27/2025	465.03	23.67	441.36	6.52	433.69
	7/22/2025	465.03	25.71	439.32	5.66	432.83
	8/11/2025	465.03	26.09	438.94	3.41	430.58
	9/16/2025	465.03	26.94	438.09	2.17	429.34
10/21/2025	465.03	27.55	437.48	2.58	429.75	
11/10/2025	465.03	27.44	437.59	3.60	430.77	
12/18/2025	465.03	27.57	437.46	2.93	430.10	

Table 3. Groundwater Elevations for CCR Permit Wells and Piezometers - Midwest Generation, LLC, Powerton Station, Pekin, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)	Illinois River Gage Reading* (ft above datum)	Illinois River Gage Reading* (ft above MSL)
P-2 up-gradient	04/12/24	463.65	19.12	444.53	16.79	443.96
	5/15/2024	463.65	17.33	446.32	15.9	443.07
	6/17/2024	463.65	18.23	445.42	12.03	439.2
	7/25/2024	463.65	19.73	443.92	12.63	439.8
	8/21/2024	463.65	20.17	443.48	11.76	438.93
	9/9/2024	463.65	20.75	442.90	11.82	438.99
	10/29/2024	463.65	21.68	441.97	2.16	429.33
	11/18/2024	463.65	21.63	442.02	4.14	431.31
	12/10/2024	463.65	21.70	441.95	2.8	429.97
	1/7/2025	463.65	NM	NM	5.95	433.12
	2/24/2025	463.65	21.88	441.77	2.98	430.15
	3/28/2025	463.65	13.53	450.12	7.45	434.62
	4/24/2025	463.65	21.85	441.80	7.68	434.85
	5/19/2025	463.65	DRY	DRY	4.38	431.55
	6/27/2025	463.65	DRY	DRY	6.52	433.69
	7/22/2025	463.65	DRY	DRY	5.66	432.83
	8/11/2025	463.65	DRY	DRY	3.41	430.58
	9/16/2025	463.65	21.93	441.72	2.17	429.34
	10/21/2025	463.65	21.90	441.75	2.58	429.75
	11/10/2025	463.65	13.75	449.90	3.60	430.77
12/18/2025	463.65	13.41	450.24	2.93	430.10	
P-1 down-gradient	4/12/2024	460.08	13.62	446.46	16.79	443.96
	5/15/2024	460.08	13.08	447.00	15.9	443.07
	6/17/2024	460.08	13.46	446.62	12.03	439.2
	7/25/2024	460.08	13.22	446.86	12.63	439.8
	8/21/2024	460.08	13.17	446.91	11.76	438.93
	9/9/2024	460.08	15.32	444.76	11.82	438.99
	10/29/2024	460.08	13.44	446.64	2.16	429.33
	11/18/2024	460.08	13.42	446.66	4.14	431.31
	12/10/2024	460.08	13.98	446.10	2.8	429.97
	1/7/2025	460.08	NM	NM	5.95	433.12
	2/24/2025	460.08	13.27	446.81	2.98	430.15
	3/28/2025	460.08	DRY	DRY	7.45	434.62
	4/24/2025	460.08	13.35	446.73	7.68	434.85
	5/19/2025	460.08	13.08	447.00	4.38	431.55
	6/27/2025	460.08	13.13	446.95	6.52	433.69
	7/22/2025	460.08	13.51	446.57	5.66	432.83
	8/11/2025	460.08	13.67	446.41	3.41	430.58
	9/16/2025	460.08	13.91	446.17	2.17	429.34
	10/21/2025	460.08	13.96	446.12	2.58	429.75
	11/10/2025	460.08	DRY	DRY	3.60	430.77
12/18/2025	460.08	DRY	DRY	2.93	430.10	

Notes: Elevations are in feet above mean sea level and depths are in feet below top of casing.

* - Data obtained from USGS Kingston Mine Gage

MSL - Mean Sea Level

TOC - Top of Casing

BOLD- River elevation above groundwater elevation

Dry - Less than 6" of water in well.

NA - Data not available.

Table 4. Groundwater Flow Direction and Estimated Seepage Velocity/Flow Rate - Powerton Generation Station CCR Permit

DATE	Screened Unit	Groundwater Flow Direction	Kavg (ft/sec)*	Average Hydraulic Gradient (ft/ft)	Porosity (unitless)**	Estimated Seepage Velocity (ft/day)
1/7/2025	Silt/clay	Westerly	3.280E-07	0.0165	0.4	0.0012
1/7/2025	Silt/clay	Easterly	3.280E-07	0.0533	0.4	0.0038
1/7/2025	Sandy	Northeasterly - Northwesterly	1.390E-03	0.0035	0.35	1.21
2/24/2025	Silt/clay	Westerly	3.280E-07	0.0374	0.4	0.0026
2/24/2025	Silt/clay	Easterly	3.280E-07	0.0506	0.4	0.0036
2/24/2025	Sandy	Northeasterly - Northwesterly	1.390E-03	0.0037	0.35	1.29
3/28/2025	Silt/clay	Westerly	3.280E-07	0.0420	0.4	0.0030
3/28/2025	Silt/clay	Easterly	3.280E-07	0.0352	0.4	0.0025
3/28/2025	Sandy	Northeasterly - Northwesterly	1.390E-03	0.0021	0.35	0.73
4/24/2025	Silt/clay	Westerly	3.280E-07	0.0401	0.4	0.0028
4/24/2025	Silt/clay	Easterly	3.280E-07	0.0352	0.4	0.0025
4/24/2025	Sandy	Northeasterly - Northwesterly	1.390E-03	0.0025	0.35	0.86
5/19/2025	Silt/clay	Westerly	3.280E-07	0.0420	0.4	0.0030
5/19/2025	Silt/clay	Easterly	3.280E-07	0.0440	0.4	0.0031
5/19/2025	Sandy	Northeasterly - Northwesterly	1.390E-03	0.0037	0.35	1.26
6/27/2025	Silt/clay	Westerly	3.280E-07	0.0338	0.4	0.0024
6/27/2025	Silt/clay	Easterly	3.280E-07	0.0395	0.4	0.0028
6/27/2025	Sandy	Northeasterly - Northwesterly	1.390E-03	0.0027	0.35	0.94
7/22/2025	Silt/clay	Westerly	3.280E-07	0.0320	0.4	0.0023
7/22/2025	Silt/clay	Easterly	3.280E-07	0.0640	0.4	0.0045
7/22/2025	Sandy	Northeasterly - Northwesterly	1.390E-03	0.0040	0.35	1.38
8/11/2025	Silt/clay	Westerly	3.280E-07	0.0344	0.4	0.0024
8/11/2025	Silt/clay	Easterly	3.280E-07	0.0582	0.4	0.0041
8/11/2025	Sandy	Northeasterly - Northwesterly	1.390E-03	0.0035	0.35	1.22
9/16/2025	Silt/clay	Westerly	3.280E-07	0.0345	0.4	0.0024
9/16/2025	Silt/clay	Easterly	3.280E-07	0.0748	0.4	0.0053
9/16/2025	Sandy	Northeasterly - Northwesterly	1.390E-03	0.0041	0.35	1.41
10/21/2025	Silt/clay	Westerly	3.280E-07	0.0285	0.4	0.0020
10/21/2025	Silt/clay	Easterly	3.280E-07	0.0533	0.4	0.0038
10/21/2025	Sandy	Northeasterly - Northwesterly	1.390E-03	0.0043	0.35	1.49
11/10/2025	Silt/clay	Westerly	3.280E-07	0.0420	0.4	0.0030
11/10/2025	Silt/clay	Easterly	3.280E-07	0.0543	0.4	0.0038
11/10/2025	Sandy	Northeasterly - Northwesterly	1.390E-03	0.0040	0.35	1.37
12/18/2025	Silt/clay	Westerly	3.280E-07	0.0446	0.4	0.0032
12/18/2025	Silt/clay	Easterly	3.280E-07	0.0595	0.4	0.0042
12/18/2025	Sandy	Northeasterly - Northwesterly	1.390E-03	0.0038	0.35	1.30

* Kavg - K values from re-evaluation of slug test data as part of groundwater modeling in support of Application for Construction Permit per Illinois State CCR Rule.

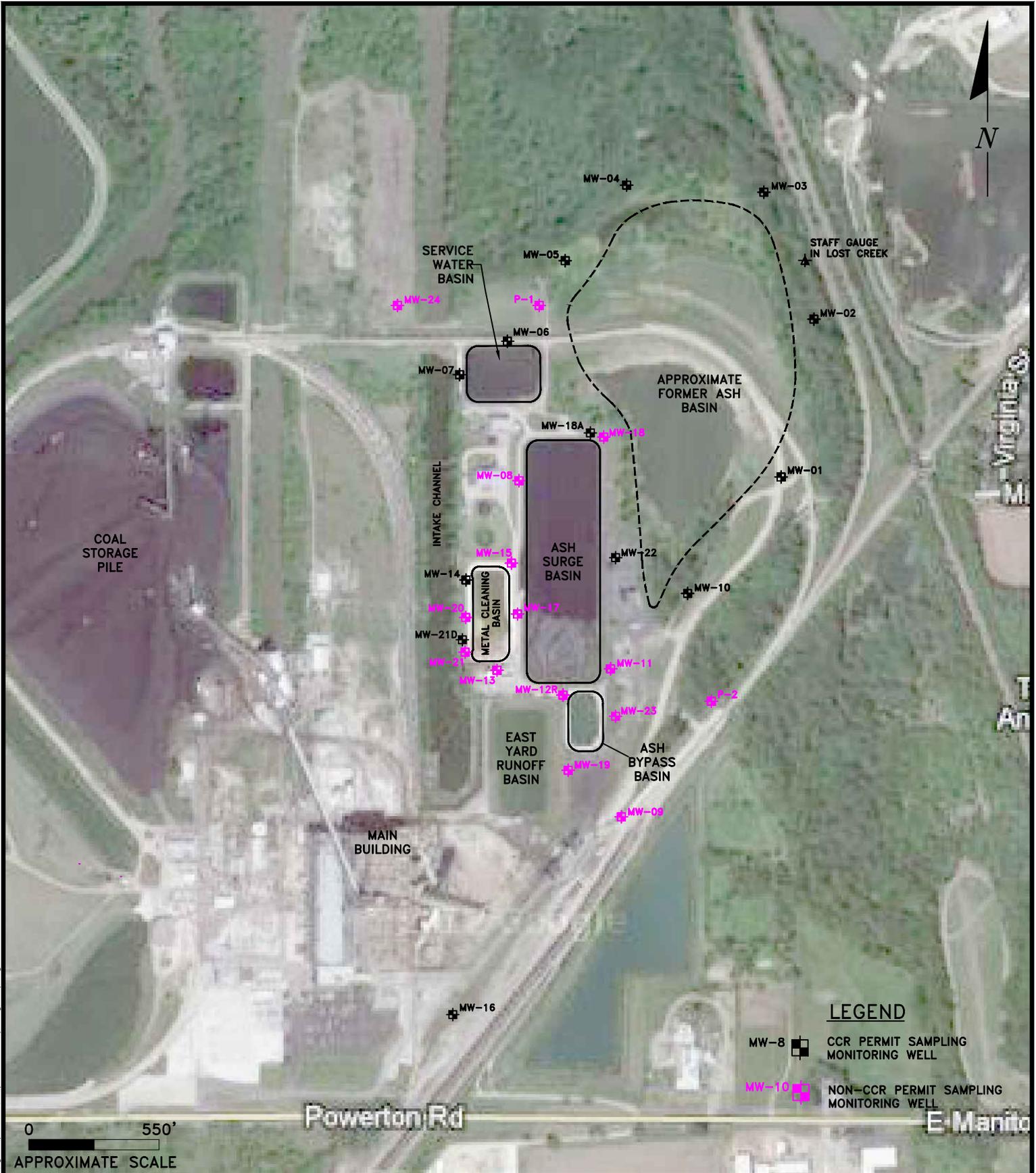
Average hydraulic conductivity for silt/clay unit (feet/second) from Groundwater, Freeze and Cherry, 1979.

** - Porosity estimates from Applied Hydrogeology, Fetter, 1980.

Table 5. CCR Groundwater Sample Collection Summary for 2025 - Powerton Generating Station CCR Permit

Well ID	Number of Groundwater Sampling Events	Dates of Groundwater Sampling Events	Detection Monitoring (D) versus Assessment Monitoring (A)
MW-01 (Downgradient)	4	2/27/2025	D
		5/21/2025	D
		8/12/2025	D
		11/11/2025	D
MW-02 (Downgradient)	4	2/26/2025	D
		5/20/2025	D
		8/13/2025	D
		11/10/2025	D
MW-03 (Downgradient)	4	2/25/2025	D
		5/20/2025	D
		8/13/2025	D
		11/11/2025	D
MW-04 (Downgradient)	4	2/25/2025	D
		5/20/2025	D
		8/13/2025	D
		11/10/2025	D
MW-05 (Downgradient)	4	2/25/2025	D
		5/20/2025	D
		8/13/2025	D
		11/11/2025	D
MW-06 (Downgradient)	2	2/26/2025	D
		5/21/2025	D
		8/12/2025	D
		11/11/2025	D
MW-07 (Downgradient)	4	2/26/2025	D
		5/19/2025	D
		8/12/2025	D
		11/12/2025	D
MW-10 (Downgradient)	4	2/24/2025	D
		5/20/2025	D
		8/12/2025	D
		11/11/2025	D
MW-14 (Downgradient)	4	2/26/2025	D
		5/21/2025	D
		8/12/2025	D
		11/11/2025	D
MW-16 (Upgradient)	4	2/25/2025	D
		5/19/2025	D
		8/14/2025	D
		11/13/2025	D
MW-18A (Downgradient)	4	2/27/2025	D
		5/22/2025	D
		8/14/2025	D
		11/13/2025	D
MW-21D (Downgradient)	4	2/26/2025	D
		5/22/2025	D
		8/11/2025	D
		11/13/2025	D
MW-22 (Downgradient)	4	2/25/2025	D
		5/22/2025	D
		8/11/2025	D
		11/13/2025	D

FIGURES



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ENVIRONMENTAL CONSULTATION & REMEDIATION

CCR PERMIT MONITORING WELL SITE MAP



**POWERTON STATION
PEKIN, ILLINOIS**

414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

Scale: 1" = 550' Date: January 13, 2026

14665 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

KPRG Project No. 12313.1 **FIGURE 1**

ILLINOIS RIVER



MW-07	
PARAMETER	RESULT
ARSENIC	0.12
COBALT	0.0082

MW-18A	
PARAMETER	RESULT
TDS	1600

MW-14	
PARAMETER	RESULT
SULFATE	1300
TDS	3100
THALLIUM	0.0021

SERVICE WATER BASIN

STAFF GAUGE IN LOST CREEK

BASIN

ASH SURGE BASIN

METAL CLEANING BASIN

ASH BYPASS BASIN

TAPS No-Animal She

LEGEND

MW-8 CCR PERMIT MONITORING WELL

MW-10 NON-CCR PERMIT MONITORING WELL

NOTE: ALL RESULTS ARE IN MILLIGRAMS PER LITER (mg/L).

0 550'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G

KPRG and Associates, inc.

414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

14665 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

4Q2025 AREAL DISTRIBUTION MAP OF PARAMETERS ABOVE GWPSs

POWERTON STATION CCR PERMIT
PEKIN, ILLINOIS

Scale: 1" = 550'

Date: January 13, 2026

KPRG Project No. 12313.1

Figure 2

\\Projects\Midwest Generation\12313.1 Ash Pond Groundwater\Figures\Powerston_CCR

ATTACHMENT 1

**Assessment of Corrective Measures Time Extension Certified
Demonstration and IEPA Approval Letter**



April 17, 2025

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

Re: **Demonstration for 60-Day Extension – Corrective Measures Assessment
Powerton Generation Station
Permit No. 2024-CO-100029
Midwest Generation, LLC
Pekin, Illinois**

On behalf of Midwest Generation, LLC (MWG), **Weaver Consultants Group North Central, LLC (WCG)** is submitting this Demonstration for 60-Day Extension – Corrective Measures Assessment memo pursuant to Illinois' Coal Combustion Residuals (CCR) Rule 35 IAC 845.660(a)(2). As identified in the *Notice of Exceedance of Groundwater Protection Standards* dated January 7, 2025, groundwater monitoring analytical results from CCR monitoring wells associated with Powerton Generation Station (Powerton) have triggered requirements pursuant to §845.660 to implement a Corrective Measures Assessment (CMA). The CMA is to be initiated within 90 days of confirming laboratory sample results, and it must be completed and submitted to the Illinois Environmental Protection Agency (IEPA) within 90 days of initiation. MWG has initiated an ongoing effort to complete a nature and extent characterization, pursuant to §845.650(d)(1). Interim results from the nature and extent characterization indicate investigation of the Metals Cleaning Basin (MCB) and Ash Surge Basin (ASB) liner is recommended via a liner-leak survey.

