Illinois Environmental Protection Agency

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

COAL COMBUSTION RESIDUALS G NDWATER, LEACHATE, ND FACILITY REPORTING FORM

This form must be used as a cover sheet for the notices and reports identified below as required by th 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: Waukegan Generating Station

Facility Address: 401 E. Greenwood Ave, Waukegan, IL

Site ID #: 0971905013 Fed ID #: _____

2.0 Type of Submission

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

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

	Groundwater	Leachate
____	Quarterly - Enter 1, 2, 3, or 4	____Quarterly - Enter 1, 2, 3, or 4
	☐ Semi Annual	☐ Semi Annual
	☐ Annual	☐ Annual

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

____Quarterly - Enter 1, 2, 3, or 4

☐ Semi Annual

☐ Annual

☐ Well Construction Information

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

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

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

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

☑ Annual Consolidated Report (35 IAC 845.550(a))

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

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

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

☐ Assessment o orrective Measures (35 IAC 845.660(a)(2))

☐ Corrective Action
- ☐ Se nnual 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

From: Midwest Generation, LLC Waukegan Station

Date: January 30, 2026

Re: Midwest Generation, LLC – Waukegan Generating Station
Account No. W0971900021
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 Waukegan Generating Station:

Pond ID	CCR Surface Impoundment Description
W0971900021-01	East Ash Pond
W0971900021-02	West Ash Pond

The certification pages from the Hazard Potential Classification Assessment, Structural Stability Assessment, Safety Factor Assessment, and Inflow Design Flood Control System Plan have been provided in Attachment B. Full copies 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
WAUKEGAN GENERATING STATION

EAST ASH POND – W0971900021-01
WEST ASH POND – W0971900021-02

ATTACHMENT A
2025 ANNUAL CCR FUGITIVE DUST CONTROL REPORT

Annual CCR Fugitive Dust Control Report
Waukegan Generating Station
401 East Greenwood Avenue, Waukegan, 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 Waukegan Generating Station, operated by Midwest Generation, LLC (MWG), is located at 401 East Greenwood Avenue, Waukegan, Lake County, Illinois. The facility retired its coal-fired electric power generating units in 2022 and currently operates oil-fired electric power generating units. The station occupies approximately 200 acres. There are currently two coal-fired units, Units 7 and 8, that ceased coal-burning operations in May 2022. There are four peaker units at the site, fired by fuel oil. 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 disposal management of CCR that is generated from the combustion of coal. CCR units associated with the station include the East Ash Pond and West Ash Pond.

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 Waukegan 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 Waukegan 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).

2.0 Actions Taken to Control CCR Fugitive Dust

As detailed in the facility's CCR Fugitive Dust Control 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 West Ash Pond and East Ash Pond

The East Ash Pond is filled with water, thereby suppressing any potential fugitive dust emissions. The West Ash Pond had been dewatered and dredged, with de minimis amounts of CCR and subsequent stormwater accumulation remaining. When the ponds need to be dewatered and the sediment removed off site to a licensed landfill, 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 ponds are 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, the height of the staged material is minimized and the material piles are either sprayed with water or covered, as necessary. Loading activities also are limited during such occasions. Haul trucks are covered with tarps once they have been loaded.

No CCR was removed from the ash ponds during the reporting period.

2.2 Maintenance Storage Area

The roll-off boxes in the Maintenance Storage Area only periodically contain bottom ash and slag, fly ash and other ash-related materials generated from decommissioning activities. Typically, the bottom ash and slag was in a wet state when placed into the containers but fly ash was in a dry state. When the roll-off boxes were filled, the material was promptly removed to an off-site licensed facility. The Maintenance Storage Area was assessed on a quarterly basis or more frequently during excessively dry and windy conditions. If ash material was observed outside a roll-off box, it was collected and placed into the container. All roll-off boxes were covered while staged in the Maintenance Storage Area and during removal off site. With the retirement of Units 7 and 8, the Maintenance Storage Area was used infrequently during decommissioning activities.

2.3 Ash Transport Roadways

During CCR hauling activities, truck drivers are instructed on the proper procedure for cleaning trucks and roll-off boxes before removal and a vehicle speed limit is enforced at the facility. Ash material that may not have been adequately removed from the trucks or roll-off boxes 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 to a licensed landfill.

3.0 Fugitive CCR Dust Assessments

Pursuant to §845.500(b)(3), assessments of the potential fugitive dust emission sources identified in the Waukegan 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 will be recorded on a form similar to the one included in Appendix B of the Waukegan 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 will be performed as soon as feasible. If the assessment finds that the Plan does not effectively minimize the CCR from becoming airborne, the Plan will be 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. Phillip Raush
Plant Manager
815-207-5412

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 Waukegan station with regard to fugitive dust emission incidents. In line with established protocols and within 24 hours of receipt, the station's environmental coordinator enters the citizen complaint into MWG's Environmental Management Information System (EMIS) database. The EMIS database would then automatically forwards notice of the complaint to the station manager and MWG's corporate environmental department. Following initial evaluation of the complaint, MWG would then conduct a thorough investigation to confirm the reported incident/conditions and implement corrective actions as may be warranted.

No complaints were registered during this Annual Report's period of record covering January through December 2025.

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 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

MWG
Midwest Generation, LLC

Midwest Generation, LLC
Waukegan Generating Station
401 E. Greenwood Ave.
Waukegan, Illinois 60087

April 8, 2025

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

Re: Midwest Generation, LLC – Waukegan Generating Station
Account No. W0971900021
Pond IDs: W0971900021-01, W0971900021-02
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 Waukegan 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,

Phillip Raush
Plant Manager
Waukegan Generating Station

MWG
Midwest Generation, LLC

Midwest Generation, LLC
Waukegan Generating Station
401 E. Greenwood Ave.
Waukegan, Illinois 60087

July 3, 2025

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

Re: Midwest Generation, LLC – Waukegan Generating Station
Account No. W0971900021
Pond IDs: W0971900021-01, W0971900021-02
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 Waukegan 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,

Phillip Raush
Plant Manager, Waukegan Generating Station

MWG
Midwest Generation, LLC

Midwest Generation, LLC
Waukegan Generating Station
401 E. Greenwood Ave.
Waukegan, Illinois 60087

October 6, 2025

Illinois Environmental Protection Agency
Bureau of Land - # 33
Permit Section
2520 West Iles Avenue
Springfield, IL 62704

Re: Midwest Generation, LLC – Waukegan Generating Station
Site ID: 0971905013
Log Nos.: 2021-512, 2021-513
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 Waukegan Generating Station. There were no complaints received from members of the public during the period July 1, 2025 through September 30, 2025.

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

Sincerely,

Phillip Raush
Plant Manager, Waukegan Generating Station

MWG
Midwest Generation, LLC

Midwest Generation, LLC
Waukegan Generating Station
401 E. Greenwood Ave.
Waukegan, Illinois 60087

January 13, 2026

Illinois Environmental Protection Agency
Bureau of Land - # 33
Permit Section
2520 West Iles Avenue
Springfield, IL 62704

Re: Midwest Generation, LLC – Waukegan Generating Station
Site ID: 0971905013
Log Nos.: 2021-512, 2021-513
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 Fourth Quarter 2025 at Waukegan Generating Station. There were no complaints received from members of the public during the period October 1, 2025 through December 31, 2025.

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

Sincerely,

(MARK WEHLING)

FOR Phillip Raush
Plant Manager, Waukegan Generating Station

ATTACHMENT B
2025 ANNUAL INSPECTION REPORT

ANNUAL INSPECTION REPORT
EAST ASH POND AND WEST ASH POND
WAUKEGAN 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 Code of Federal Regulation (40 CFR) Section 257.83(b) for the East Ash Pond and West Ash Pond at Waukegan Station (Station) in Waukegan, Illinois. The purpose of this project is to perform the annual inspection of the East and West Ash Ponds 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 a qualified person employed by Midwest Generation, LLC, 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 East and West Ash Ponds 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: Estimation of the approximate volume of the impounded water and CCR at the time of the inspection.

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

The East Ash Pond and West Ash Pond are both CCR surface impoundments with each pond approximately 10 acres in size. Both ponds are CCR surface impoundment that only receive stormwater. Placement of CCRs into the Ponds ceased in 2022 and placement of process water ceased in 2022. Placement of stormwater, other than direct precipitation, ceased on May 21, 2024. CEC inspected both Ponds on October 7, 2025. At the time of our inspection the Ponds contained remnant CCRs. CEC inspected the pond and found no signs of distress that would suggest the stability or operation of the impounding structure is compromised.

1.0 CHANGES IN GEOMETRY

Both the East Ash Pond and West Ash Pond geometry was observed to be unchanged since the October 2024 inspection.

2.0 INSTRUMENTATION

Instrumentation associated with the Ponds included a water level monitoring device in the west outlet structure for the West Pond. Our interview of station personnel and review of weekly inspection reports concluded that the water level monitors are operating properly. No other instrumentation was reported or observed that would be associated with the hydraulic structures, impoundment embankments, and/or slope performance.