WCG has determined that completing the Corrective Measures Assessment (CMA) pursuant to §35 IAC 845.660 will require additional time beyond the regulatory 90-day completion period. An extension of 60 days is requested. This extension is requested to allow time for scheduling and completion of a liner-leak survey on the MCB and ASB in cooperation with the Powerton operating facility schedule. The completion of this liner-leak survey is imperative to the development of a reliable and complete nature and extent characterization to inform the CMA. It is anticipated that the 60-day extension will allow for completion of the liner-leak survey and the findings will be presented in the CMA Report. Based on communication with the Powerton facility, it is currently anticipated that the MCB and ASB will be properly prepared by

J:\PROJECTS\15040-5099\15053 MWG\130010\101\CMA\CMA EXTENSION DEMONSTRATION\POWERTON MWG CMA 60-DAY EXTENSION DEMONSTRATION.DOCX

removing CCR in a time period to allow for the liner-leak surveys to be completed by June 2025. The results of the surveys will then be included in the nature and extent characterization used to inform the CMA.

Pursuant to §845.660(a)(2), I certify that MWG has demonstrated the need for an additional 60 days beyond the specified regulatory time period of 90 days to complete the CMA associated with Permit Number 2024-CO-100029. This extension request will now set the submission deadline of the CMA to be August 10, 2025.

This certification as submitted is to the best of my knowledge, accurate, and complete.

Sincerely,

Weaver Consultants Group North Central, LLC

Professional Engineer's Seal

Signature: Amy Wagner

Date: 04/17/2025



Certifying Engineer

Print Name: Amy Wagner, P.E.
Illinois License No.: 062.071816
License Expiration Date: 11/30/2025
Title: Senior Project Engineer



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

217-782-1020

June 3, 2025

*✓ Rowel
6/12/25*

Sharene Shealey
Powerton Station
13082 East Manito Road
Pekin, Illinois 61554-8587

Re: Powerton Station; W1798010008
Permit No: 2024-CO-100029
Corrective Measures Assessment Schedule Extension Request

Dear Ms. Shealey:

The purpose of this correspondence is to notify you that the Illinois Environmental Protection Agency (Illinois EPA) approves of the extension requests submitted on April 17, 2025, for completing the Corrective Measures Assessment (CMA).

If you have any questions, please contact: **Lauren Hunt**, Illinois EPA, Bureau of Water, Groundwater Section DPWS #13, P.O. Box 19276, Springfield, Illinois 62794-9276. If you have any questions concerning the investigation described above, please call 217-782-1020.

Sincerely,

Amy L. Zimmer
Manager, Groundwater Section
Division of Public Water Supplies
Illinois Environmental Protection Agency

Cc: Lauren Hunt
Justin Bierwagen
Mark Liska
Keegan MacDonna
Records Files 06M – W1978010008

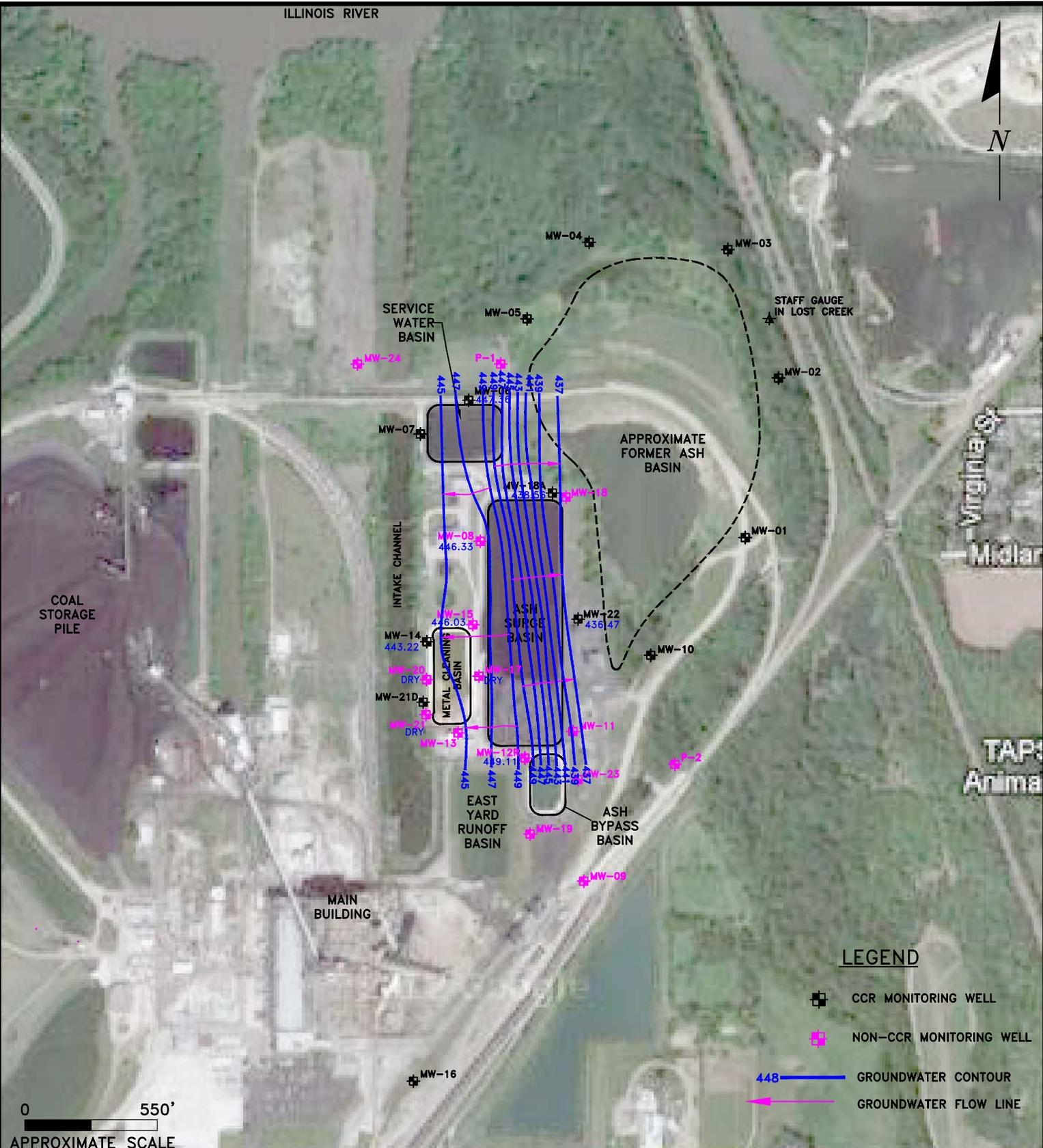
2125 S. First Street, Champaign, IL 61820 (217) 278-5800
1101 Eastport Plaza Dr., Suite 100, Collinsville, IL 62234 (618) 346-5120
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000
595 S. State Street, Elgin, IL 60123 (847) 608-3131

2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022
4302 N. Main Street, Rockford, IL 61103 (815) 987-7760

ATTACHMENT 2
Monthly Potentiometric Maps

ILLINOIS RIVER

N



LEGEND

- CCR MONITORING WELL
- NON-CCR MONITORING WELL
- 448 GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

0 550'
 APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G

KPRG and Associates, inc.

POTENTIOMETRIC MAP
SILT/CLAY UNIT 01/2025

POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550'

Date: December 17, 2025

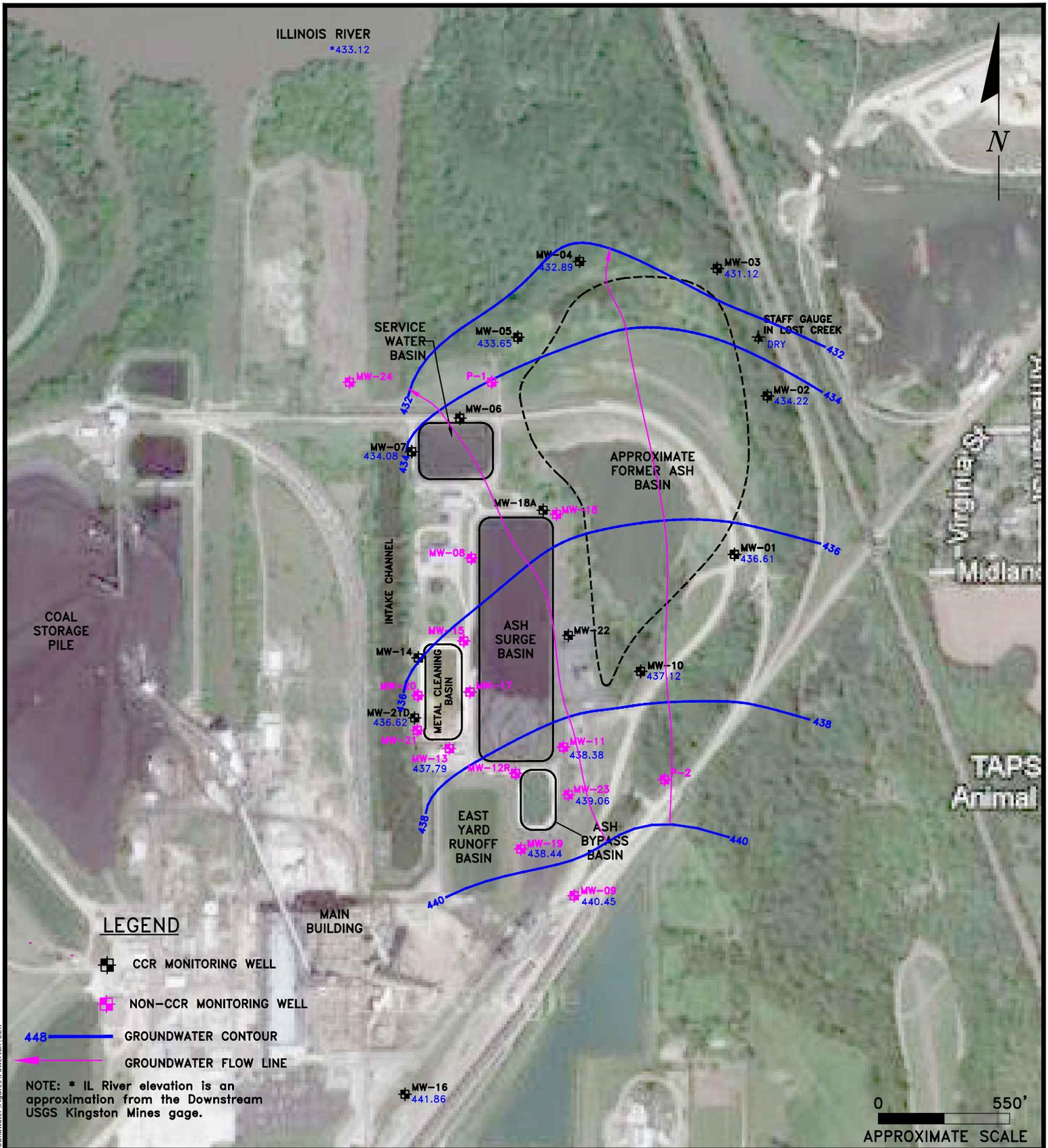
414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

14665 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

KPRG Project No. 12313.1

ATTACHMENT 2

Projects\Midwest Generation\12313_Ash Pond Groundwater Figures\Powertron CCR



LEGEND

- CCR MONITORING WELL
- NON-CCR MONITORING WELL
- GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

NOTE: * IL River elevation is an approximation from the Downstream USGS Kingston Mines gage.

0 550'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G

KPRG and Associates, inc.

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14665 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

**POTENTIOMETRIC MAP
SAND/GRAVEL UNIT 01/2025**

**POWERTON STATION
PEKIN, ILLINOIS**

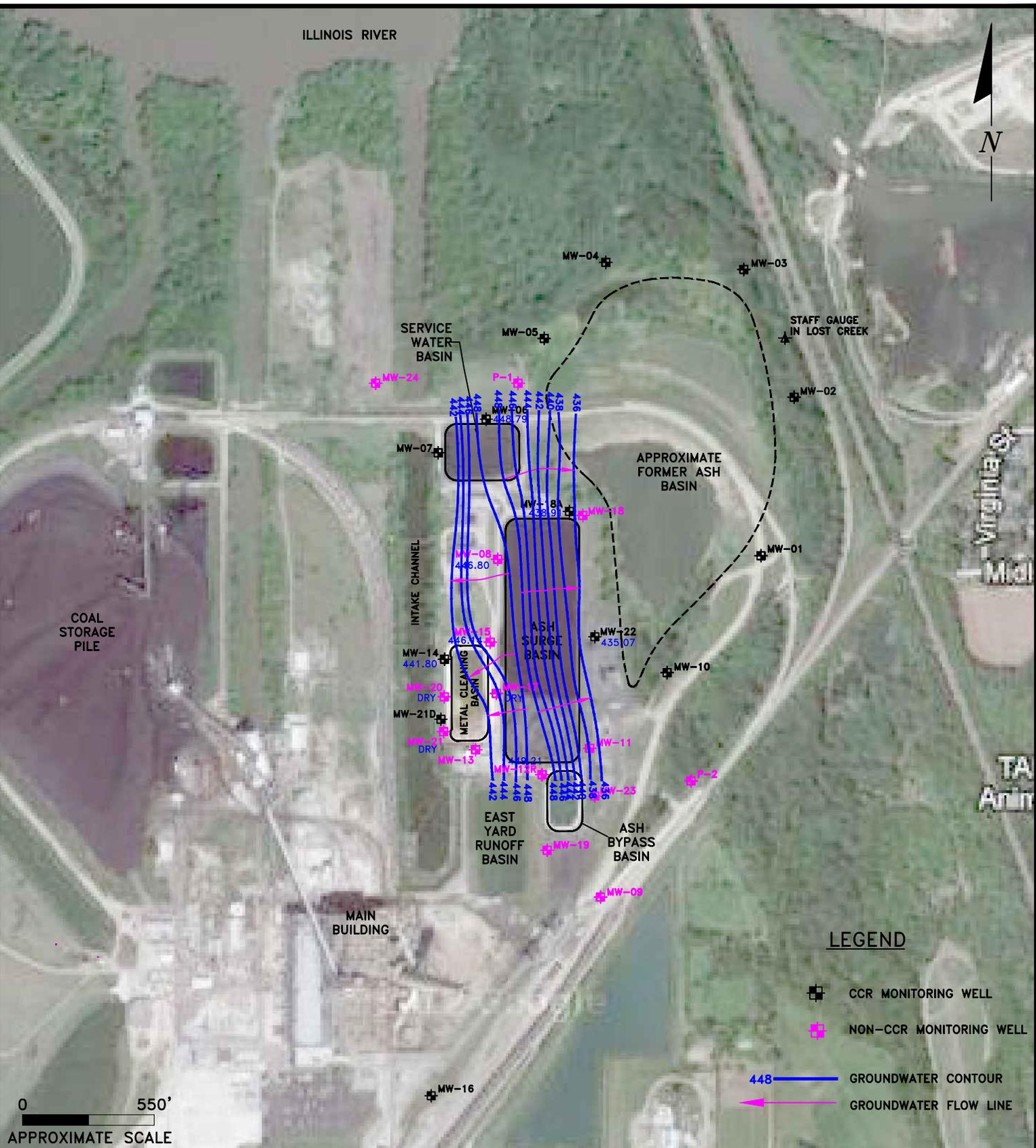
Scale: 1" = 550' Date: December 22, 2025

KPRG Project No. 12313.1

ATTACHMENT 2

ILLINOIS RIVER

N



LEGEND

- CCR MONITORING WELL
- NON-CCR MONITORING WELL
- 448 GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

0 550'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G

KPRG and Associates, inc.