3.0 CAPACITY AND IMPOUNDED VOLUME

Capacity and impounded volumes for the East Ash Pond and West Ash Pond and estimated depth of impounded water and CCR are represented in Table 1 and 2, attached. Volumes and depths were determined by reviewing inspection reports, construction drawings, and from modeling using existing topographic data.

4.0 STRUCTURAL/OPERATIONAL OBSERVATIONS

Both the East Ash Pond and West Ash Pond were inspected for signs of distress that would have the potential to disrupt operation and safety of the ponds. None were observed. Prior to inspection, CEC reviewed the previous annual inspection reports, which did not identify conditions that indicate an actual or potential structural weakness. Weekly inspection reports were also reviewed and did not indicate an actual or potential structural weakness.

5.0 OTHER CHANGES

The East Ash Pond and West Ash Pond were inspected for other signs of other changes or distress that would have the potential to disrupt operation and safety of the ponds. Our inspection showed no distresses that would affect the operation and/or stability of either the East Ash Pond or West Ash Pond.

6.0 LIMITATIONS AND CERTIFICATION

This 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 16, 2025

Illinois Professional Engineer No.: 062-051317

Expiration Date: November 30, 2025

Table 1: Inspection Summary - East Ash Pond

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 0.0 Feet, maximum	None
CCR Depth	§845.450(b)(2)(C) §257.83(b)(2)(iii)	2 to 14 Feet	None
Estimated Storage Capacity	§845.450(b)(2)(D) §257.83(b)(2)(iv)	143.8 Acre Feet	None
Impounded Water Volume	§845.450(b)(2)(E) §257.83(b)(2)(v)	0 Acre Feet	None
Impounded CCR Volume	§845.450(b)(2)(E) §257.83(b)(2)(v)	26 Acre Feet	None
Structural/Operational Observations	§845.450(b)(2)(F) §257.83(b)(2)(vi)	No longer accepting CCR	None
Other Changes	§845.450(b)(2)(G) §257.83(b)(2)(vii)	None	None

Table 2: Inspection Summary - West Ash Pond

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)	Water level at outlet structure	None
Water Depth	§845.450(b)(2)(C) §257.83(b)(2)(iii)	< 1 Foot, minimum < 1 Foot, at inspection < 1 Foot, maximum	None
CCR Depth	§845.450(b)(2)(C) §257.83(b)(2)(iii)	Less than 1 Foot	None
Estimated Storage Capacity	§845.450(b)(2)(D) §257.83(b)(2)(iv)	138.5 Acre Feet	None
Impounded Water Volume	§845.450(b)(2)(E) §257.83(b)(2)(v)	Less Than 1 Acre Feet	None
Impounded CCR Volume	§845.450(b)(2)(E) §257.83(b)(2)(v)	Less Than 6 Acre Feet	None
Structural/Operational Observations	§845.450(b)(2)(F) §257.83(b)(2)(vi)	No longer accepting CCR	None
Other Changes	§845.450(b)(2)(G) §257.83(b)(2)(vii)	None	None

ATTACHMENT B.1
2025 ANNUAL HAZARD POTENTIAL CLASSIFICATION CERTIFICATION

the ponds' structural stabilities. Indeed, the 2025 annual safety factor assessment conducted pursuant to 35 Ill. Adm. Code 845.460 (Ref. 4) shows that the East and West Ash Ponds 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 August 28, 2025, condition assessment performed in support of the ponds' 2025 annual structural stability assessment under 35 Ill. Adm. Code 845.450 (Ref. 3).

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:

Digitally signed
by Thomas Dehlin
Date: 2025.10.13
21:24:04-05'00'

ATTACHMENT B.2
2025 ANNUAL STRUCTURAL STABILITY ASSESSMENT CERTIFICATION

Based on reviews of the East and West Ash Ponds' annual inspection reports (Refs. 5 through 12) and Google Earth aerial images (Ref. 3), there have been no significant modifications to either pond since their initial federal structural stability assessment was completed. Therefore, the conclusions documented therein regarding the stability of the ponds' southern dikes during low pool conditions at the unnamed channel south of the ponds remain valid for this 2025 assessment (see Appendix A).

4.0 RECOMMENDED CORRECTIVE MEASURES

(35 Ill. Adm. Code 845.450(b)(1))

Table 4-1 lists the corrective measures recommended for the East and West Ash Ponds in accordance with the findings documented in this 2025 structural stability assessment.

Table 4-1 – Recommended Corrective Measures for East & West Ash Ponds

Recommended Corrective Measure	Timeframe
Continue mowing vegetation taller than 12 inches and removing woody vegetation. Woody vegetation shall be removed in a manner that does not risk destabilizing the subject CCR surface impoundment or otherwise adversely affect the stability and safety of the CCR surface impoundment or personnel removing the woody vegetation.	Now, and As Required to Maintain Vegetative Cover Under 12 Inches
Remove the hydraulic structures passing through the East and West Ash Ponds' northern dikes.	During Closure Construction

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:

ATTACHMENT B.3
2025 ANNUAL SAFETY FACTOR ASSESSMENT CERTIFICATION

Table 4 – 2025 Illinois CCR Rule Factors of Safety for the East and West Ash Ponds at the Waukegan Generating Station

Loading Condition	East Ash Pond	West Ash Pond	Min. Allowable Factor of Safety
Long-Term, Maximum Storage Pool	≥ 1.50	≥ 1.50	**1.50**
Maximum Surcharge Pool	≥ 1.40	≥ 1.40	**1.40**
Seismic	≥ 1.00	≥ 1.00	**1.00**
Liquefaction	Note 1	Note 1	**1.20**

Notes: 1) The embankment soils for the Ponds are not considered susceptible to liquefaction because saturation of the embankment soils is unlikely based on the installed geomembrane liner system. A limited portion of the bottom of the embankments may become saturated with groundwater based on the design phreatic surface. Liquefaction triggering analyses of these saturated soils show that liquefaction and associated post-liquefaction shear strength loss is unlikely for the design seismic event (Ref. 3). Thus, liquefaction safety factors are not reported.

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:

ATTACHMENT B.4
2025 ANNUAL INFLOW DESIGN FLOOD CONTROL SYSTEM PLAN CERTIFICATION

5.3 RESULTS

There have been no significant modifications to the East and West Ash Ponds and no changes to the ponds' inflow design flood event since the latest hydrologic and hydraulic calculations were prepared in 2024. Therefore, the results and conclusions documented for the East and West Ash Ponds' inflow design flood control systems in the 2024 inflow design flood control system plan (Ref. 10) remain valid.

Table 5-1 summarizes the results from the latest hydrologic and hydraulic calculations performed for the East and West Ash Ponds. Based on these results, water entering the ponds during the inflow design flood event will not overtop the ponds' dikes. The freeboards in the East and West Ash Ponds during the design event were estimated to be 12.2 feet and 15.5 feet, respectively.

Table 5-1 – Summary of Hydrologic & Hydraulic Assessment Results for Waukegan East & West Ash Ponds

CCR Surface Impoundment	Illinois Hazard Potential Classification	Inflow Design Flood	Maximum Surface Water Elevation	Pond Crest Elevation
East Ash Pond	Class 2	1,000 Year	587.30 feet	599.50 feet
West Ash Pond	Class 2	1,000 Year	587.00 feet	602.50 feet

6.0 CONCLUSIONS

Based on the results in Table 5-1, Waukegan's East and West Ash Ponds have adequate hydraulic capacities to retain the 1,000-year flood event without water overtopping the ponds' dikes. Therefore, the East and West Ash Ponds are able to collect and control the inflow design flood event specified in 35 Ill. Adm. Code 845.510(a)(3).

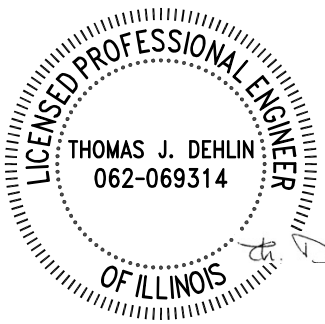
7.0 CERTIFICATION

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:



Digitally signed by Thomas Dehlin
Date: 2025.10.13 22:13:11-05'00'

ATTACHMENT C
2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

K P R G

ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

ILLINOIS CCR COMPLIANCE
ANNUAL GROUNDWATER MONITORING and CORRECTIVE ACTION REPORT - 2025

Midwest Generation, LLC
Waukegan Station
401 E. Greenwood Avenue
Waukegan, Illinois

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

January 31, 2026

TABLE OF CONTENTS

TABLES

FIGURES

ATTACHMENTS

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) have been completed for the ash pond monitoring wells located at the Midwest Generation, LLC (Midwest Generation) Waukegan Generating Station. The wells sampled were selected to meet the monitoring requirements of the State CCR Rule for the West and East Ash Ponds. The CCR monitoring well network around these ponds consists of eight monitoring wells (MW-01 though MW-04, MW-09, MW-11, MW-14 and MW-16) as shown on Figure 1. Wells MW-09, MW-11 and MW-14 are upgradient wells. It is noted that during the 4th quarter sampling, monitoring wells MW-05, MW-06 and MW-07 were added to the State CCR sampling list associated with an Illinois Pollution Control Board (IPCB) initial ruling that the grassy field area west of the West Ash Pond will be considered a surface impoundment under the State CCR Rule. The ruling has been appealed; however, it has not been stayed. The noted three wells have been added to the CCR network as a result of this ruling with MW-06 being an upgradient monitoring well and MW-05 and MW-07 being down-gradient monitoring wells relative to the grassy field area. Only one round of quarterly sampling has been collected to date from these locations. All CCR groundwater monitoring data available to date, which includes data from previous groundwater monitoring under the Federal CCR Rule, are provided in Table 1. As part of the Application for Initial Operating Permit – Waukegan Generating Station submitted on October 31, 2021 (Application), *proposed* statistical background concentration calculations along with *proposed* site-specific Groundwater Protection Standards (GWPSs) for Illinois Environmental Protection Agency (Agency) review/approval. Table 3 summarizes the *proposed* background statistical concentrations for each parameter along with the site-specific *proposed* GWPSs in accordance with Section 845.600(a)(2). These are currently still under review by the Agency and, therefore, have not been finalized. However, for the purposes of evaluations required for the annual report, data comparisons will be presented relative to the "*proposed*" values for statistical background concentrations and site-specific GWPSs.

This overview of the 2025 groundwater monitoring period 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) – *Proposed* statistical background concentration calculations (see Table 2) were submitted to the Agency as part of the Application for Initial Operating Permit. This Application is currently still under Agency review. However, assuming that the Agency accepts the proposed background calculations, the groundwater monitoring for the 2025 reporting period has identified the following constituents with potential statistically significant increases (SSIs) above the *proposed* background concentrations. It is noted that other than those constituents identified in the next bullet, none of these potential SSI concentrations are above *proposed* site-specific GWPSs. The constituents and associated wells are:

- Barium: MW-09 and MW-11 (1st through 4th quarters), MW-14 (3rd quarter), MW-06 (4th quarter)
- Boron: MW-09 (3rd quarter), MW-16 (3rd and 4th quarters), MW-05 and MW-07 (4th quarter)
- Calcium: MW-05 and MW-07 (4th quarter)
- Fluoride: MW-09 (3rd quarter), MW-03 (1st, 2nd and 4th quarters), MW-02 and MW-16 (1st through 4th quarters), MW-04 (2nd through 4th quarters)
- Lithium: MW-09 (1st and 4th quarters), MW-05, MW-06 and MW-07 (4th quarter)
- Molybdenum: MW-01, MW-02, MW-03, MW-04, MW-09 and MW-16 (1st through 4th quarters), MW-11 (1st quarter), MW-05 and MW-07 (4th quarter)
- pH: MW-02 (1st and 4th quarters), MW-03 and MW-04 (1st through 4th quarters)
- Sulfate: MW-16 (1st through 4th quarters), MW-05 and MW-07 (4th quarter)
- Radium 226/228: MW-11 and MW-09 (4th quarter). Resample data has not yet been received from the lab.

Wells MW-06, MW-09, MW-11 and MW-14 are upgradient monitoring wells. It is noted that only one round of quarterly sampling has been collected to date for wells MW-05, MW-06 and MW-07 were added to the State CCR sampling network in 4th quarter 2025 associated with a recent IPCB ruling regarding the grassy field area west of the West Ash Pond. Eight rounds of representative quarterly sampling will be required to fulfill initial sampling statistical sampling requirements.

- Section 845.610(e)(4)(C and D) – *Proposed* GWPSs in accordance with Section 845.600(a)(2) (see Table 2) were submitted to the Agency as part of the Application for Initial Operating Permit. This Application is currently still under review by the Agency. However, assuming that the Agency accepts the *proposed* GWPSs, the groundwater monitoring for the 2025 reporting period has identified the following constituents above the *proposed* GWPSs:

  - Boron: MW-09 (3rd quarter), MW-16 (3rd and 4th quarters), MW-05 and MW-07 (4th quarter)
  - Calcium: MW-05 and MW-07 (4th quarter)
  - pH: MW-03 (1st through 4th quarters)
  - Lithium: MW-09 (1st and 4th quarters), MW-05, MW-06 and MW-07 (4th quarter)
  - Sulfate: MW-16 (1st through 4th quarters), MW-05 and MW-07 (4th quarter)
  - Molybdenum: MW-05 and MW-07 (4th quarter)
  - TDS: MW-07 (4th quarter)

  Well MW-06 and MW-09 are upgradient monitoring points. It is noted that only one round of quarterly sampling has been collected to date for wells MW-05, MW-06 and MW-07 were added to the State CCR sampling network in 4th quarter 2025 associated with a recent IPCB ruling regarding the grassy field area west of the West Ash Pond. Eight rounds of representative quarterly sampling will be required to fulfill initial sampling statistical sampling requirements.

- Section 845.610(e)(4)(E though H) – The East and West Ash Ponds are currently not in corrective action.

2.0 ANNUAL STATUS SUMMARY

As discussed in Section 1.0, the CCR monitoring well network around the East and West Ash Ponds consists of eight monitoring wells (MW-01 though MW-04, MW-09, MW-11, MW-14 and MW-16) as shown on Figure 1. Wells MW-09, MW-11 and MW-14 are upgradient wells. All CCR groundwater monitoring data available to date, which includes data from previous groundwater monitoring under the Federal CCR Rule, are provided in Table 1. The backup analytical packages have been previously provided as part of the 60-day submittal requirements. Table 2 summarizes the proposed background statistical concentrations for each parameter along with the site-specific *Proposed* GWPSs in accordance with Section 845.600(a)(2). These were included as part of the Initial Operating Permit Application referenced above. They are currently still under review by the Agency and, therefore, have not been finalized. However, for the purposes of evaluations required for this annual report, data comparisons will be presented relative to the "*proposed*" values for statistical background concentrations and site specific GWPSs.

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))

For the 2025 reporting period, the following key actions have been completed:

- Quarterly sampling of all parameters specified in Section 845.600(a) plus calcium and turbidity were completed and the associated 60-day data summary submittals were placed in the facility's operating record in accordance with Section 845.610(b)(3)(D).

- Water levels were recorded monthly for the specified CCR monitoring wells and pond water levels were concurrently recorded.

Key activities for the upcoming year include:

- Receipt of an approved Operating Permit which will facilitate finalization of the proposed statistical background concentrations and the proposed site specific GWPSs. Once these are accepted/finalized by the Agency, formal groundwater data comparisons and evaluations can be made based on quarterly monitoring results relative to these comparison criteria.

- Submit an amended Application for Initial Construction Permit with closure in-place for both ponds.

- Continued quarterly groundwater monitoring/reporting.

- Addition of the grassy field area west of the West Ash Pond as a regulated CCR surface impoundment under the State CCR Rule as decided by the IPCB. This ruling is currently under appeal. Depending on the results of the appeal, the Initial Operating Permit Application may need to be amended to include this area. It is noted that although this decision is being appealed, existing monitoring well MW-06 which is directly upgradient of this area has been added to the groundwater monitoring network starting with the 4th quarter 2025 sampling. In addition, monitoring wells MW-05 and MW-07 which are downgradient of this area have also been added to the 4th quarter sampling list.

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.

There were no monitoring wells installed or decommissioned during this reporting period. Monthly water levels were recorded from the specified CCR monitoring wells. The water levels are summarized in Table 3. Potentiometric surface maps for each round of water levels are provided in Attachment 1. Groundwater flow beneath the East and West Ash Ponds is consistently in an easterly direction. When monthly water levels are taken concurrently with a quarterly groundwater sampling event, groundwater elevations from non-CCR wells are also used in developing the groundwater flow maps. 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 for each CCR monitoring well along with sample dates is provided in Table 5.

Proposed statistical background concentration calculations (see Table 2) were submitted to the Agency as part of the Application for Initial Operating Permit. This Application is currently still under Agency review. However, assuming that the Agency accepts the *proposed* background calculations, the groundwater monitoring for the 2025 reporting has identified the following constituents with potential statistically significant increases (SSIs) above the *proposed* background concentrations:

- Barium: MW-09 and MW-11 (1st through 4th quarters), MW-14 (3rd quarter), MW-06 (4th quarter)
- Boron: MW-09 (3rd quarter), MW-16 (3rd and 4th quarters), MW-05 and MW-07 (4th quarter)
- Calcium: MW-05 and MW-07 (4th quarter)
- Fluoride: MW-09 (3rd quarter), MW-03 (1st, 2nd and 4th quarters), MW-02 and MW-16 (1st through 4th quarters), MW-04 (2nd through 4th quarters)
- Lithium: MW-09 (1st and 4th quarters), MW-05, MW-06 and MW-07 (4th quarter)

- Molybdenum: MW-01, MW-02, MW-03, MW-04, MW-09 and MW-16 (1st through 4th quarters), MW-11 (1st quarter), MW-05 and MW-07 (4th quarter)
- pH: MW-02 (1st and 4th quarters), MW-03 and MW-04 (1st through 4th quarters)
- Sulfate: MW-16 (1st through 4th quarters), MW-05 and MW-07 (4th quarter)
- Radium 226/228: MW-11 and MW-09 (4th quarter). Resample data has not yet been received from the lab.