414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

14665 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

POTENTIOMETRIC MAP
SILT/CLAY UNIT 02/2025

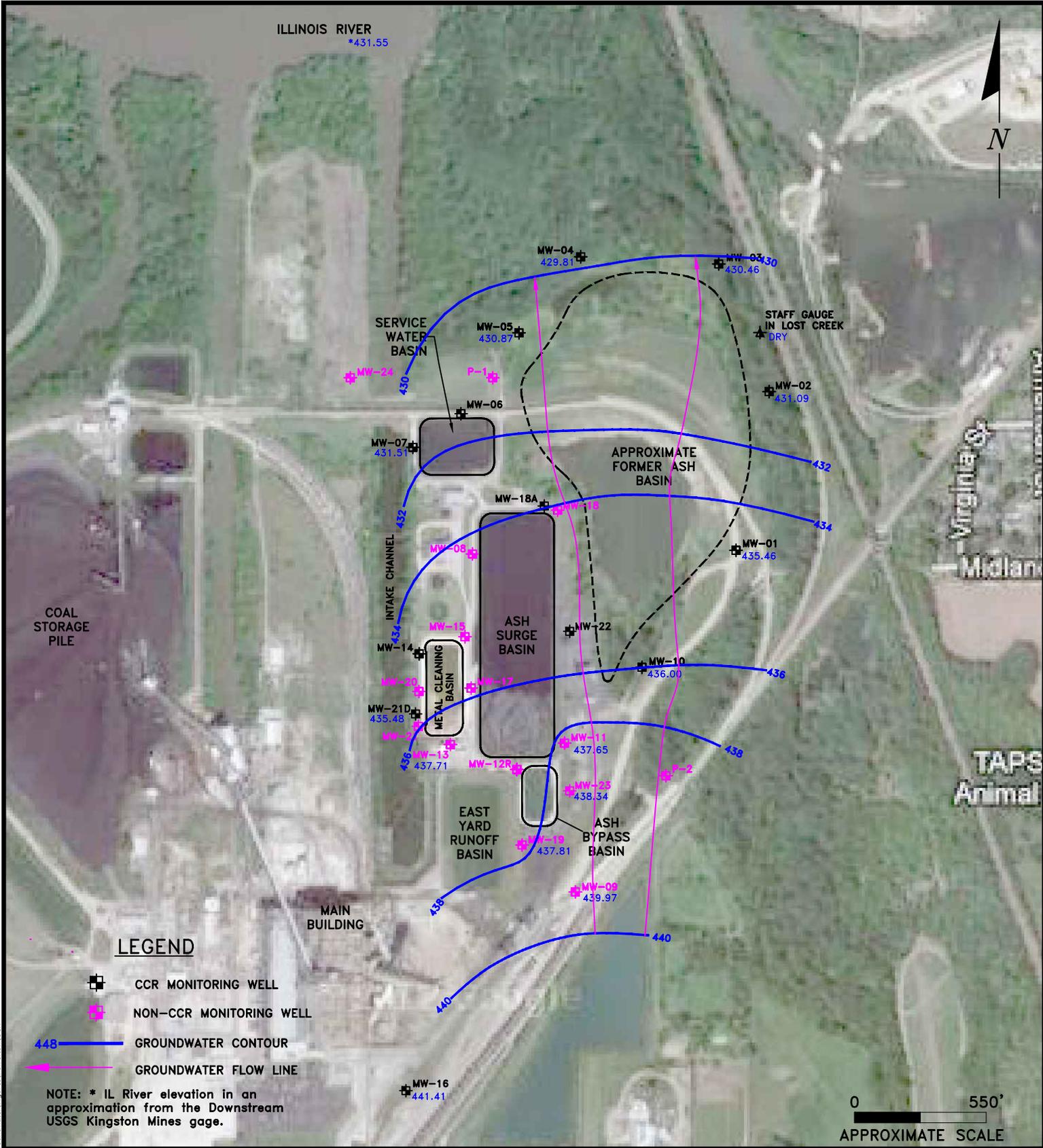
POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550'

Date: December 17, 2025

KPRG Project No. 12313.1

ATTACHMENT 2



LEGEND

- CCR MONITORING WELL
- NON-CCR MONITORING WELL
- GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

NOTE: * IL River elevation in an approximation from the Downstream USGS Kingston Mines gage.

ENVIRONMENTAL CONSULTATION & REMEDIATION



KPRG and Associates, inc.

414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

14665 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

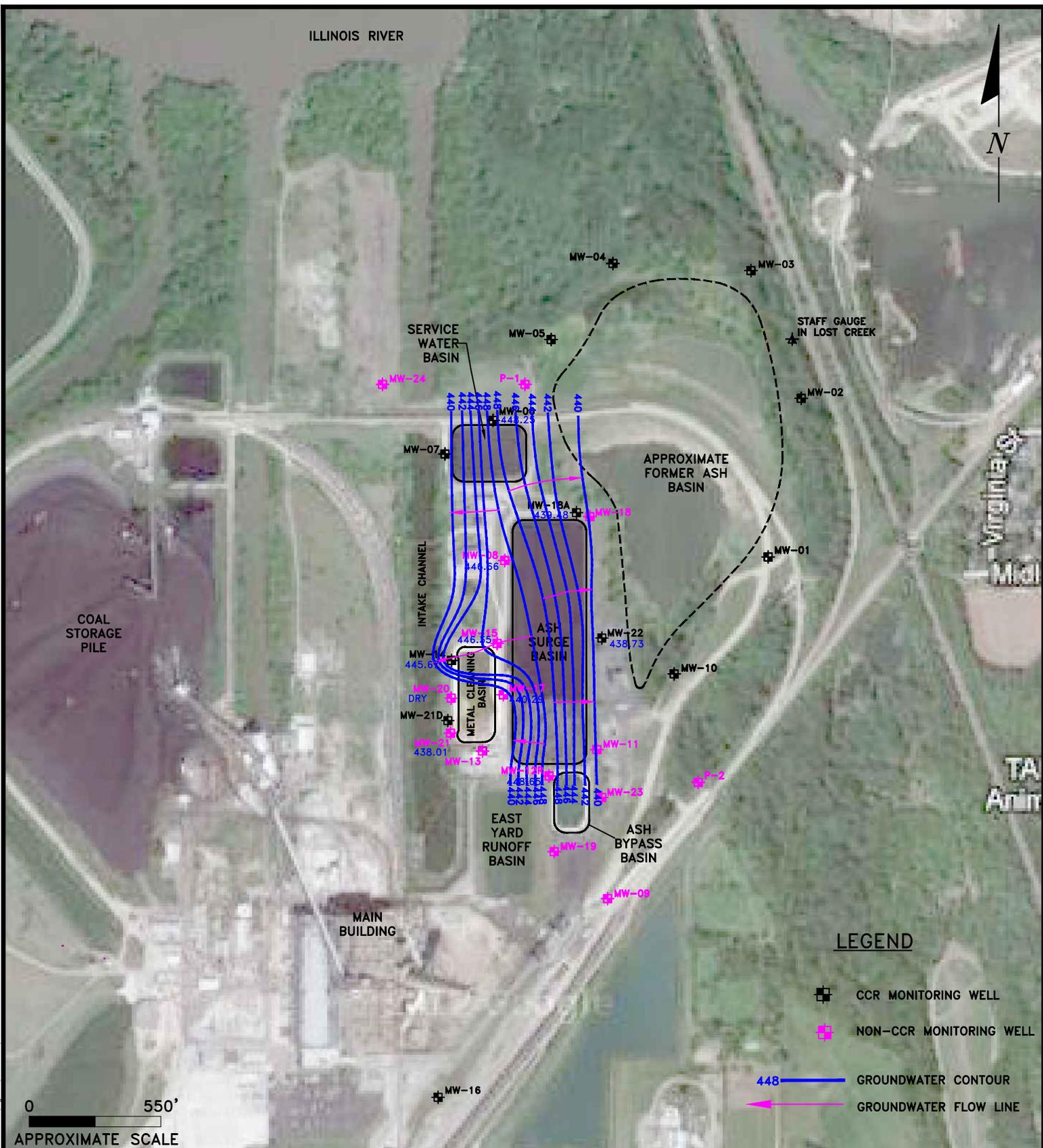
**POTENTIOMETRIC SURFACE MAP
SAND/GRAVEL UNIT 02/2025**

POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550' Date: December 31, 2025

KPRG Project No. 12313.1 ATTACHMENT 2

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0 550'
APPROXIMATE SCALE

LEGEND

- ☒ CCR MONITORING WELL
- ★ NON-CCR MONITORING WELL
- 448 ——— GROUNDWATER CONTOUR
- ➔ GROUNDWATER FLOW LINE

ENVIRONMENTAL CONSULTATION & REMEDIATION



KPRG and Associates, inc.

414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

14665 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

**POTENTIOMETRIC MAP
SILT/CLAY UNIT 03/2025**

**POWERTON STATION
PEKIN, ILLINOIS**

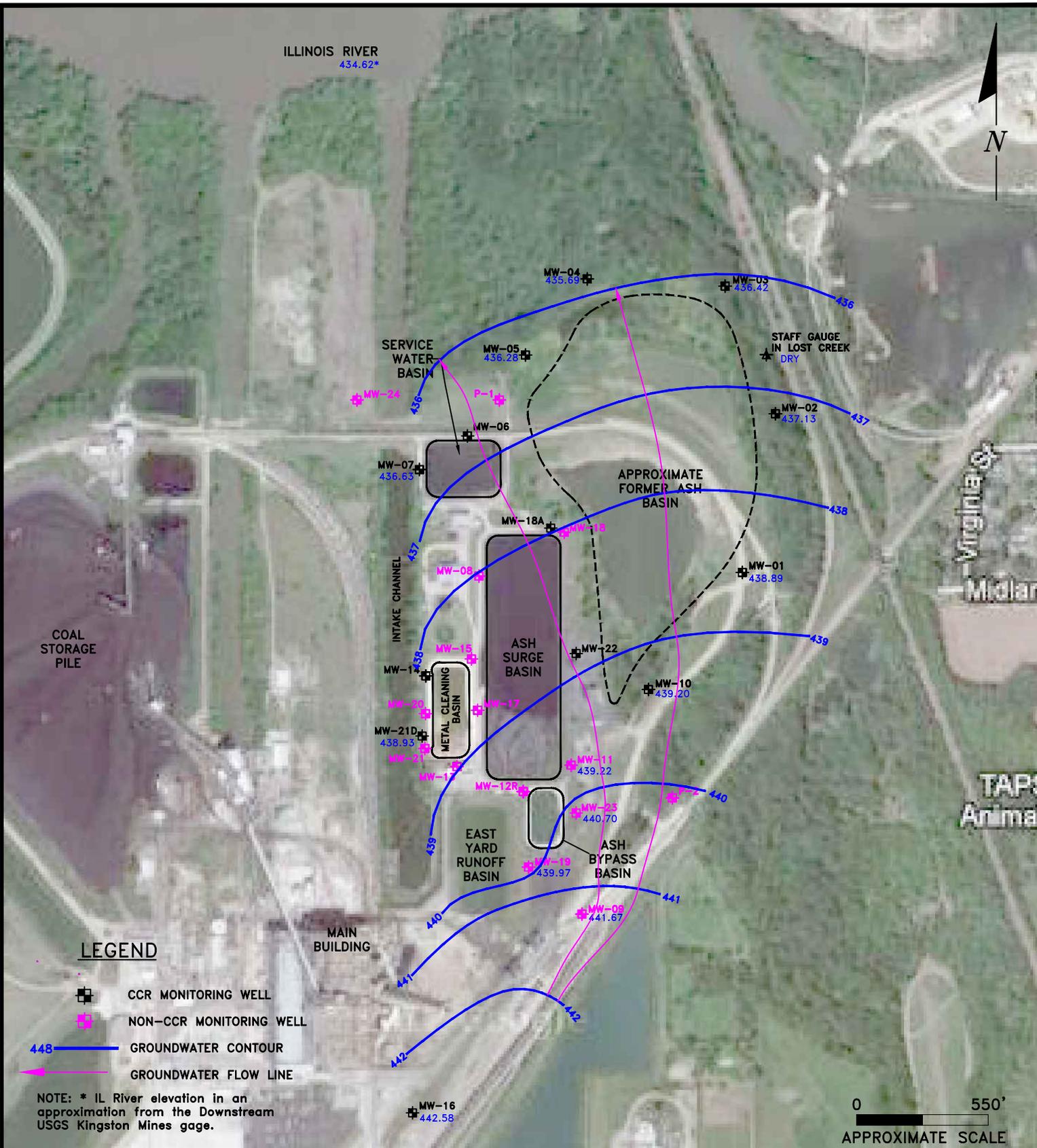
Scale: 1" = 550' Date: December 17, 2025

KPRG Project No. 12313.1

ATTACHMENT 2

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ILLINOIS RIVER
434.62*



LEGEND

- CCR MONITORING WELL
- NON-CCR MONITORING WELL
- GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

NOTE: * IL River elevation in an approximation from the Downstream USGS Kingston Mines gage.

0 550'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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**POTENTIOMETRIC MAP
SAND/GRAVEL UNIT 03/2025**

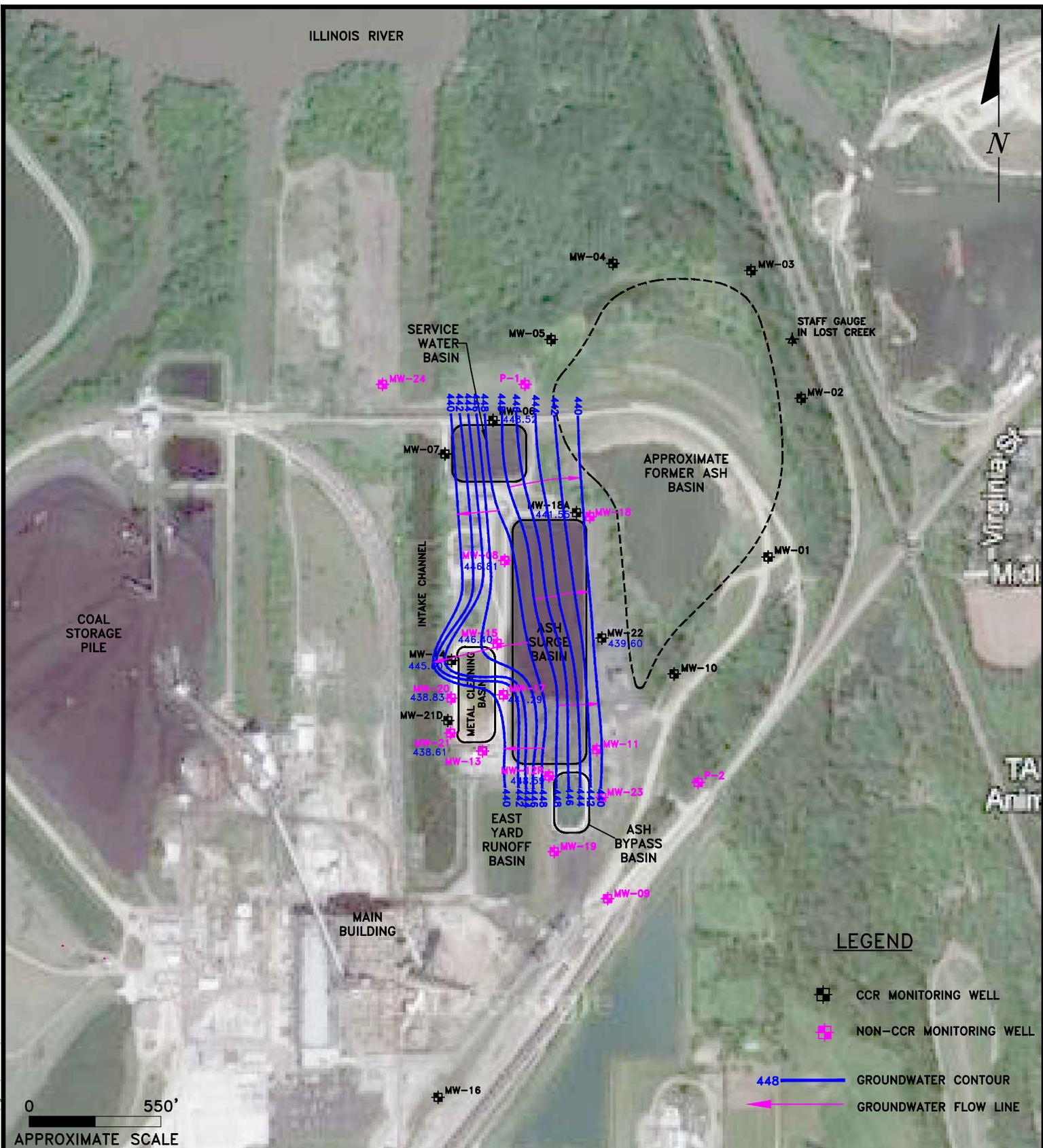
**POWERTON STATION
PEKIN, ILLINOIS**

Scale: 1" = 550' Date: December 29, 2025

KPRG Project No. 12313.1

ATTACHMENT 2

W:\Projects\Midwest\Generation\12313 Ash Pond Groundwater Figures\Powertron\CCR



LEGEND

- CCR MONITORING WELL
- NON-CCR MONITORING WELL
- GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

0 550'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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**POTENTIOMETRIC MAP
SILT/CLAY UNIT 04/2025**