Wells MW-06, MW-09, MW-11 and MW-14 are upgradient monitoring wells. As previously stated, other than those constituents identified in the second bullet in Section 1.0, none of these potential SSI concentrations are above *proposed* site-specific GWPSs. It is noted that only one round of quarterly sampling has been collected to date for wells MW-05, MW-06 and MW-07 were added to the State CCR sampling network in 4th quarter 2025 associated with a recent IPCB ruling regarding the grassy field area west of the West Ash Pond. Eight rounds of representative quarterly sampling will be required to fulfill initial sampling statistical sampling requirements.

TABLES

Table 1. Groundwater Analytical Results - Midwest Generation, LLC, Waukegan Station, Waukegan, IL.

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 Combined	Selenium	Thallium	Turbidity
MW-09 up-gradient	11/4/2015	13	210	450	0.14	6.60	370	1700	< 0.0030	< 0.0010	0.015	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.081	< 0.00020	0.26	0.1818	< 0.0025	< 0.0020	NA
	3/2/2016	35	380	720	0.11	7.02	970	2800	< 0.0030	0.060	0.050	< 0.0010	< 0.00050	0.043	< 0.0010	0.00061	0.094	< 0.00020	0.51	< 0.360	0.025	< 0.0020	NA
	5/3/2016	16	310	620	0.12	7.02	740	2500	< 0.0030	0.0014	0.025	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.083	< 0.00020	0.63	< 0.512	0.024	< 0.0020	NA
	8/25/2016	4.5	130	270	0.21	7.13	190	1100	0.0041	0.042	0.024	< 0.0010	0.0011	0.056	0.0027	0.0012	0.049	< 0.00020	0.063	0.482	0.039	< 0.0020	NA
	12/8/2016	15	200	330	0.18	7.01	270	1300	< 0.0030	0.0040	0.016	< 0.0010	0.00052	< 0.0050	< 0.0010	< 0.00050	0.077	< 0.00020	0.24	< 0.720	0.038	< 0.0020	NA
	2/23/2017	14	190	290	0.12	7.68	320	1300	< 0.0030	0.0027	0.014	< 0.0010	< 0.00050	0.059	0.0018	< 0.00050	0.068	< 0.00020	0.26	< 0.461	0.016	< 0.0020	NA
	5/16/2017	27	160	67	0.29	8.15	420	970	< 0.0030	< 0.0010	0.0094	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.045	< 0.00020	0.51	< 0.342	0.0085	< 0.0020	NA
	7/6/2017	21	220	430	0.13	7.18	610	1800	< 0.0030	0.0020	0.018	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.089	< 0.00020	0.31	< 0.316	0.021	< 0.0020	NA
	9/13/2017	21	250	420	0.14	7.17	520	1800	< 0.0030	0.0067	0.019	< 0.0010	< 0.00050	0.0052	0.0017	< 0.00050	0.069	< 0.00020	0.33	0.944	0.0041	< 0.0020	NA
	11/29/2017	26	200	390	0.13	7.05	390	1600	< 0.0030	0.0017	0.015	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.086	< 0.00020	0.47	0.625	0.042	< 0.0020	NA
	5/31/2018	32	200	29	0.10	6.85	490	1000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/6/2018	30	170	23	0.11	7.33	290	930	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/15/2019	26	120	260	0.13	7.53	31	1000	< 0.0030	< 0.0010	0.0073	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.035	< 0.00020	0.54	< 0.433	< 0.0025	< 0.0020	NA
	11/19/2019	22	160	17	0.16	8.04	300	750	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/22/2020	22	140	9.2	0.18	7.81	360	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/18/2020	28	250	290	0.18	7.43	420	1700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/6/2021	31	170	35	0.12	7.51	420	910	< 0.0030	< 0.0010	0.0075	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.040	< 0.00020	0.47	< 0.614	0.023	< 0.0020	3.44
	8/19/2021	7.2	150	170	0.13	7.01	210	350	< 0.0030	0.0019	0.015	< 0.0010	< 0.00050	< 0.0050	^+ < 0.0010	0.0015	0.066	< 0.00020	0.12	< 0.457	0.071	^+ < 0.0020	77.36
	11/4/2021	10	150	160	0.24	7.07	180	980	< 0.0030	0.0026	0.074	^1+ < 0.0010	< 0.00050	< 0.0050	0.0011	< 0.00050	0.060	< 0.00020	0.12	< 0.775	0.097	< 0.0020	12.66
	2/10/2022	9.5	190	220	0.17	7.11	270	1300	< 0.0030	0.015	0.033	< 0.0010	0.00076	< 0.0050	0.0038	< 0.00050	0.065	< 0.00020	0.21	< 0.523	0.036	< 0.0020	34.39
	5/24/2022	5.3	150	180	0.23	7.15	200	940	< 0.0030	0.0019	0.020	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.054	< 0.00020	0.18	< 0.444	< 0.0025	< 0.0020	170.87
	8/23/2022	12	170	170	0.22	7.14	290	1100	< 0.0030	0.0012	0.046	^1- < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.048	< 0.00020	0.21	0.487	0.0034	< 0.0020	34.90
	11/7/2022	6.4	160	200	0.51	6.98	220	1100	< 0.0030	0.0083	0.14	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	0.0013	0.0034	0.057	< 0.00020	0.088	2.58	< 0.0025	< 0.0020	195.02
	12/21/2022 (R)	NS	NS	NS	0.40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/14/2023	B 2.8	280	220	0.12	6.97	490	1500	< 0.0030	0.0011	0.074	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.062	< 0.00020	0.46	1.01	0.029	< 0.0020	20.46
	5/9/2023	4.7	140	220	0.23	7.08	200	890	< 0.0030	0.0011	0.021	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.045	< 0.00020	0.15	< 0.557	< 0.0025	< 0.0020	9.34
	8/8/2023	^+ 20	270	380	0.23	6.98	510	1800	< 0.0030	0.0021	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.062	< 0.00020	0.35	0.754	0.022	< 0.0020	18.85
	11/28/2023	2.6	96	170	0.33	7.15	130	750	< 0.0030	0.0071	0.061	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.053	< 0.00020	0.049	0.652	< 0.0025	< 0.0020	27.24
	2/6/2024	24	240	150	0.18	6.88	460	1300	^1+ < 0.0030	0.0035	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.20	< 0.00020	0.32	1.09	0.0070	< 0.0020	147.43
	5/21/2024	2.3	120	180	0.37	7.12	130	860	< 0.0030	0.027	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.047	< 0.00020	0.074	0.768	< 0.0025	< 0.0020	105.62
	8/13/2024	8.5	130	91	0.34	7.08	200	860	< 0.0030	0.0062	0.085	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.045	< 0.00020	0.14	1.10	< 0.0025	< 0.0020	10.56
	11/12/2024	2.8	130	170	0.32	7.12	130	870	< 0.0030	0.013	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.047	< 0.00020	0.055	0.92	< 0.0025	< 0.0020	15.83
	2/4/2025	2.9	130	160	0.27	7.16	180	890	< 0.0030	0.0077	0.070	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^5- 0.051	< 0.00020	0.053	< 0.507	< 0.0025	< 0.0020	7.13
	5/12/2025	2.3	130	150	0.29	7.04	140	700	< 0.0030	0.012	0.095	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.040	< 0.00020	0.043	0.914	< 0.0025	< 0.0020	19.45
	8/5/2025	8.0	150	230	0.40	6.98	240	1100	< 0.0030	0.018	0.13	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.038	< 0.00020	0.097	1.54	< 0.0025	< 0.0020	19.19
	11/18/2025	2.8	110	150	0.24	7.12	70	680	< 0.0030	0.026	0.097	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.054	< 0.00020	0.020	13.4	< 0.0025	< 0.0020	41.56
	1/9/2025 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	DNYA	NA	NA	NA
MW-11 up-gradient	11/5/2015	5.2	140	240	0.13	6.51	190	1100	< 0.0030	0.77	0.039	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0010	0.055	< 0.00020	< 0.0050	0.656	< 0.0025	< 0.0020	NA
	3/2/2016	4.0	170	240	0.10	7.16	210	1200	< 0.0030	0.55	0.048	< 0.0010	< 0.00050	0.0058	< 0.0010	0.0011	0.049	< 0.00020	< 0.0050	1.09	< 0.0025	< 0.0020	NA
	5/5/2016	5.0	140	280	0.11	7.17	160	1000	< 0.0030	0.51	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.057	< 0.00020	< 0.0050	1.24	< 0.0025	< 0.0020	NA
	8/26/2016	3.5	180	240	0.13	6.97	110	1100	< 0.0030	1.1	0.050	< 0.0010	< 0.00050	0.0055	< 0.0010	0.00050	0.055	< 0.00020	< 0.0050	1.04	< 0.0025	< 0.0020	NA
	12/7/2016	3.0	170	270	0.12	7.06	110	1200	< 0.0030	0.87	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.038	< 0.00020	< 0.0050	1.87	< 0.0025	< 0.0020	NA
	2/24/2017	2.4	180	220	4.9	6.61	170	1200	< 0.0030	0.58	0.047	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.039	< 0.00020	< 0.0050	0.982	< 0.0025	< 0.0020	NA
	5/18/2017	1.8	160	170	0.12	7.42	120	1000	< 0.0030	0.50	0.047	^ < 0.0010	< 0.00050	0.0056	< 0.0010	< 0.00050	0.036	< 0.00020	< 0.0050	1.31	< 0.0025	< 0.0020	NA
	7/6/2017	2.4	160	190	0.14	7.33	130	1100	< 0.0030	0.69	0.056	< 0.0010	< 0.00050	0.0057	< 0.0010	< 0.00050	0.041	< 0.00020	< 0.0050	0.889	< 0.0025	< 0.0020	NA
	9/13/2017	1.9	140	150	0.26	7.16	96	870	< 0.0030	0.86	0.036	< 0.0010	< 0.00050	0.0080	< 0.0010	0.00071	0.037	< 0.00020	0.0054	0.718	< 0.0025	< 0.0020	NA
	11/30/2017	2.2	170	200	0.14	6.99	93	1100	< 0.0030	0.59	0.050	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.041	< 0.00020	< 0.0050	1.21	< 0.0025	< 0.0020	NA
	5/31/2018	1.5	210	160	0.10	6.74	130	1100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/6/2018	2.3	170	150	0.12	7.21	78	990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/15/2019	3.2	120	260	0.13	7.14	31	1000	< 0.0030	0.30	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.038	< 0.00020	< 0.0050	1.50	< 0.0025	< 0.0020	NA