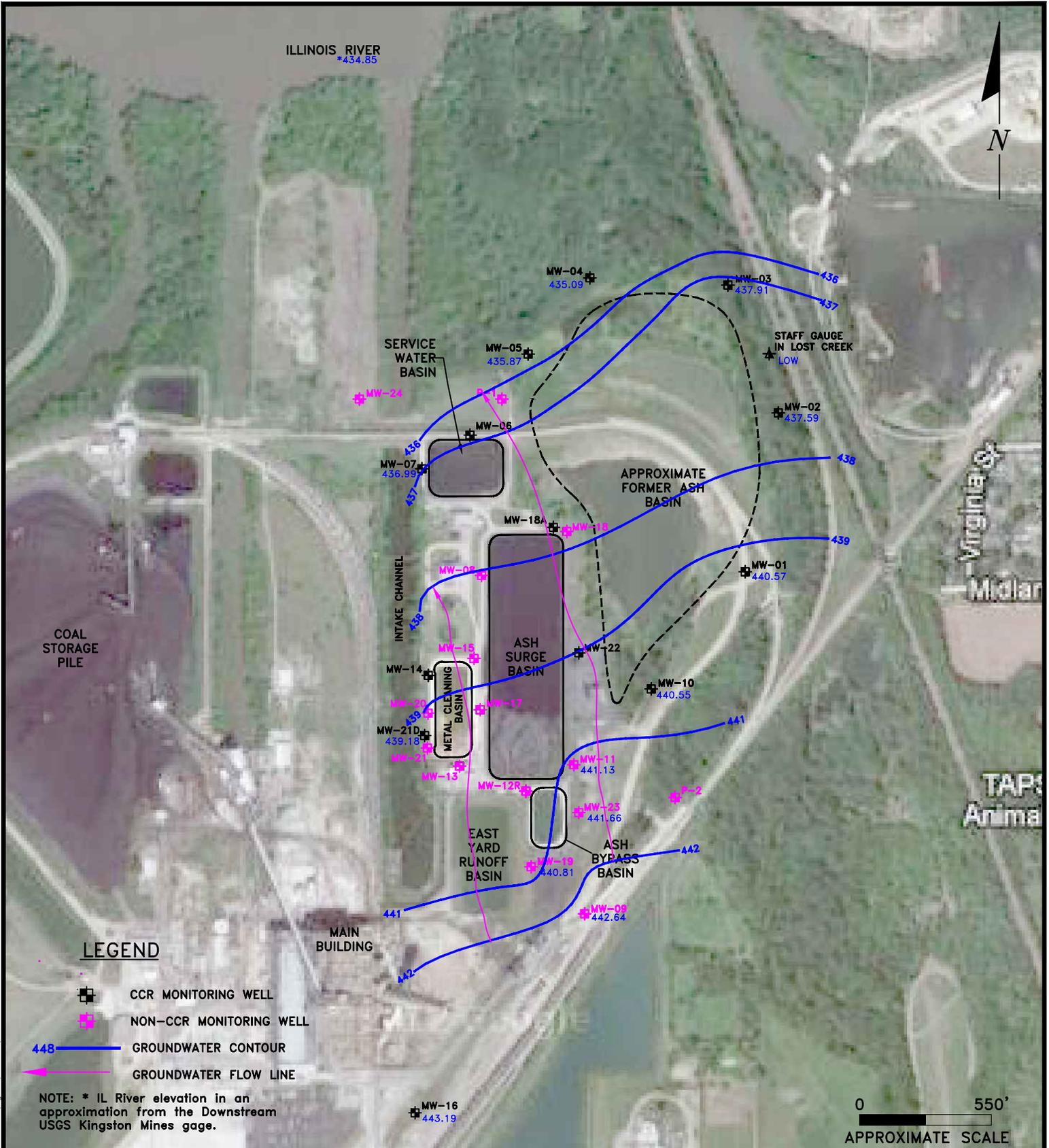
**POWERTON STATION
PEKIN, ILLINOIS**

Scale: 1" = 550' Date: December 17, 2025

KPRG Project No. 12313.1

ATTACHMENT 2

W:\Projects\Midwest\Generation\12313.Ash Pond Groundwater\Figures\Powerston_CCR



LEGEND

- CCR MONITORING WELL
- NON-CCR MONITORING WELL
- GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

NOTE: * IL River elevation in an approximation from the Downstream USGS Kingston Mines gage.

0 550'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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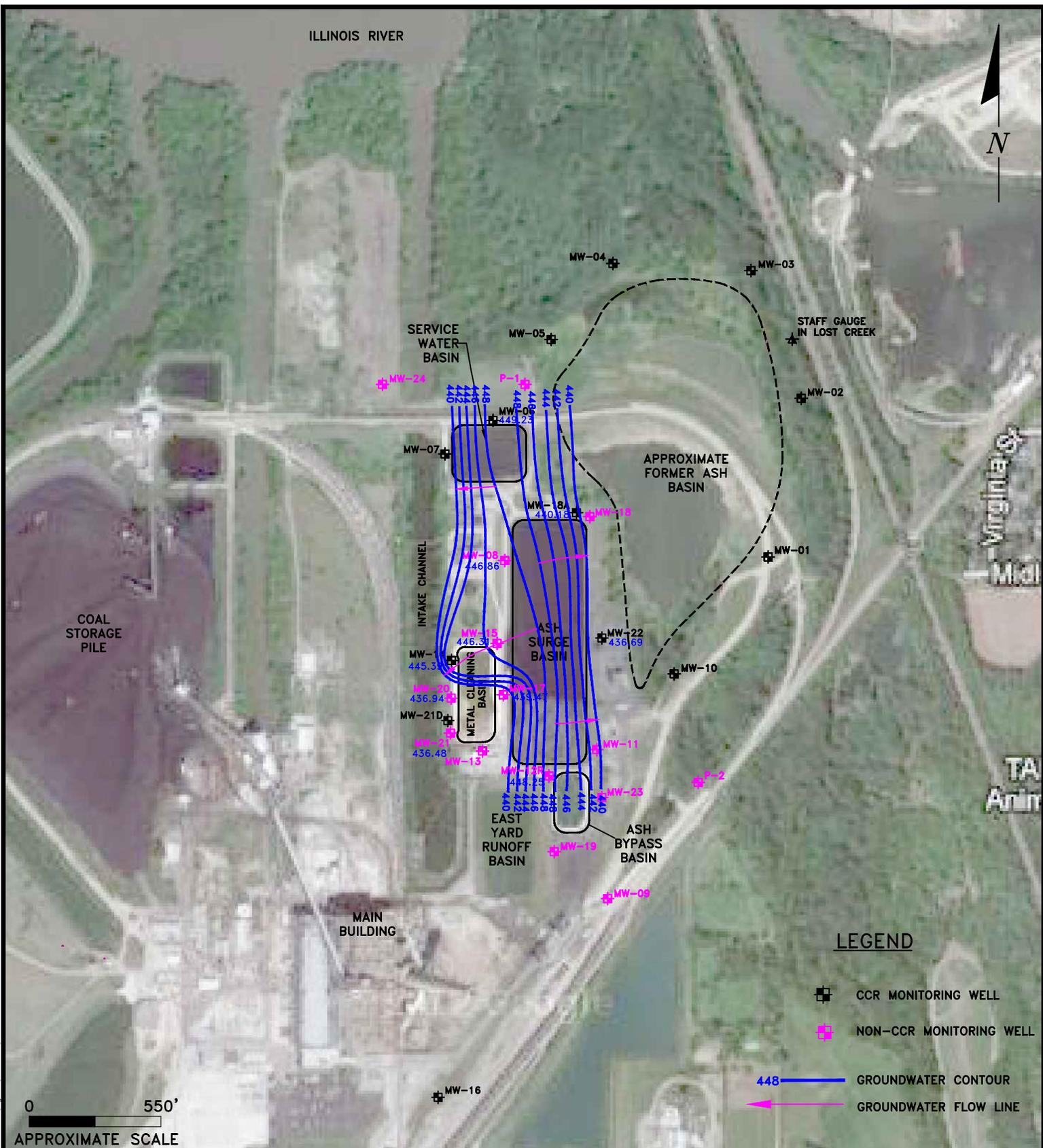
**POTENTIOMETRIC MAP
SAND/GRAVEL UNIT 04/2025**

**POWERTON STATION
PEKIN, ILLINOIS**

Scale: 1" = 550' Date: December 29, 2025

KPRG Project No. 12313.1

ATTACHMENT 2



LEGEND

-  CCR MONITORING WELL
-  NON-CCR MONITORING WELL
-  GROUNDWATER CONTOUR
-  GROUNDWATER FLOW LINE

0 550'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION



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**POTENTIOMETRIC MAP
SILT/CLAY UNIT 05/2025**

**POWERTON STATION
PEKIN, ILLINOIS**

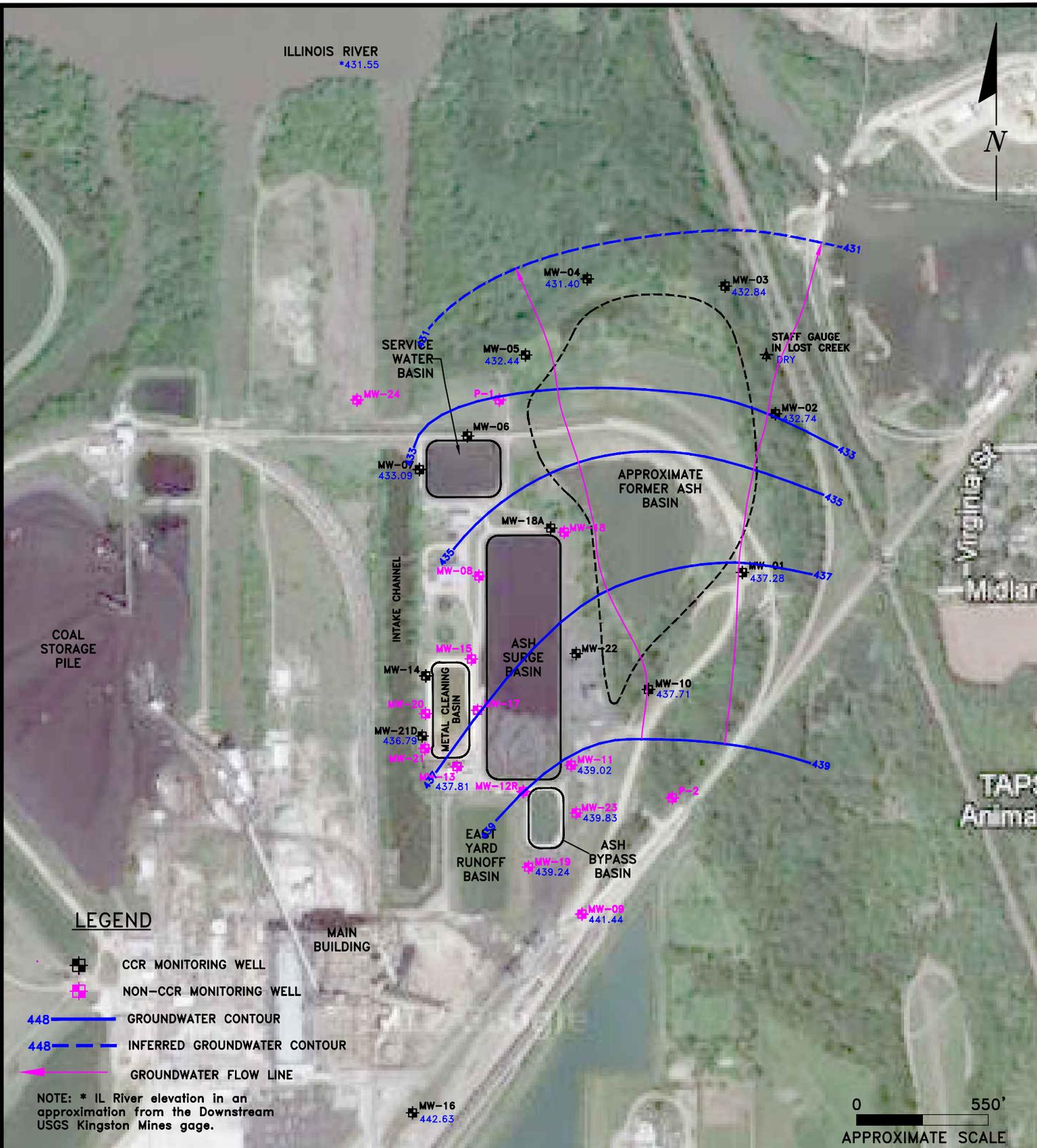
Scale: 1" = 550' Date: December 19, 2025

KPRG Project No. 12313.1

ATTACHMENT 2

W:\Projects\Midwest\Generation1\2313.Ash.Pond.Groundwater\Figures\Powerton_CCR

ILLINOIS RIVER
*431.55



LEGEND

- CCR MONITORING WELL
- NON-CCR MONITORING WELL
- 438 GROUNDWATER CONTOUR
- 438 INFERRED GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

NOTE: * IL River elevation in an approximation from the Downstream USGS Kingston Mines gage.

0 550'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION



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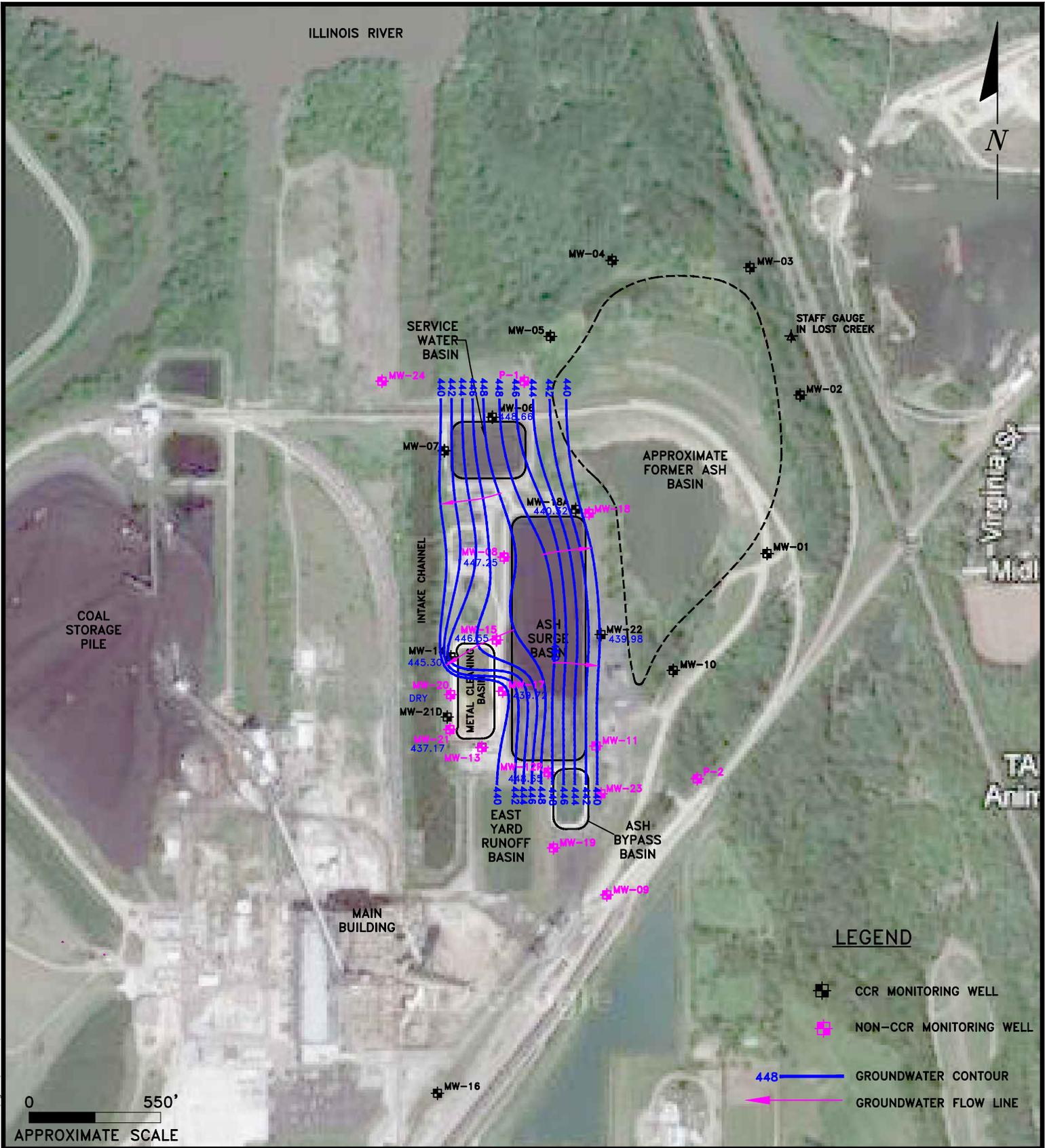
**POTENTIOMETRIC MAP
SAND/GRAVEL UNIT 05/2025**