	11/19/2019	4.1	130	200	0.15	7.51	29	860	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/22/2020	3.2	110	150	0.15	7.16	47	740	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/19/2020	2.3	140	130	0.20	7.00	28	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/6/2021	2.4	130	120	0.15	7.13	45	770	< 0.0030	0.44	0.044	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.038	< 0.00020	< 0.0050	1.70	< 0.0025	< 0.0020	2.34
	8/19/2021	1.3	140	88	0.16	6.95	45	730	< 0.0030	1.1	0.055	< 0.0010	< 0.00050	0.0057	^+ < 0.0010	< 0.00050	0.033	< 0.00020	< 0.0050	1.89	< 0.0025	^+ < 0.0020	139.34
	11/4/2021	1.6	130	100	0.16	6.80	45	740	< 0.0030	0.90	0.052	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.037	< 0.00020	0.0058	1.35	^6+^+ < 0.0025	< 0.0020	152.70
	2/10/2022	1.2	150	87	0.17	7.12	44	860	< 0.0030	0.68	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.032	< 0.00020	< 0.0050	0.839	< 0.0025	< 0.0020	13.80
	5/24/2022	1.8	150	95	0.14	6.78	21	820	< 0.0030	0.18	0.041	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.037	< 0.00020	< 0.0050	1.21	< 0.0025	< 0.0020	2.18
	8/23/2022	1.4	140	97	0.18	7.01	30	780	< 0.0030	0.43	0.053	^1- < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.031	< 0.00020	< 0.0050	1.05	< 0.0025	< 0.0020	3.17
	11/8/2022	1.4	150	100	0.21	6.87	26	790	< 0.0030	0.55	0.064	^1+ ^+ < 0.0010	< 0.00050	0.0050	< 0.0010	0.0032	0.034	< 0.00020	< 0.0050	2.02	< 0.0025	< 0.0020	* 7771.57
	2/14/2023	1.0	150	100	0.15	6.92	36	730	< 0.0030	0.26	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.030	< 0.00020	< 0.0050	1.48	< 0.0025	< 0.0020	5.12
	5/9/2023	1.2	140	100	0.15	6.99	55	790	< 0.0030	0.14	0.051	^+ < 0.0010	< 0.00050	0.0051	< 0.0010	< 0.00050	0.026	< 0.00020	< 0.0050	0.927	< 0.0025	< 0.0020	16.30
	8/8/2023	^+ 1.2	140	90	0.16	6.95	67	800	< 0.0030	0.46	0.059	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.025	< 0.00020	< 0.0050	2.37	< 0.0025	< 0.0020	11.59
	11/28/2023	1.2	130	82	0.16	7.02	81	790	< 0.0030	0.52	0.069	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.026	< 0.00020	< 0.0050	2.37	< 0.0025	< 0.0020	7.01
	2/6/2024	1.2	140	92	0.14	6.94	66	840	^1+ < 0.0030	0.13	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.031	< 0.00020	< 0.0050	1.53	< 0.0025	< 0.0020	5.32
	5/21/2024	1.3	140	93	0.16	6.90	67	800	< 0.0030	0.10	0.052	< 0.0010	< 0.00050	0.0051	< 0.0010	< 0.00050	0.030	< 0.00020	< 0.0050	1.23	< 0.0025	< 0.0020	6.08
	8/13/2024	1.2	150	82	0.18	6.93	48	740	< 0.0030	0.16	0.053	< 0.0010	< 0.00050	0.0057	< 0.0010	< 0.00050	0.033	< 0.00020	< 0.0050	2.13	< 0.0025	< 0.0020	6.04
	11/12/2024	1.7	100	110	0.17	6.91	37	630	< 0.0030	0.41	0.029	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.031	< 0.00020	0.0081	< 1.17	< 0.0025	< 0.0020	77.59
	2/4/2025	1.9	140	130	0.15	6.97	55	670	< 0.0030	8.3	0.28	^1+ < 0.0010	< 0.00050	0.017	< 0.0010	< 0.00050	^5- 0.029	< 0.00020	0.012	2.26	< 0.0025	< 0.0020	847.22
	5/12/2025	0.95	150	65	0.17	6.93	43	700	< 0.0030	2.8	0.14	^1+ < 0.0010	< 0.00050	0.011	< 0.0010	< 0.00050	0.027	< 0.00020	< 0.0050	13.2	< 0.0025	< 0.0020	1297.73
	7/9/2025 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.74	NA	NA	NA
	8/5/2025	0.94	140	F1 67	0.24	6.83	40	700	< 0.0030	0.59	0.068	^1+ < 0.0010	< 0.00050	0.0057	< 0.0010	< 0.00050	0.029	< 0.00020	< 0.0050	2.12	< 0.0025	< 0.0020	18.32
	11/18/2025	1.7	150	98	0.2	6.95	44	660	< 0.0030	12	0.18	< 0.0010	< 0.00050	0.019	< 0.0010	0.00058	0.037	< 0.00020	0.0054	10.9	< 0.0025	< 0.0020	657.17
	1/9/2025 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	DNYA	NA	NA	NA
MW-14 up-gradient	11/5/2015	1.4	150	190	0.19	6.78	140	1000	< 0.0030	0.19	0.052	^ < 0.0010	< 0.00050	0.010	0.0012	< 0.00050	0.025	< 0.00020	< 0.0050	0.7087	< 0.0025	< 0.0020	NA
	3/2/2016	0.93	150	110	0.17	7.24	150	870	0.015	4.3	0.12	< 0.0010	< 0.00050	1.1	0.0036	0.00068	0.019	< 0.00020	< 0.0050	1.36	< 0.0025	< 0.0020	NA
	5/5/2016	1.2	170	120	0.18	7.17	190	980	< 0.0030	0.35	0.054	< 0.0010	< 0.00050	0.017	0.0014	< 0.00050	0.021	< 0.00020	< 0.0050	< 0.488	< 0.0025	< 0.0020	NA
	8/26/2016	1.5	200	210	0.12	7.00	190	1300	< 0.0030	1.0	0.058	< 0.0010	< 0.00050	0.021	< 0.0010	< 0.00050	0.026	< 0.00020	< 0.0050	0.75	< 0.0025	< 0.0020	NA
	12/7/2016	0.95	240	340	0.25	6.81	120	1100	0.010	19	0.42	< 0.0010	0.00089	4.6	0.0025	0.00084	0.022	< 0.00020	0.0094	< 0.866	0.014	< 0.0020	NA
	2/23/2017	0.73	150	99	0.19	6.88	110	730	0.0061	9.3	0.36	< 0.0010	0.0010	4.6	0.0070	0.00095	0.017	< 0.00020	< 0.0050	< 0.514	0.0031	< 0.0020	NA
	5/18/2017	0.81	120	130	0.30	7.62	70	590	0.0035	3.3	0.44	^< 0.0010	0.0020	4.8	0.0041	0.00054	0.013	0.00043	< 0.0050	0.779	< 0.0025	< 0.0020	NA
	7/6/2017	1.2	190	180	0.13	7.29	190	1300	< 0.0030	0.40	0.071	< 0.0010	< 0.00050	0.026	0.0013	< 0.00050	0.034	< 0.00020	< 0.0050	0.549	< 0.0025	< 0.0020	NA
	9/13/2017	2.3	180	190	0.15	7.20	270	1200	< 0.0030	0.52	0.065	< 0.0010	< 0.00050	0.0078	< 0.0010	< 0.00050	0.025	< 0.00020	< 0.0050	< 0.359	< 0.0025	< 0.0020	NA
	11/30/2017	0.85	170	130	0.19	7.33	99	940	0.0093	21	0.27	^ < 0.0010	0.00068	3.2	0.0021	< 0.00050	0.023	< 0.00020	0.0055	1.01	0.0072	< 0.0020	NA
	6/1/2018	0.54	100	57	0.28	6.89	42	410	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/6/2018	0.98	160	110	0.24	7.36	53	610	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/15/2019	0.69	110	190	0.23	7.25	35	780	0.0036	2.7	0.091	< 0.0010	< 0.00050	0.71	< 0.0010	< 0.00050	0.014	< 0.00020	< 0.0050	0.766	< 0.0025	< 0.0020	NA
	11/19/2019	0.62	130	68	0.16	7.58	21	630	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/22/2020	0.43	120	20	0.21	7.16	9.5	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/19/2020	0.71	130	40	0.20	7.09	20	520	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/6/2021	0.45	130	41	0.19	7.16	28	390	< 0.0030	0.91	0.050	< 0.0010	< 0.00050	0.037	< 0.0010	< 0.00050	0.015	< 0.00020	< 0.0050	< 0.739	< 0.0025	< 0.0020	901.40
	8/19/2021	0.48	130	32	0.13	6.96	34	450	< 0.0030	3.3	0.046	< 0.0010	< 0.00050	0.045	^+ < 0.0010	< 0.00050	0.013	< 0.00020	< 0.0050	< 0.597	< 0.0025	^+ < 0.0020	77.04
	11/4/2021	0.66	120	37	0.21	7.15	72	580	0.0046	0.37	0.036	^1+ < 0.0010	< 0.00050	0.12	< 0.0010	< 0.00050	0.014	< 0.00020	0.0078	< 0.798	0.016	< 0.0020	7.42
	2/10/2022	0.50	150	30	0.16	7.29	58	760	< 0.0030	0.89	0.054	< 0.0010	< 0.00050	0.19	< 0.0010	< 0.00050	0.014	< 0.00020	< 0.0050	0.658	< 0.0025	< 0.0020	81.72
	5/24/2022	0.62	120	33	0.17	7.11	43	570	0.0038	0.60	0.042	^+ < 0.0010	< 0.00050	0.028	< 0.0010	< 0.00050	0.012	< 0.00020	0.0053	< 0.656	< 0.0025	< 0.0020	43.52
	8/23/2022	0.58	150	52	0.15	7.03	28	740	< 0.0030	2.7	0.057	^1- < 0.0010	< 0.00050	0.034	< 0.0010	< 0.00050	0.012	< 0.00020	< 0.0050	0.588	< 0.0025	< 0.0020	24.76
	11/8/2022	0.65	150	46	0.20	6.99	28	650	< 0.0030	2.1	0.053	^1+ ^+ < 0.0010	< 0.00050	0.099	< 0.0010	0.0034	0.019	< 0.00020	0.0051	2.04	< 0.0025	< 0.0020	311.78
	2/14/2023	0.44	120	23	0.14	6.87	36	480	< 0.0030	1.7	0.047	< 0.0010	< 0.00050	0.71	< 0.0010	< 0.00050	0.012	< 0.00020	< 0.0050	1.12	< 0.0025	< 0.0020	660.17
	5/9/2023	0.42	110	17	0.18	7.07	24	460	0.0030	0.33	0.038	^+ < 0.0010	< 0.00050	0.039	< 0.0010	< 0.00050	0.013	< 0.00020	< 0.0050	0.666	< 0.0025	< 0.0020	16.57
	8/8/2023	^+ 0.48	110	21	0.14	7.11	23	480	< 0.0030	3.5	0.048	< 0.0010	< 0.00050	0.13	< 0.0010	< 0.00050	0.010	< 0.00020	< 0.0050	< 0.772	< 0.0025	< 0.0020	10.85
	11/28/2023	0.52	130	25	0.16	7.05	< 5.0	600	< 0.0030	1.4	0.035	^1+ < 0.0010	< 0.00050	0.17	< 0.0010	< 0.00050	0.013	< 0.00020	< 0.0050	0.914	< 0.0025	< 0.0020	220.56
	2/6/2024	0.47	130	23	0.14	6.95	36	560	^1+ < 0.0030	0.42	0.031	< 0.0010	< 0.00050	0.078	< 0.0010	< 0.00050	0.012	< 0.00020	< 0.0050	1.44	< 0.0025	< 0.0020	80.17
	5/21/2024	0.49	110	9.9	0.21	6.95	16	430	0.0030	0.67	0.036	< 0.0010	< 0.00050	0.098	< 0.0010	< 0.00050	0.014	< 0.00020	< 0.0050	0.91	< 0.0025	< 0.0020	38.51
	8/13/2024	0.50	130	15	0.16	7.06	8.5	510	< 0.0030	3.1	0.057	< 0.0010	< 0.00050	0.20	0.0015	< 0.00050	0.013	< 0.00020	< 0.0050	< 0.884	< 0.0025	< 0.0020	59.22
	11/12/2024	0.54	130	25	0.14	6.96	5.9	550	< 0.0030	6.6	0.081	< 0.0010	< 0.00050	0.66	< 0.0010	< 0.00050	0.014	< 0.00020	< 0.0050	< 0.914	< 0.0025	< 0.0020	54.91
	2/4/2025	0.47	130	47	0.20	7.01	15	550	< 0.0030	2.5	0.052	^1+ < 0.0010	< 0.00050	0.61	< 0.0010	< 0.00050	^5- 0.013	< 0.00020	< 0.0050	0.949	0.0027	< 0.0020	107.49
	5/12/2025	0.45	150	34	0.15	6.84	18	560	< 0.0030	2.1	0.058	^1+ < 0.0010	< 0.00050	0.50	0.0011	< 0.00050	0.014	< 0.00020	< 0.0050	< 0.320	< 0.0025	< 0.0020	50.05
	8/5/2025	0.48	150	25	0.19	6.92	10	590	< 0.0030	4.2	0.069	^1+ < 0.0010	< 0.00050	0.49	< 0.0010	< 0.00050	0.015	< 0.00020	< 0.0050	< 1.190	< 0.0025	< 0.0020	109.75
	11/18/2025	0.68	150	32	0.22	6.89	15	590	< 0.0030	2.1	0.051	< 0.0010	< 0.00050	0.032	< 0.0010	< 0.00050	0.021	< 0.00020	< 0.0050	2.09	< 0.0025	< 0.0020	44.80

Notes: All units are in mg/L with the exceptions of pH (standard units), Radium (pCi/L), and Turbidity (NTU).
V- Serial dilution exceeds the control limits.
R- Resampling event
NA - Not analyzed.
DNYA- Data not yet available.

H - Sample preped or analyzed beyond specific holding time.
^ - Denotes instrument related QC exceeds the control limits
^+ - Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
^1+ - Initial Calibration Verification (iCV) is outside acceptance limits, high biased.

^5 - Linear Range Check (LRC) is outside acceptance limits, low biased
^6+ - Interference Check Standard (ICSA and/or ICSAB) is outside acceptance limits, high biased.
B- compound was found in the blank and the sample
* Water Quality Device sensor error; value considered erroneous

Table 1. Groundwater Analytical Results - Midwest Generation, LLC, Waukegan Station, Waukegan, IL.

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 Combined	Selenium	Thallium	Turbidity
MW-01 down-gradient	11/2/2015	1.8	64	71	0.46	10.93	310	560	< 0.0030	0.074	0.025	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.040	0.0683	0.0047	< 0.0020	NA
	3/1/2016	V 1.9	58	63	0.26	11.13	270	570	< 0.0030	0.10	0.026	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.059	< 0.317	< 0.0025	< 0.0020	NA
	5/4/2016	2.0	45	60	0.30	11.09	210	490	< 0.0030	0.11	0.017	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.069	< 0.40	< 0.0025	< 0.0020	NA
	8/23/2016	2.0	42	60	0.26	10.49	240	550	< 0.0030	0.074	0.012	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.065	< 0.478	0.0042	< 0.0020	NA
	12/5/2016	2.2	55	65	0.34	10.46	180	560	< 0.0030	0.13	0.017	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.070	< 0.465	0.0025	< 0.0020	NA
	2/21/2017	2.2	50	61	0.29	11.30	250	540	< 0.0030	0.15	0.016	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.069	0.516	< 0.0025	< 0.0020	NA
	5/15/2017	2.1	52	59	0.37	10.69	330	570	< 0.0030	0.14	0.017	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.062	< 0.424	0.0036	< 0.0020	NA
	7/5/2017	2.3	44	51	0.34	10.83	320	570	< 0.0030	0.066	0.014	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.059	< 0.289	0.0095	< 0.0020	NA
	9/14/2017	2.4	71	47	0.24	10.45	430	770	< 0.0030	0.040	0.033	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.047	< 0.383	0.0096	< 0.0020	NA
	11/27/2017	2.7	84	43	0.11	7.85	330	840	< 0.0030	0.021	0.055	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.034	0.568	0.0230	< 0.0020	NA
	5/29/2018	2.4	54	58	0.33	8.44	350	610	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/5/2018	2.0	38	43	0.25	8.70	210	630	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/14/2019	2.2	56	45	0.18	9.85	250	560	< 0.0030	0.067	0.032	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.053	0.36	< 0.0025	< 0.0020	NA
	11/19/2019	2.3	38	39	0.24	10.58	240	530	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/21/2020	2.8	55	25	0.22	9.40	240	470	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/17/2020	3.3	120	95	0.14	7.97	250	640	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/5/2021	< 5.0	66	67	0.22	9.00	180	430	< 0.0030	0.025	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.016	< 0.602	< 0.0025	< 0.0020	1.42
	8/18/2021	2.7	72	60	0.17	8.31	170	430	< 0.0030	0.023	0.044	< 0.0010	< 0.00050	< 0.0050	^+ < 0.0010	< 0.00050	< 0.010	< 0.00020	0.021	< 0.471	< 0.0025	^+ < 0.0020	2.33
	11/3/2021	2.9	67	60	0.22	8.56	180	440	< 0.0030	0.024	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+ < 0.010	< 0.00020	0.026	< 0.553	< 0.0025	< 0.0020	3.05
	2/8/2022	3.1	62	42	0.27	8.67	230	530	< 0.0030	0.023	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.002	< 0.0010	0.030	< 0.408	< 0.0025	< 0.0020	4.60
	5/23/2022	3.3	94	34	0.20	7.77	200	490	< 0.0030	0.018	0.053	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.026	< 0.434	< 0.0025	< 0.0020	2.92
	8/22/2022	2.8	52	43	0.34	8.60	190	430	< 0.0030	0.023	0.027	^1- < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.032	0.698	< 0.0025	< 0.0020	1.31
	11/7/2022	3.0	59	48	0.43	8.45	180	460	< 0.0030	0.024	0.030	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.026	0.944	< 0.0025	< 0.0020	41.21
	2/13/2023	2.6	46	63	0.24	8.58	170	440	< 0.0030	0.023	0.026	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.027	< 0.529	< 0.0025	< 0.0020	2.90
	5/8/2023	2.1	45	54	0.39	8.87	160	370	< 0.0030	0.022	0.027	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.023	< 0.507	< 0.0025	< 0.0020	3.21
	8/7/2023	^+ 1.8	46	50	0.40	9.08	150	340	< 0.0030	0.022	0.027	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.020	< 0.474	< 0.0025	< 0.0020	3.15
	11/27/2023	1.6	54	61	0.31	9.00	140	390	< 0.0030	0.023	0.033	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.018	< 0.560	< 0.0025	< 0.0020	3.74
	2/5/2024	2.3	58	70	0.34	8.57	170	550	^1+ < 0.0030	0.022	0.033	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	< 0.00020	0.018	0.684	< 0.0025	< 0.0020	5.07
	5/20/2024	2.3	110	91	0.20	7.57	210	650	< 0.0030	0.017	0.068	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.017	< 0.531	< 0.0025	< 0.0020	4.72
	8/12/2024	1.8	63	81	0.28	8.65	170	460	< 0.0030	0.019	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.021	< 0.606	< 0.0025	< 0.0020	6.80
	11/11/2024	2.4	94	82	0.22	7.40	190	550	< 0.0030	0.012	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.025	< 0.516	0.0036	< 0.0020	2.25
	2/3/2025	1.8	66	75	0.24	7.67	160	420	< 0.0030	0.019	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.025	< 0.403	< 0.0025	< 0.0020	4.31
	5/12/2025	2.2	63	82	0.26	7.66	160	450	< 0.0030	0.013	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.018	< 0.0771	0.0046	< 0.0020	4.02
	8/4/2025	1.8	45	F1 73	0.30	7.14	120	390	< 0.0030	0.015	0.027	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.027	< 0.580	< 0.0025	< 0.0020	8.42
	11/17/2025	2.2	45	72	0.33	7.78	150	390	< 0.0030	0.019	0.029	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.029	1.15	< 0.0025	< 0.0020	8.26
MW-02 down-gradient	11/2/2015	3.0	32	47	0.78	8.27	230	460	< 0.0030	0.014	0.016	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.0630	0.4628	< 0.0025	< 0.0020	NA
	3/1/2016	4.1	39	47	1.3	8.57	220	510	< 0.0030	0.011	0.020	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.078	0.529	< 0.0025	< 0.0020	NA
	5/4/2016	3.3	34	51	1.5	8.19	180	440	< 0.0030	0.0081	0.018	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.069	< 0.425	< 0.0025	< 0.0020	NA
	8/23/2016	3.1	42	59	1.3	7.52	250	500	< 0.0030	0.0082	0.016	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.056	< 0.439	< 0.0025	< 0.0020	NA
	12/5/2016	3.1	28	56	1.0	8.62	160	430	< 0.0030	0.018	0.015	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.071	0.509	< 0.0025	< 0.0020	NA
	2/21/2017	3.3	31	52	0.76	8.75	190	420	< 0.0030	0.028	0.012	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.051	< 0.416	0.0038	< 0.0020	NA
	5/15/2017	3.6	85	48	0.64	8.33	320	640	< 0.0030	0.020	0.029	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.047	0.425	0.0230	< 0.0020	NA
	7/5/2017	4.2	100	52	0.42	7.92	300	710	< 0.0030	0.0094	0.031	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.047	< 0.295	0.0170	< 0.0020	NA
	9/14/2017	2.5	87	54	0.44	8.19	340	780	< 0.0030	0.012	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.049	0.769	0.0052	< 0.0020	NA
	11/27/2017	3.4	69	57	0.62	7.34	200	570	< 0.0030	0.011	0.022	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.048	< 0.442	< 0.0025	< 0.0020	NA
	5/29/2018	4.5	160	43	0.40	6.85	420	990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/5/2018	3.1	77	59	0.61	8.06	180	610	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/14/2019	2.9	47	49	1.0	8.30	140	430	< 0.0030	0.0094	0.013	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.069	0.370	< 0.0025	< 0.0020	NA
	11/19/2019	4.7	140	43	0.68	7.37	270	900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/21/2020	3.4	86	48	1.0	8.02	250	580	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/17/2020	4.0	79	20	0.82	7.67	310	610	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/5/2021	4.6	70	37	0.72	8.39	190	420	< 0.0030	0.0080	0.030	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.023	0.970	< 0.0025	< 0.0020	1.65