**POWERTON STATION
PEKIN, ILLINOIS**

Scale: 1" = 550' | Date: December 31, 2025

KPRG Project No. 12313.1 | ATTACHMENT 2

W:\Projects\Midwest\Generation\12313 Ash Pond Groundwater Figures\Powerton\CCR



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POTENTIOMETRIC MAP
SILT/CLAY UNIT 06/2025

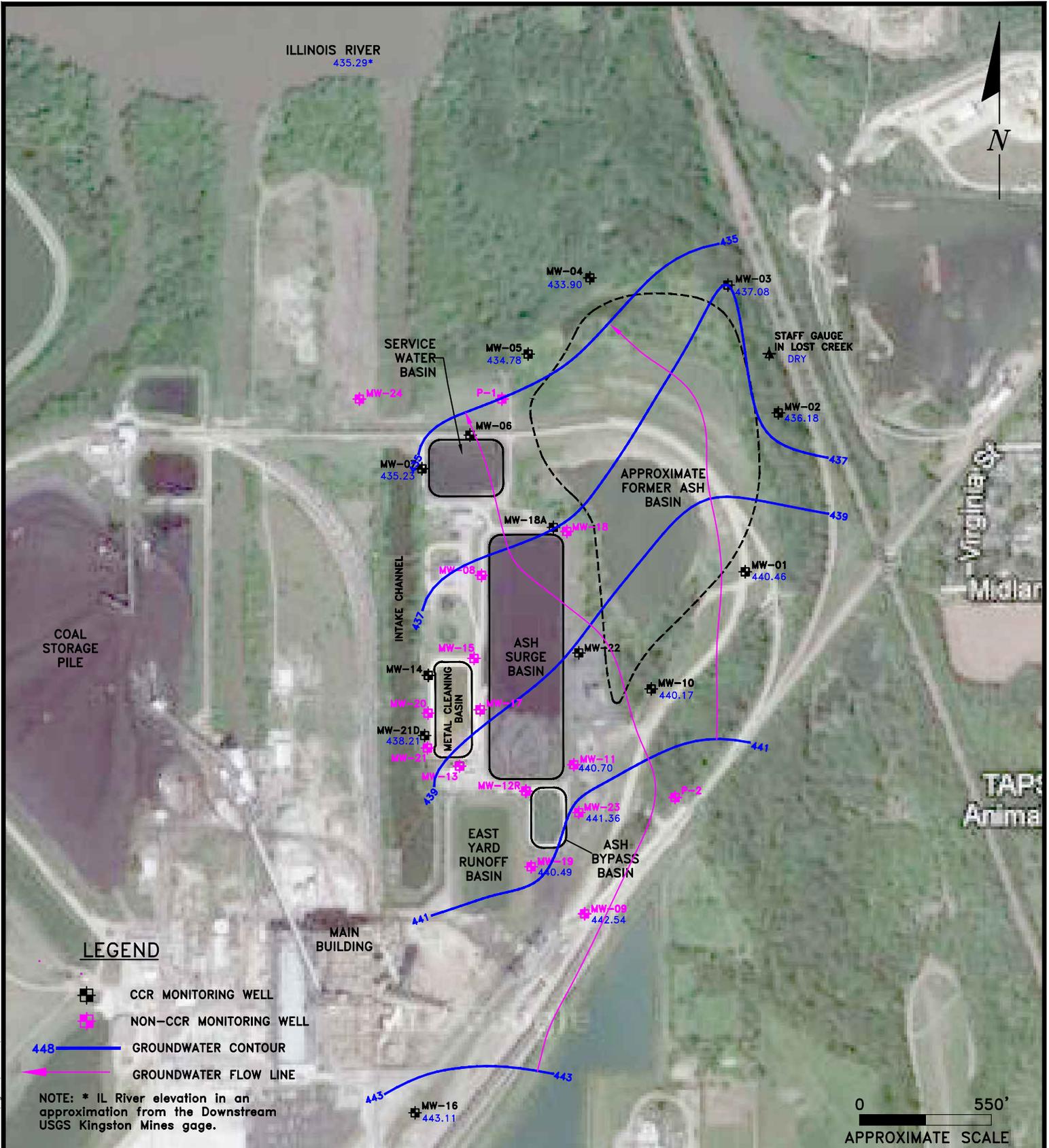
POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550'

Date: December 19, 2025

KPRG Project No. 12313.1

ATTACHMENT 2



LEGEND

- CCR MONITORING WELL
- NON-CCR MONITORING WELL
- GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

NOTE: * IL River elevation in an approximation from the Downstream USGS Kingston Mines gage.

0 550'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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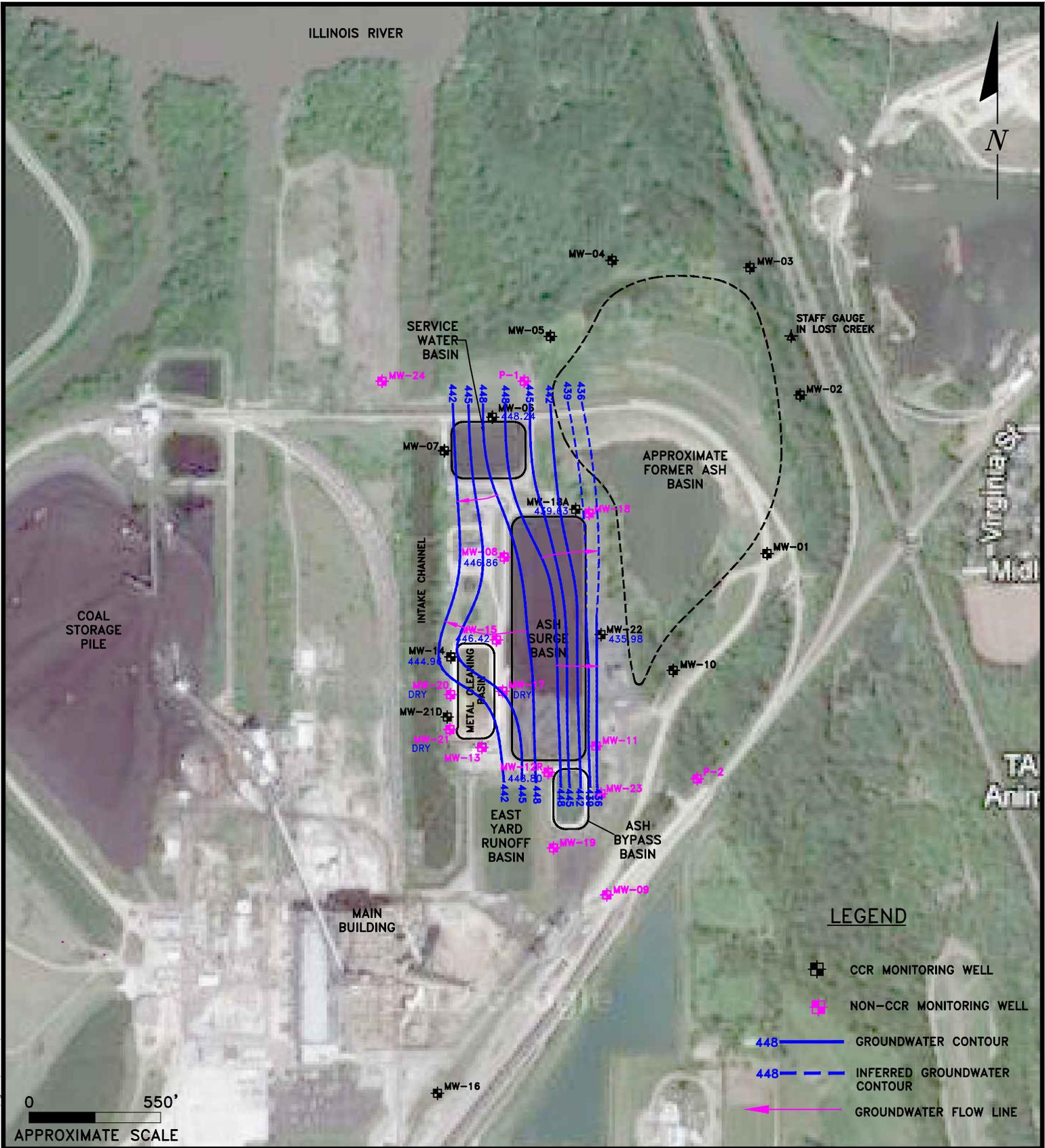
**POTENTIOMETRIC MAP
SAND/GRAVEL UNIT 06/2025**

**POWERTON STATION
PEKIN, ILLINOIS**

Scale: 1" = 550' Date: December 31, 2025

KPRG Project No. 12313.1

ATTACHMENT 2



W:\Projects\Midwest\Generation\12313.Ash Pond Groundwater\Figures\Powerston_CCR

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POTENTIOMETRIC MAP SILT/CLAY UNIT 07/2025

POWERSTON STATION
PEKIN, ILLINOIS

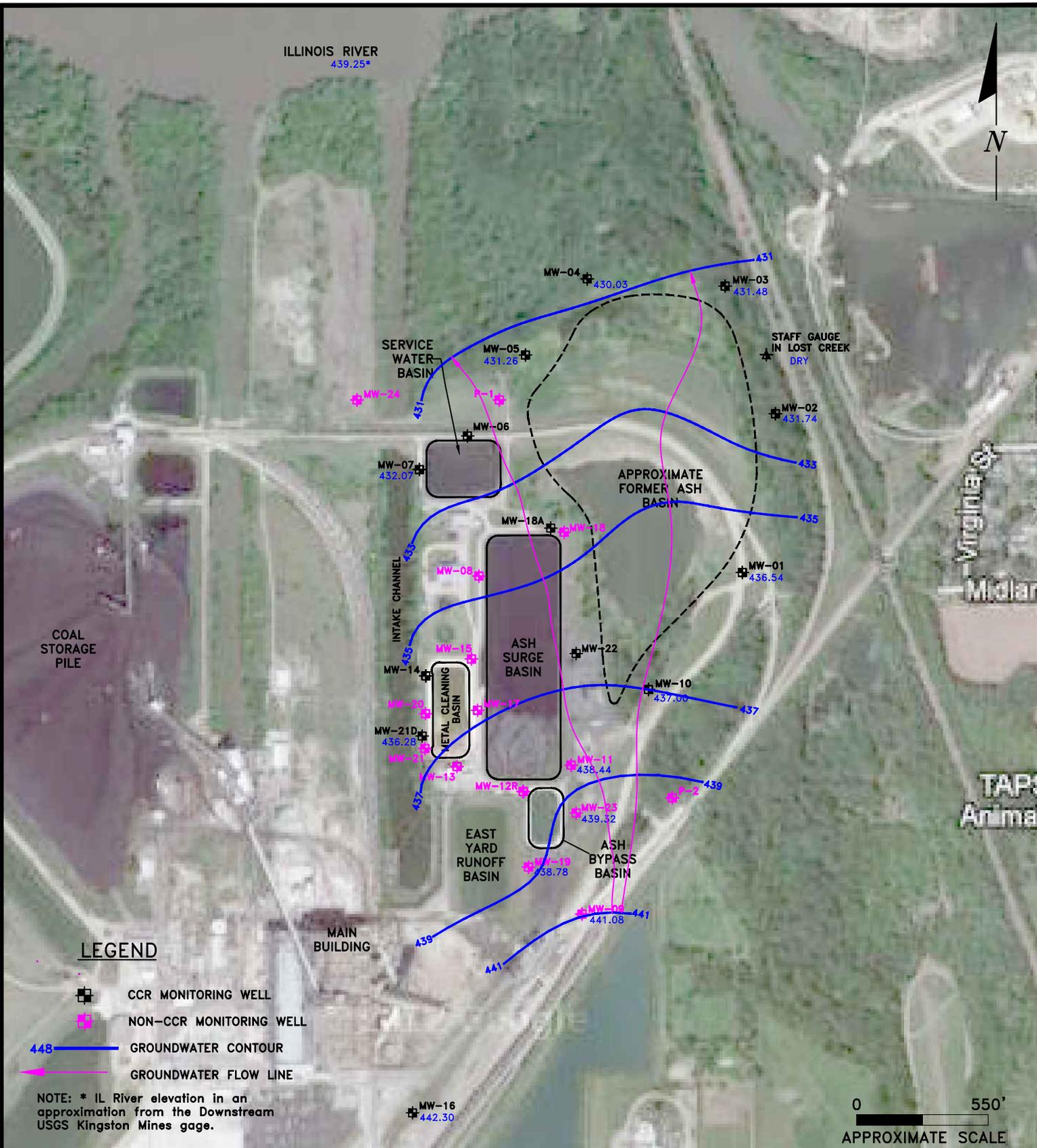
Scale: 1" = 550'

Date: December 19, 2025

KPRG Project No. 12313.1

ATTACHMENT 2

ILLINOIS RIVER
439.25*



LEGEND

- CCR MONITORING WELL
- NON-CCR MONITORING WELL
- GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

NOTE: * IL River elevation in an approximation from the Downstream USGS Kingston Mines gage.

0 550'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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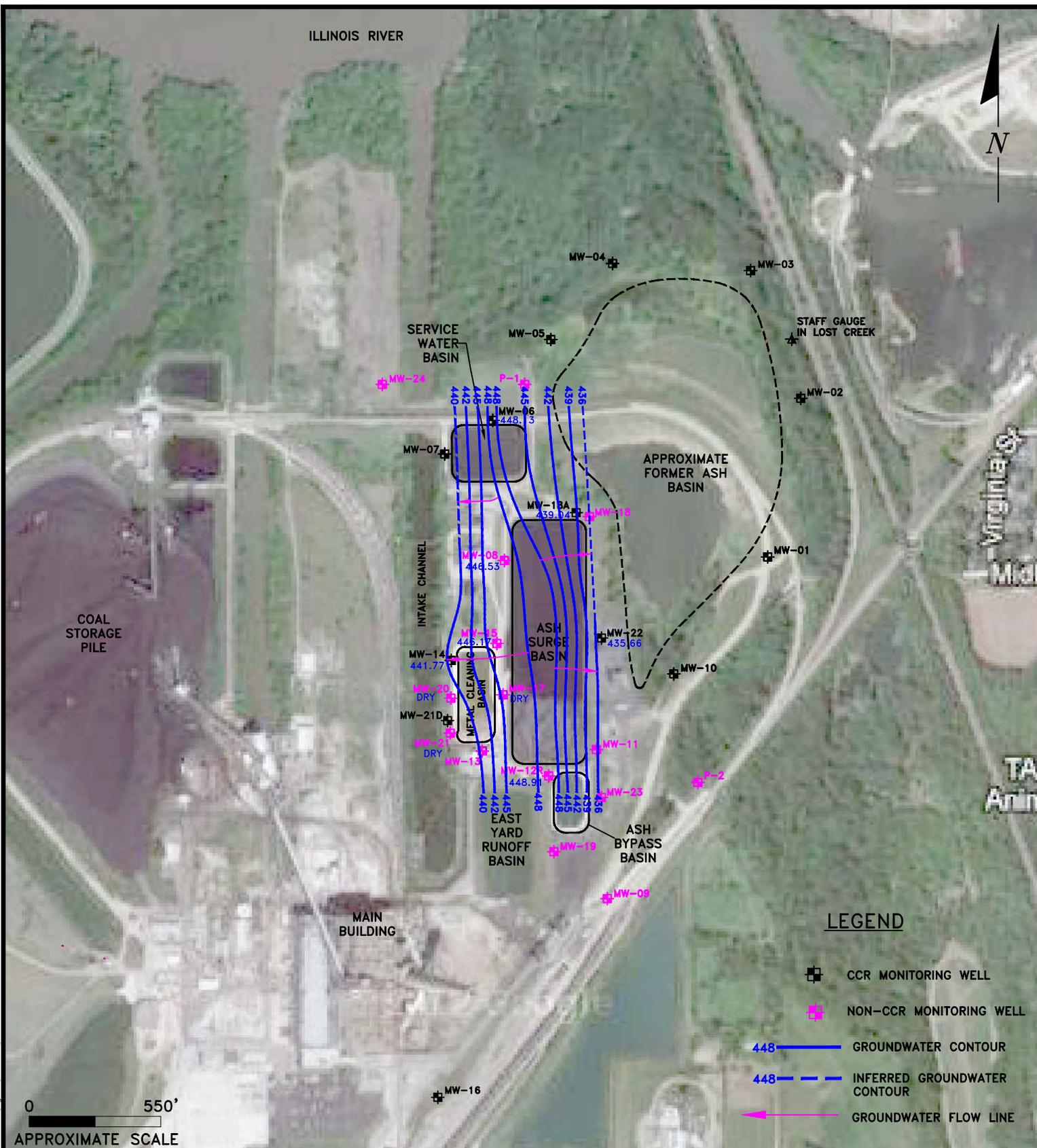
**POTENTIOMETRIC MAP
SAND/GRAVEL UNIT 07/2025**