	8/18/2021	4.1	84	39	0.50	7.92	190	480	< 0.0030	0.0088	0.029	< 0.0010	< 0.00050	< 0.0050	^+ < 0.0010	< 0.00050	< 0.010	< 0.00020	0.021	< 0.525	< 0.0025	^+ < 0.0020	9.03
	11/3/2021	4.2	59	43	0.63	7.78	170	410	< 0.0030	0.0090	0.025	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+ < 0.010	< 0.00020	0.030	0.763	< 0.0025	< 0.0020	4.05
	2/8/2022	0.2	71	34	0.50	8.00	200	580	< 0.0030	0.021	0.025	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00069	0.0055	< 0.00020	0.028	0.640	< 0.0025	< 0.0020	13.40
	5/23/2022	3.5	77	30	0.46	8.12	190	510	< 0.0030	0.020	0.030	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.024	0.660	0.0035	< 0.0020	30.54
	8/22/2022	3.3	84	33	0.28	7.59	220	650	< 0.0030	0.011	0.024	^1- < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.029	< 0.400	< 0.0025	< 0.0020	25.43
	11/7/2022	3.5	120	36	0.29	7.40	270	700	< 0.0030	0.013	0.033	^1+ ^+ 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.028	1.47	< 0.0025	< 0.0020	23.82
	2/13/2023	3.8	83	45	0.34	7.90	180	560	< 0.0030	0.0086	0.029	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.022	0.640	0.0042	< 0.0020	5.25
	5/8/2023	3.1	62	47	0.39	8.00	210	440	< 0.0030	0.0090	0.027	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.030	< 0.659	0.0038	< 0.0020	14.43
	8/7/2023	^+ 3.1	68	51	0.40	8.17	210	510	< 0.0030	0.0089	0.022	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.032	< 0.588	< 0.0025	< 0.0020	2.32
	11/28/2023	2.8	61	67	0.36	7.58	150	480	< 0.0030	0.0082	0.021	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.017	< 0.557	0.0054	< 0.0020	4.56
	2/5/2024	3.5	67	78	0.49	8.16	170	530	^1+ < 0.0030	0.0086	0.024	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	0.0014	0.019	0.981	0.0040	< 0.0020	5.15
	5/20/2024	5.1	170	70	0.24	7.02	360	980	< 0.0030	0.0087	0.057	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.017	0.628	0.015	< 0.0020	8.91
	8/12/2024	3.6	91	73	0.47	7.32	240	640	< 0.0030	0.0079	0.029	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.029	< 0.638	0.0063	< 0.0020	6.11
	11/11/2024	3.4	62	73	0.39	7.83	180	490	< 0.0030	0.0090	0.019	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.022	< 0.651	< 0.0025	< 0.0020	17.58
	2/3/2025	3.0	45	75	0.44	8.12	190	450	< 0.0030	0.010	0.016	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.023	< -0.040	< 0.0025	< 0.0020	3.41
	5/12/2025	3.5	56	69	0.39	7.99	F1 200	470	< 0.0030	0.0087	0.020	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.031	0.640	< 0.0025	< 0.0020	3.21
	8/4/2025	3.3	45	68	0.56	7.57	190	440	< 0.0030	0.0084	0.017	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.031	< 0.396	< 0.0025	< 0.0020	18.02
	11/17/2025	2.9	33	82	0.68	8.34	160	370	< 0.0030	0.0095	0.010	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.041	1.07	< 0.0025	< 0.0020	9.91
MW-03 down-gradient	11/2/2015	2.3	72	87	0.51	9.26	270	570	< 0.0030	0.0068	0.011	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.037	0.071	< 0.0025	< 0.0020	NA
	3/1/2016	2.9	61	70	0.33	7.33	220	530	< 0.0030	0.0069	0.015	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.056	< 0.332	0.0043	< 0.0020	NA
	5/4/2016	2.4	42	74	0.56	7.25	170	470	< 0.0030	0.0070	0.011	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.058	< 0.480	< 0.0025	< 0.0020	NA
	8/24/2016	2.0	70	59	0.30	9.13	200	430	< 0.0030	0.010	0.0069	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.042	< 0.428	< 0.0025	< 0.0020	NA
	12/5/2016	2.4	57	60	0.41	7.62	120	440	< 0.0030	0.0065	0.0094	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.044	< 0.526	< 0.0025	< 0.0020	NA
	2/21/2017	2.2	56	65	0.33	7.56	180	460	< 0.0030	0.011	0.0067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.043	0.437	< 0.0025	< 0.0020	NA
	5/16/2017	3.9	110	61	0.27	7.90	320	820	< 0.0030	0.0087	0.039	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.041	< 0.461	0.0140	< 0.0020	NA
	7/5/2017	3.0	60	60	0.28	7.46	200	470	< 0.0030	0.0029	0.017	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.058	< 0.304	0.0045	< 0.0020	NA
	9/14/2017	2.1	86	57	0.26	7.53	260	680	< 0.0030	0.0024	0.026	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.056	0.462	0.0081	< 0.0020	NA
	11/28/2017	2.6	69	63	0.56	6.96	120	500	< 0.0030	0.0025	0.016	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.057	1.17	< 0.0025	< 0.0020	NA
	5/29/2018	2.4	67	61	0.38	6.84	190	480	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/5/2018	2.4	54	54	0.50	8.99	150	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/14/2019	4.2	86	17	0.59	7.21	270	660	< 0.0030	0.0059	0.022	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.053	0.657	0.0061	< 0.0020	NA
	11/19/2019	4.2	130	15	0.25	7.47	300	740	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/21/2020	3.8	120	23	0.29	6.87	270	660	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/17/2020	3.8	120	53	0.29	7.05	240	650	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/5/2021	3.3	110	43	0.23	7.18	210	550	< 0.0030	0.0066	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.016	0.689	0.0065	< 0.0020	1.71
	8/18/2021	3.0	150	46	0.17	6.9	250	690	< 0.0030	0.0052	0.041	< 0.0010	< 0.00050	< 0.0050	^+ < 0.0010	< 0.00050	< 0.010	0.00031	0.045	0.656	< 0.0025	^+ < 0.0020	2.60
	11/3/2021	3.2	120	40	0.18	7.05	250	600	< 0.0030	0.0071	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+ < 0.010	< 0.00020	0.025	< 0.438	0.0093	< 0.0020	3.26
	2/8/2022	2.6	91	31	0.30	7.16	210	580	< 0.0030	0.0053	0.028	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.0020	< 0.00020	0.031	0.792	0.0062	< 0.0020	8.27
	5/23/2022	2.4	79	32	0.23	8.72	170	430	< 0.0030	0.016	0.016	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.025	< 0.534	0.0031	< 0.0020	4.11
	8/22/2022	1.8	80	45	0.20	7.38	180	570	< 0.0030	0.0054	0.020	^1- < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.026	0.809	0.0040	< 0.0020	1.91
	11/7/2022	2.3	82	50	0.35	7.35	180	520	< 0.0030	0.0055	0.021	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.035	1.39	0.0040	< 0.0020	2.27
	2/13/2023	2.4	74	60	0.21	7.13	150	510	< 0.0030	0.0059	0.022	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.030	0.545	0.0061	< 0.0020	2.86
	5/8/2023	2.3	53	53	0.32	8.20	130	340	< 0.0030	0.010	0.013	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.046	0.758	0.0057	< 0.0020	3.61
	8/7/2023	^+ 2.3	45	54	0.48	7.73	130	380	< 0.0030	0.014	0.012	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.053	< 0.627	0.0042	< 0.0020	2.68
	11/27/2023	2.1	34	51	0.41	8.06	130	370	< 0.0030	0.020	0.010	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.037	< 0.648	< 0.0025	< 0.0020	3.57
	2/5/2024	2.7	39	49	0.49	8.97	160	420	^1+ < 0.0030	0.023	0.010	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	< 0.00020	0.029	< 0.599	0.0051	< 0.0020	5.03
	5/20/2024	2.9	29	74	0.54	9.94	F1 170	490	< 0.0030	0.035	0.0054	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.052	< 0.552	0.0033	< 0.0020	6.09
	8/12/2024	2.6	66	85	0.31	7.51	210	610	< 0.0030	0.020	0.017	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.047	< 0.546	0.0095	< 0.0020	6.37
	11/11/2024	3.0	28	78	0.54	10.24	180	500	< 0.0030	0.043	0.0040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.060	0.970	< 0.0025	< 0.0020	3.05
	2/3/2025	3.2	34	69	0.40	11.08	170	450	< 0.0030	0.033	0.0038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.035	< 0.343	< 0.0025	< 0.0020	2.38
	5/12/2025	3.5	43	57	0.35	10.37	190	430	< 0.0030	0.020	0.0056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.039	< 0.467	< 0.0025	< 0.0020	3.86
	8/4/2025	3.7	54	53	0.30	10.00	240	520	< 0.0030	0.016	0.0067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.034	0.866	< 0.0025	< 0.0020	10.15
	11/17/2025	2.3	38	77	0.35	9.6	160	400	< 0.0030	0.018	0.0055	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.045	1.22	< 0.0025	< 0.0020	11.29