**POWERTON STATION
PEKIN, ILLINOIS**

Scale: 1" = 550' | Date: December 31, 2025

KPRG Project No. 12313.1

ATTACHMENT 2



0 550'
APPROXIMATE SCALE

LEGEND

- CCR MONITORING WELL
- NON-CCR MONITORING WELL
- 448 GROUNDWATER CONTOUR
- 448 INFERRED GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

ENVIRONMENTAL CONSULTATION & REMEDIATION



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**POTENTIOMETRIC MAP
SILT/CLAY UNIT 08/2025**

**POWERTON STATION
PEKIN, ILLINOIS**

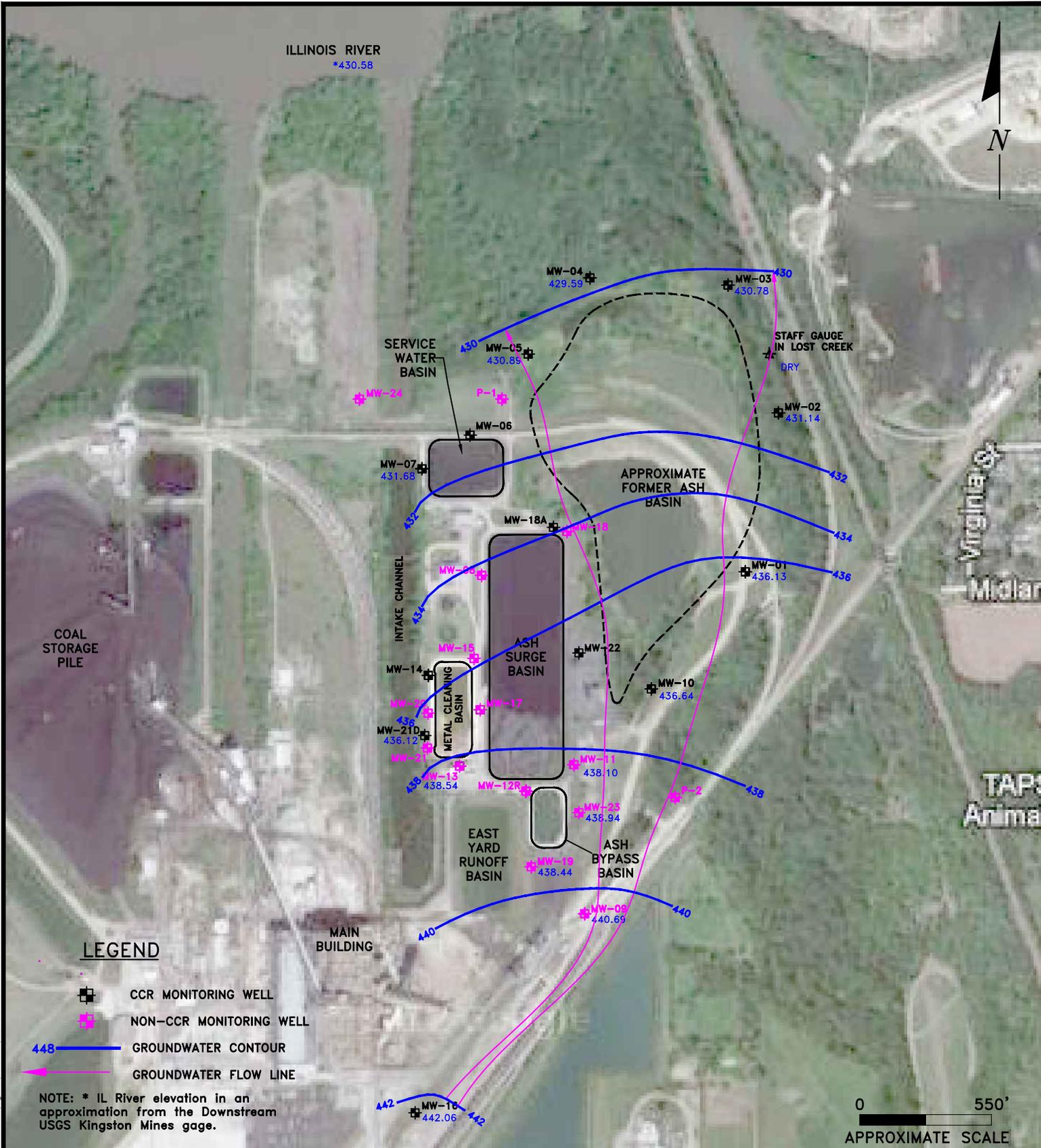
Scale: 1" = 550'

Date: December 19, 2026

KPRG Project No. 12313.1

ATTACHMENT 2

W:\Projects\Midwest\Generation\12313.Ash Pond Groundwater\Figures\Powerston_CCR



LEGEND

- CCR MONITORING WELL
- NON-CCR MONITORING WELL
- GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

NOTE: * IL River elevation in an approximation from the Downstream USGS Kingston Mines gage.

0 550'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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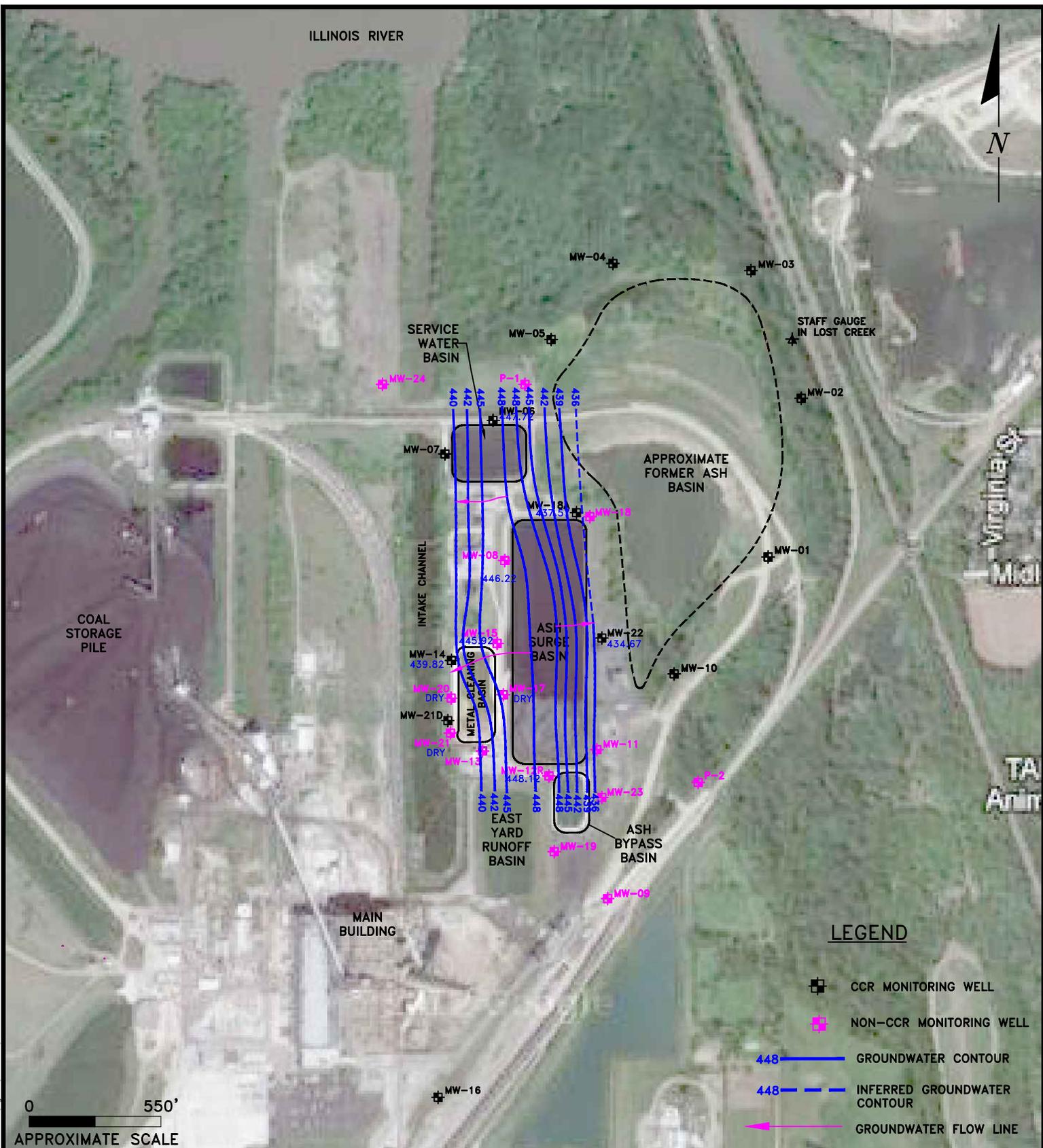
**POTENTIOMETRIC MAP
SAND/GRAVEL UNIT 08/2025**

**POWERTON STATION
PEKIN, ILLINOIS**

Scale: 1" = 550' Date: December 31, 2025

KPRG Project No. 12313.1

ATTACHMENT 2



0 550'
APPROXIMATE SCALE

LEGEND

- CCR MONITORING WELL
- NON-CCR MONITORING WELL
- GROUNDWATER CONTOUR
- INFERRED GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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**POTENTIOMETRIC MAP
SILT/CLAY UNIT 09/2025**

**POWERTON STATION
PEKIN, ILLINOIS**

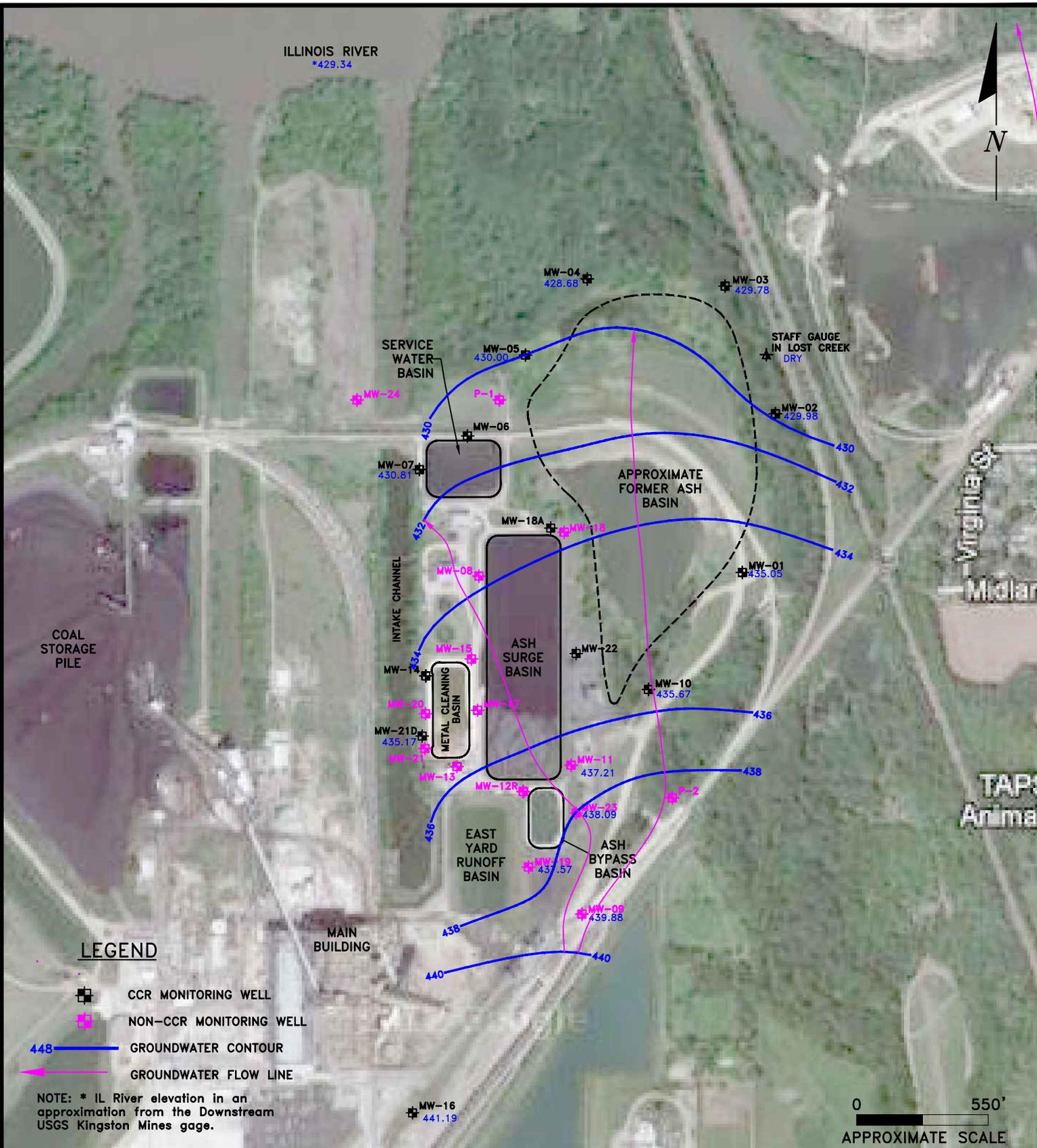
Scale: 1" = 550' Date: January 12, 2026

KPRG Project No. 12313.1

ATTACHMENT 2

W:\Projects\Midwest\Generation\12313.Ash Pond Groundwater\Figures\Powerton_CCR

ILLINOIS RIVER
*429.34



LEGEND

- CCR MONITORING WELL
- NON-CCR MONITORING WELL
- GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

NOTE: * IL River elevation in an approximation from the Downstream USGS Kingston Mines gage.

Projects: Midwest Generation 12313 Ash Pond Groundwater Figures: Powerton CCR

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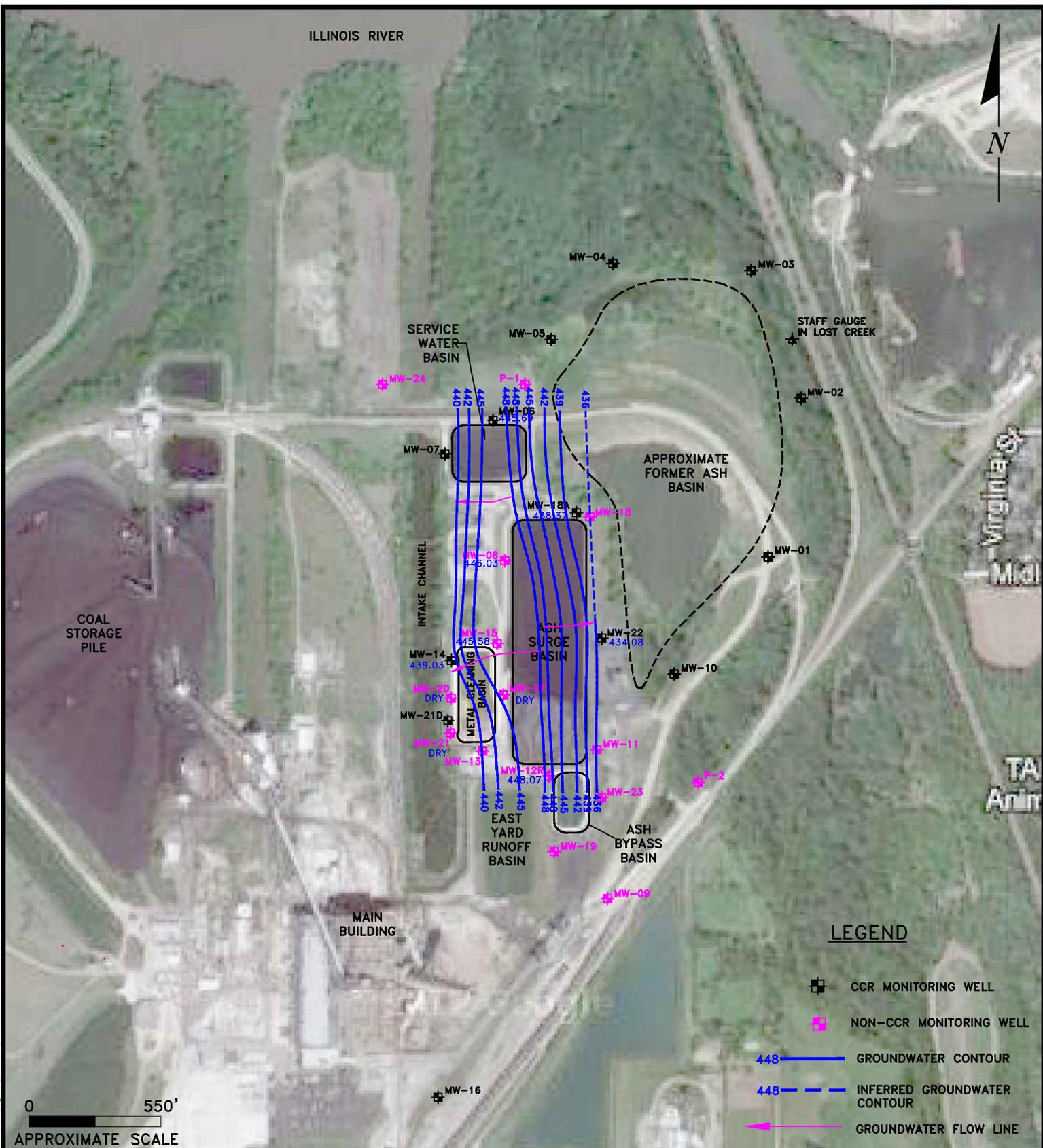
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**POTENTIOMETRIC MAP
SAND/GRAVEL UNIT 09/2025**

**POWERTON STATION
PEKIN, ILLINOIS**

Scale: 1" = 550' | Date: December 30, 2025

KPRG Project No. 12313.1 | ATTACHMENT 2



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POTENTIOMETRIC MAP

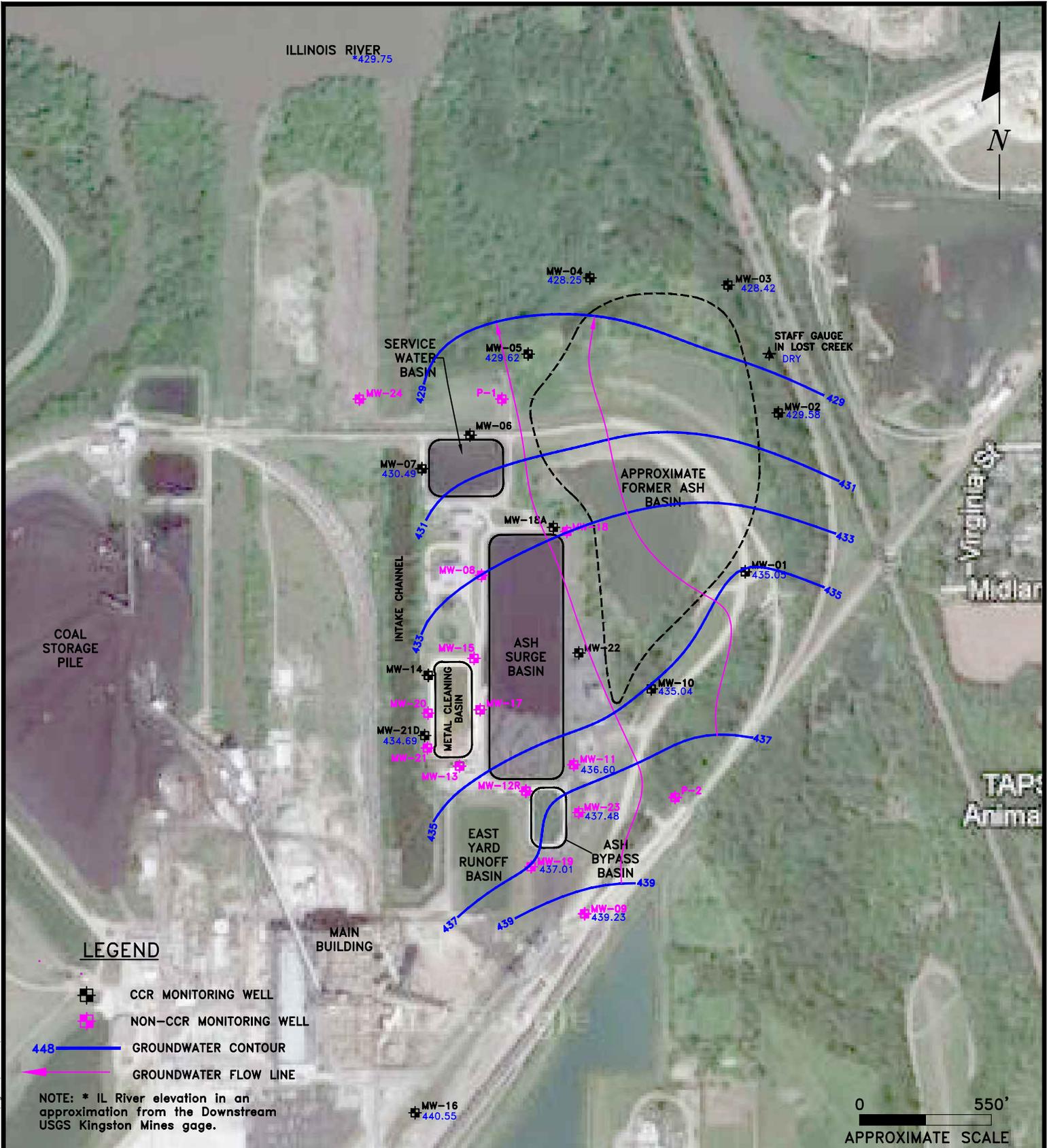
SILT/CLAY UNIT 10/2025

POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550' Date: December 17, 2025

KPRG Project No. 12313.1 ATTACHMENT 2

W:\Projects\Midwest\Generation\12313.Ash Pond Groundwater\Figures\Powerton_CCR



LEGEND

- CCR MONITORING WELL
- NON-CCR MONITORING WELL
- GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

NOTE: * IL River elevation in an approximation from the Downstream USGS Kingston Mines gage.

0 550'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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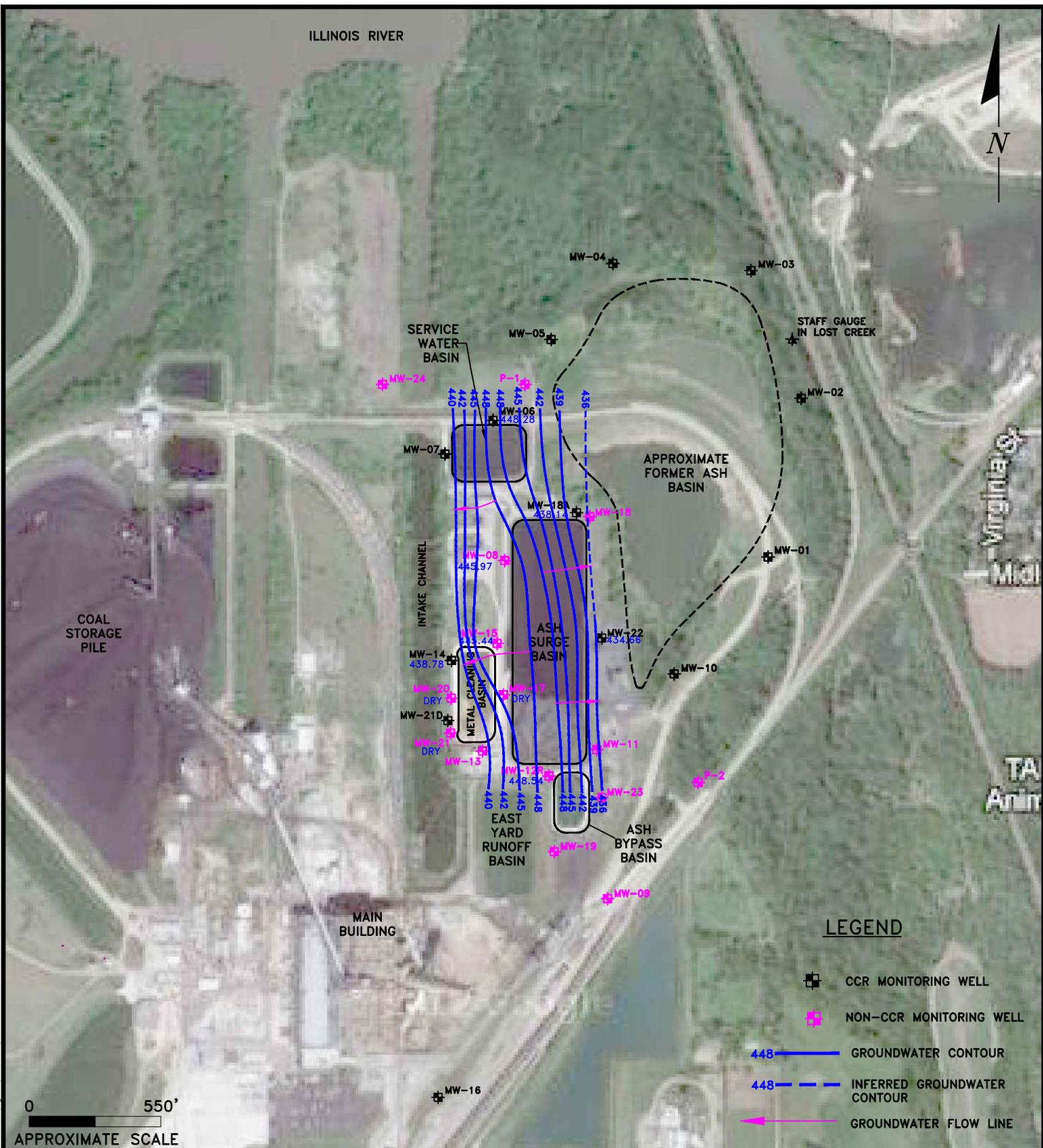
**POTENTIOMETRIC MAP
SAND/GRAVEL UNIT 10/2025**

**POWERTON STATION
PEKIN, ILLINOIS**

Scale: 1" = 550' Date: December 30, 2025

KPRG Project No. 12313.1

ATTACHMENT 2



LEGEND

- CCR MONITORING WELL
- NON-CCR MONITORING WELL
- 448 — GROUNDWATER CONTOUR
- 448 - - - INFERRED GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

ENVIRONMENTAL CONSULTATION & REMEDIATION



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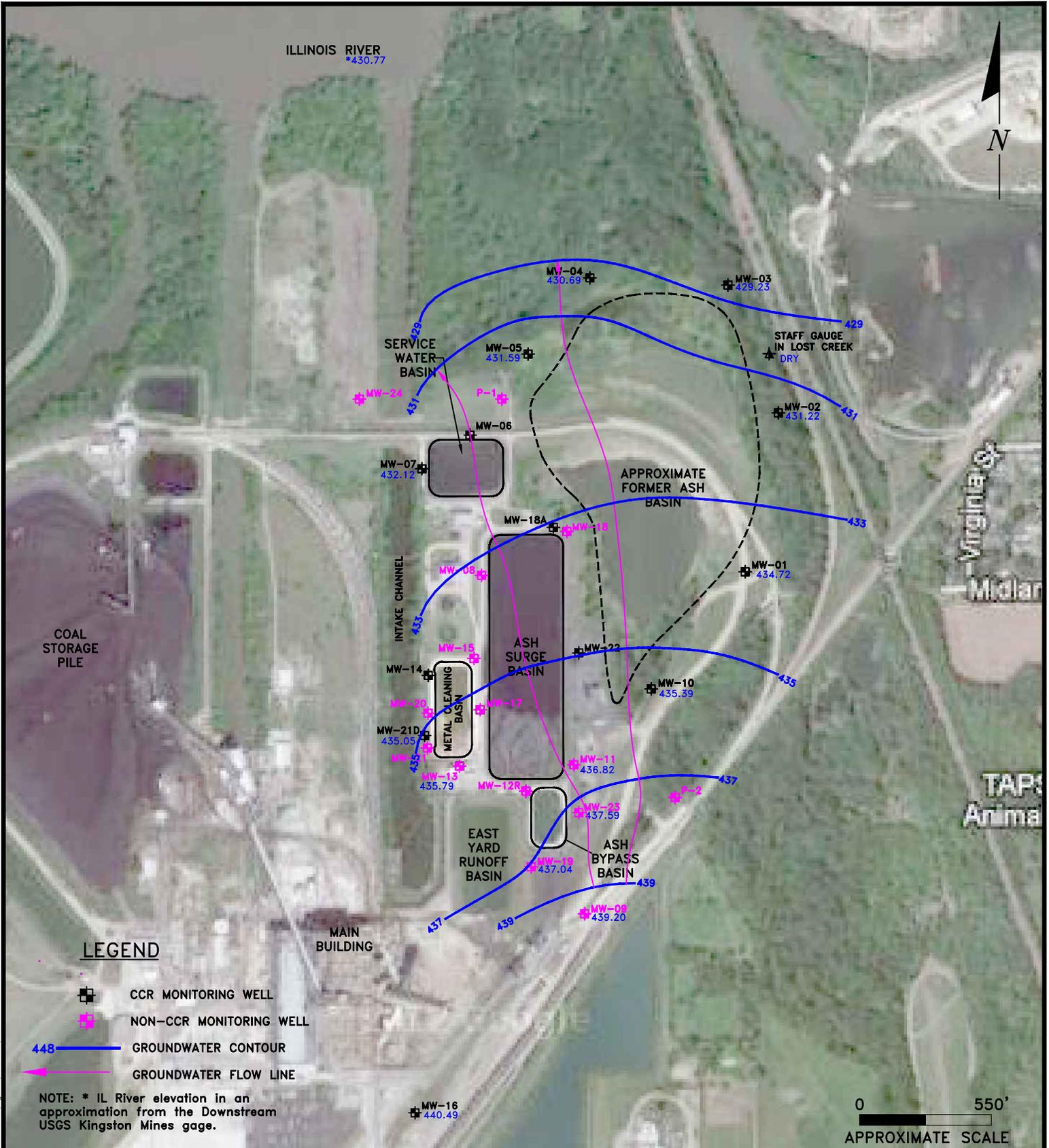
**POTENTIOMETRIC MAP
SILT/CLAY UNIT 11/2025**

**POWERTON STATION
PEKIN, ILLINOIS**

Scale: 1" = 550' Date: December 17, 2025

KPRG Project No. 12313.1 ATTACHMENT 2

W:\Projects\Midwest\Generation\12313.Ash Pond Groundwater\Figures\Powerston_CCR



W:\Projects\Midwest\Generation\12313 Ash Pond Groundwater Figures\Powertron CCR

LEGEND

- CCR MONITORING WELL
- NON-CCR MONITORING WELL
- GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

NOTE: * IL River elevation in an approximation from the Downstream USGS Kingston Mines gage.

0 550'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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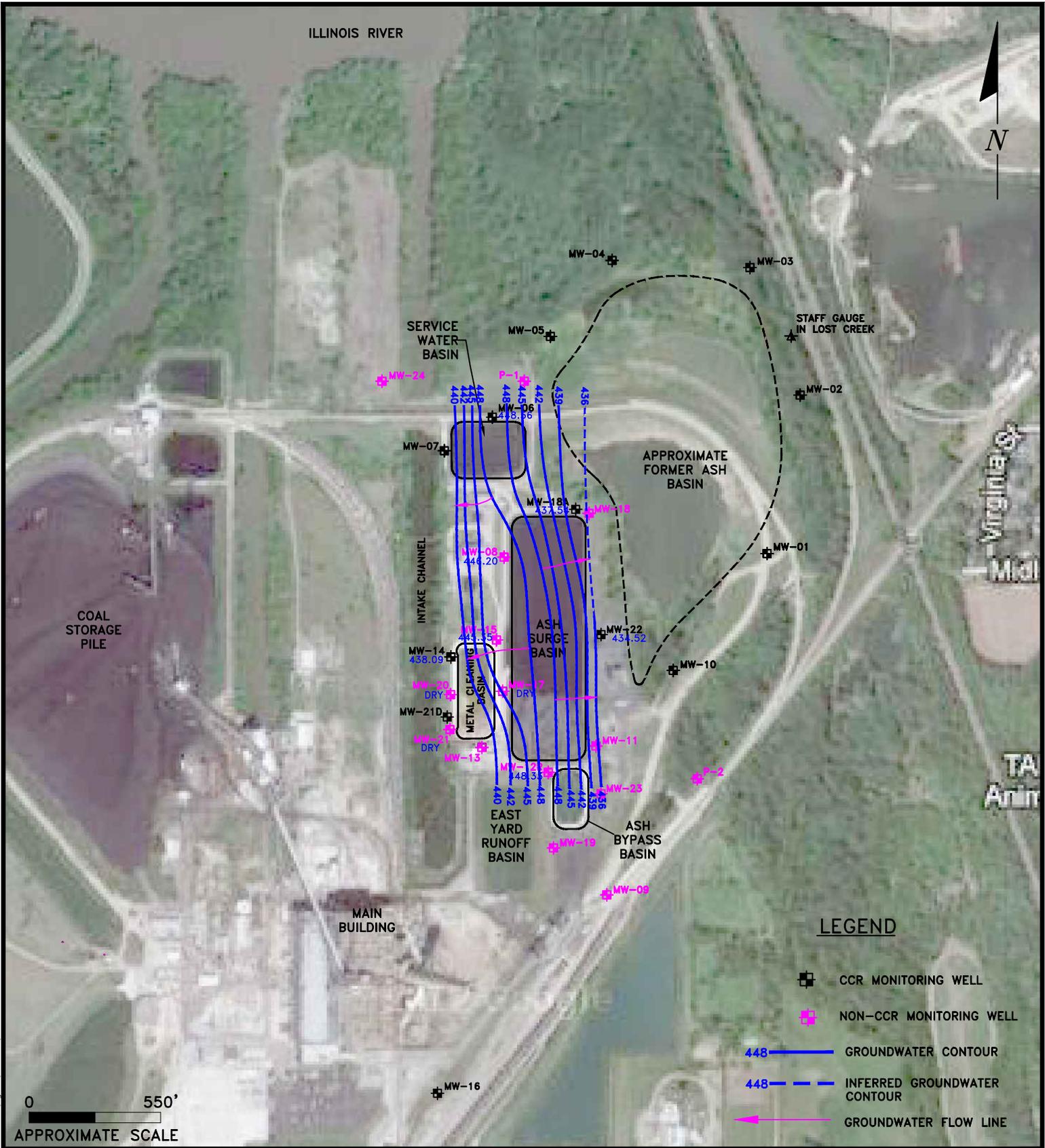
**POTENTIOMETRIC MAP
SAND/GRAVEL UNIT 11/2025**

**POWERTRON STATION
PEKIN, ILLINOIS**

Scale: 1" = 550' Date: December 30, 2025

KPRG Project No. 12313.1

ATTACHMENT 2



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POTENTIOMETRIC MAP SILT/CLAY UNIT 12/2025

POWERTON STATION
PEKIN, ILLINOIS

Scale: 1" = 550'

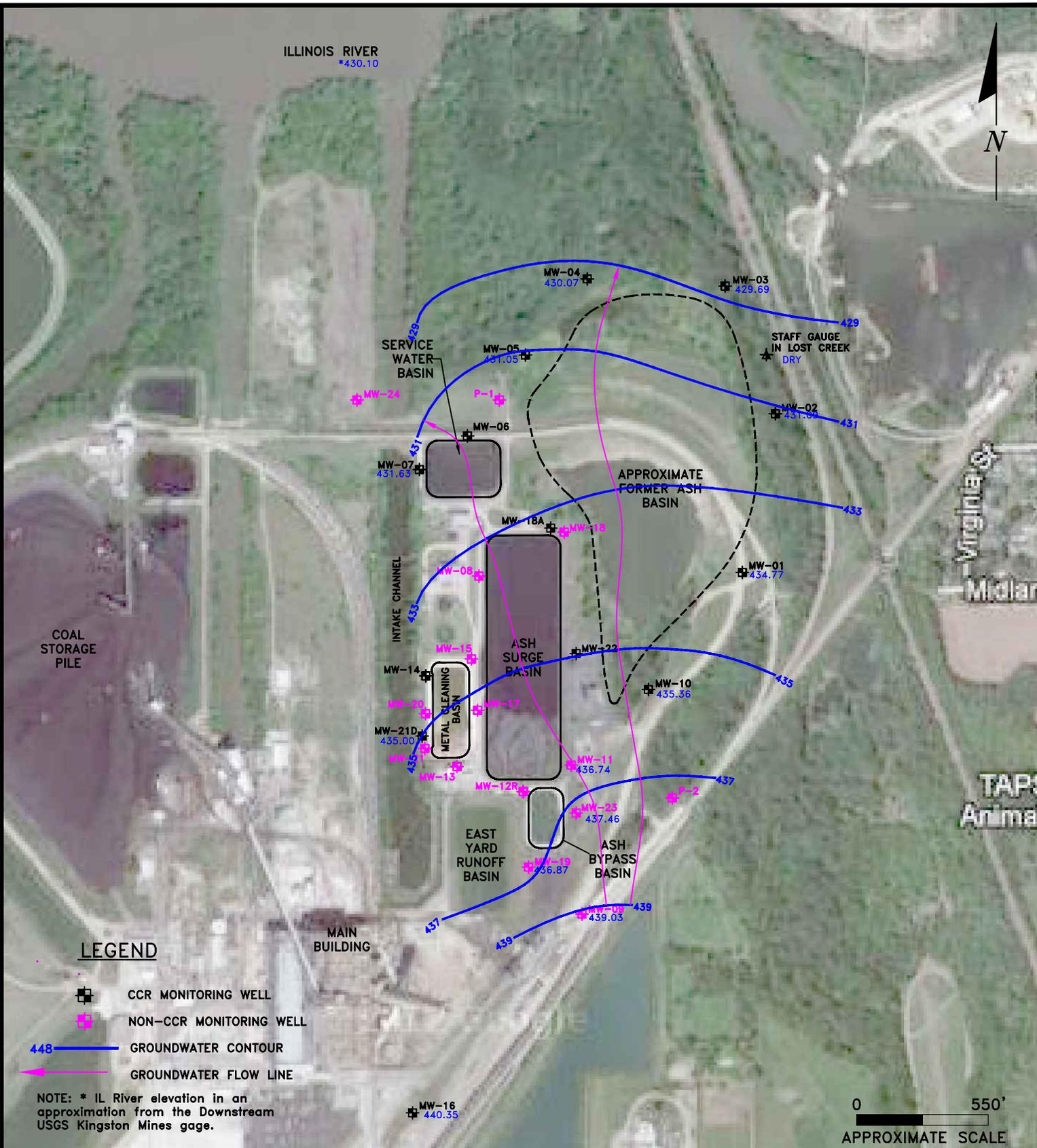
Date: December 22, 2025

KPRG Project No. 12313.1

ATTACHMENT 2

W:\Projects\Midwest\Generation\12313.Ash Pond Groundwater\Figures\Powerston_CCR

ILLINOIS RIVER
*430.10



LEGEND

- CCR MONITORING WELL
- NON-CCR MONITORING WELL
- GROUNDWATER CONTOUR
- GROUNDWATER FLOW LINE

NOTE: * IL River elevation in an approximation from the Downstream USGS Kingston Mines gage.



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**POTENTIOMETRIC MAP
SAND/GRAVEL UNIT 12/2025**

**POWERTON STATION
PEKIN, ILLINOIS**

Scale: 1" = 550' | Date: December 30, 2025

KPRG Project No. 12313.1 | ATTACHMENT 2

W:\Projects\Midwest\Generation\12313 Ash Pond Groundwater Figures\Powerton\CCR

ATTACHMENT D
2025 MONTHLY SURFACE
IMPOUNDMENT WATER ELEVATIONS

Pond	Date	Basin Gauge Level (ft)	Basin Surface Elevation (ft above MSL)
Ash Bypass Basin	12/30/2021	2.1	459.1
	1/6/2022	2.2	459.2
	2/7/2022	2.2	459.2
	3/1/2022	2.2	459.2
	4/22/2022	1.5	459.2
	5/24/2022	3.3	460.3
	6/6/2022	2.1	459.1
	8/29/2022	1.6	458.6
	9/28/2022	1.3	458.7
	10/26/2022	1.4	458.4
	11/14/2022	1.4	458.4
	12/28/2022	2.0	459
	1/24/2023	2.0	459
	2/20/2023	2.0	459
	3/28/2023	1.9	458.9
	4/25/2023	1.9	458.9
	5/15/2023	1.9	458.9
	6/26/2023	LOW	LOW
	7/25/2023	1.0	458
	8/28/2023	1.8	458.8
	9/28/2023	1.7	458.8
	10/27/2023	1.9	458.9
	11/6/2023	1.8	458.8
	12/21/2023	2.0	459
	1/24/2024	2.4	459.7
	2/19/2024	2.2	459.2
	3/26/2024	DRY	DRY
	4/12/2024	DRY	DRY
	5/15/2024	DRY	DRY
	6/17/2024	DRY	DRY
	7/25/2024	DRY	DRY
	8/21/2024	DRY	DRY
	9/9/2024	DRY	DRY
	10/29/2024	4.7	461.7
	11/18/2024	4.4	461.4
	12/10/2024	4.5	461.5
	1/7/2025	4.4	461.4
	2/24/2025	4.3	461.4
	3/28/2025	4.4	461.4
	4/24/2025	4.4	461.4
5/19/2025	4.4	461.4	
6/27/2025	4.4	461.4	
7/22/2025	4.4	461.4	
8/11/2025	4.4	461.4	
9/15/2025	4.4	461.4	
10/21/2025	4.4	461.4	
11/10/2025	4.4	461.4	
12/18/2025	4.4	461.4	

DRY- Ash Bypass Basin pond was emptied for new liner.

LOW- Water level in basin was below installed gauge.

Pond	Date	PI System Reading (in)	Basin Surface Elevation (ft above MSL)
Ash Surge Basin	12/30/2021	44.0	462.33
	1/6/2022	38.0	461.83
	2/7/2022	57.0	463.42
	3/1/2022	44.0	462.33
	4/22/2022	52.0	463.00
	5/24/2022	44.0	462.33
	6/6/2022	37.0	461.75
	8/29/2022	49.0	462.75
	9/28/2022	58.0	463.50
	10/26/2022	50.0	462.83
	11/14/2022	45.0	462.42
	12/28/2022	56.0	463.33
	1/24/2023	50.0	462.83
	2/20/2023	41.0	462.08
	3/28/2023	52.0	463.00
	4/25/2023	53.0	463.08
	5/15/2023	50.0	462.83
	6/26/2023	45.0	462.42
	7/25/2023	70.0	464.50
	8/28/2023	49.0	462.75
	9/28/2023	55.0	463.25
	10/27/2023	65.0	464.1
	11/6/2023	43.0	462.3
	12/21/2023	61.0	464.9
	1/24/2024	50.0	461.7
	2/19/2024	48.8	461.8
	3/26/2024	55.3	462.0
	4/12/2024	44.1	461.2
	5/15/2024	45.6	461.4
	6/17/2024	60.0	462.6
	7/25/2024	53.1	462.0
	8/21/2024	51.4	461.9
	9/9/2024	53.0	462.0
	10/29/2024	9.1	458.3
11/18/2024	10.0	458.3	
12/10/2024	10.0	458.3	
1/7/2025	DRY	DRY	
2/24/2025	DRY	DRY	
3/28/2025	DRY	DRY	
4/24/2025	DRY	DRY	
5/9/2025	DRY	DRY	
6/27/2025	DRY	DRY	
7/22/2025	DRY	DRY	
8/11/2025	DRY	DRY	
9/15/2025	DRY	DRY	
10/21/2025	DRY	DRY	
11/10/2025	DRY	DRY	
12/18/2025	DRY	DRY	

Note: On October 15, 2024 the Ash Surge Basin was taken out of service.

Well ID	Date	Basin Gauge Level (ft)	Basin Surface Elevation (ft above MSL)
Former Ash Basin	12/30/2021	2.6	439.2
	1/6/2022	2.6	439.2
	2/7/2022	2.3	438.9
	3/1/2022	4.6	441.2
	4/22/2022	7.6	444.2
	5/24/2022	6.0	442.6
	6/6/2022	4.9	441.5
	7/25/2022	LOW	LOW
	8/29/2022	LOW	LOW
	9/28/2022	LOW	LOW
	10/26/2022	LOW	LOW
	11/14/2022	LOW	LOW
	12/28/2022	1.6	438.2
	1/24/2023	LOW	LOW
	2/20/2023	LOW	LOW
	3/28/2023	5.5	442.1
	4/25/2023	5.1	441.7
	5/15/2023	2.2	438.8
	6/26/2023	LOW	LOW
	7/25/2023	LOW	LOW
	8/28/2023	LOW	LOW
	9/27/2023	LOW	LOW
	10/27/2023	LOW	LOW
	11/6/2023	LOW	LOW
	12/21/2023	LOW	LOW
	1/24/2024	LOW	LOW
	2/19/2024	6.8	443.4
	3/26/2024	3.68	440.3
	4/12/2024	5.7	442.3
	5/15/2024	7.7	444.3
	6/17/2024	3.9	440.5
	7/25/2024	2.8	439.4
	8/21/2024	LOW	LOW
	9/9/2024	LOW	LOW
	10/29/2024	LOW	LOW
	11/18/2024	LOW	LOW
	12/10/2024	LOW	LOW
	1/7/2025	LOW	LOW
	2/24/2025	LOW	LOW
	3/28/2025	LOW	LOW
4/24/2025	2.2	438.8	
5/19/2025	LOW	LOW	
6/27/2025	LOW	LOW	
7/22/2025	LOW	LOW	
8/11/2025	LOW	LOW	
9/16/2025	LOW	LOW	
10/21/2025	LOW	LOW	
11/10/2025	LOW	LOW	
12/18/2025	LOW	LOW	

Notes: LOW basin gauge level denotes a water level in the basin below the installed gauge height.

Well ID	Date	Basin Gauge Level (ft)	Basin Surface Elevation (ft above MSL)
Metal Cleaning Basin	12/30/2021	DRY	DRY
	1/6/2022	DRY	DRY
	2/7/2022	1.0	456.9
	3/1/2022	1.0	456.9
	4/22/2022	DRY	DRY
	5/24/2022	3.4	459.3
	6/6/2022	DRY	DRY
	8/29/2022	DRY	DRY
	9/28/2022	DRY	DRY
	10/26/2022	DRY	LOW
	11/14/2022	DRY	LOW
	12/28/2022	2.2	458.1
	1/24/2023	2.5	458.4
	2/20/2023	LOW	LOW
	3/28/2023	1.6	457.5
	4/25/2023	8.0	463.9
	5/15/2023	LOW	LOW
	6/26/2023	DRY	DRY
	7/25/2023	LOW	LOW
	8/28/2023	LOW	LOW
	9/28/2023	LOW	LOW
	10/27/2023	0.6	456.5
	11/6/2023	LOW	LOW
	12/21/2023	LOW	LOW
	1/24/2024	0.9	456.8
	2/19/2024	1.0	456.9
	3/26/2024	1.0	456.9
	4/12/2024	2.4	458.3
	5/15/2024	5.9	461.8
	6/17/2024	5.7	461.6
	7/25/2024	0.5	456.4
	8/21/2024	LOW	LOW
	9/9/2024	DRY	DRY
	10/29/2024	DRY	DRY
	11/18/2024	LOW	LOW
	12/10/2024	6.5	462.4
	1/7/2025	1.0	456.9
	2/24/2025	1.0	456.9
	3/28/2025	DRY	DRY
	4/24/2025	DRY	DRY
5/19/2025	DRY	DRY	
6/27/2025	DRY	DRY	
7/22/2025	DRY	DRY	
8/11/2025	LOW	LOW	
9/16/2025	DRY	DRY	
10/21/2025	DRY	DRY	
11/10/2025	DRY	DRY	
12/18/2025	DRY	DRY	

DRY- no water in basin

LOW- water in basin is below installed gauge level