Notes: All units are in mg/L with the exceptions of pH (standard units), Radium (pCi/L), and Turbidity (NTU).
V- Serial dilution exceeds the control limits.
R- Resampling event
NA - Not analyzed.
H - Sample preped or analyzed beyond specific holding time.
^ - Denotes instrument related QC exceeds the control limits
^+ - Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
^1+ - Initial Calibration Verification (iCV) is outside acceptance limits, high biased.
^5 - Linear Range Check (LRC) is outside acceptance limits, low biased
^6+ - Interference Check Standard (ICSA and/or ICSAB) is outside acceptance limits, high biased.
B- compound was found in the blank and the sample
* Water Quality Device sensor error; value considered erroneous

Table 1. Groundwater Analytical Results - Midwest Generation, LLC, Waukegan Station, Waukegan, IL.

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 Combined	Selenium	Thallium	Turbidity
MW-04 down-gradient	11/3/2015	1.8	66	62	0.51	6.68	240	480	< 0.0030	0.0066	0.032	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.031	0.2732	< 0.0025	< 0.0020	NA
	3/1/2016	2.0	58	51	0.50	7.17	170	450	< 0.0030	0.0083	0.033	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.048	0.478	< 0.0025	< 0.0020	NA
	5/4/2016	1.6	44	49	0.61	6.92	140	340	< 0.0030	0.0083	0.017	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.046	< 0.542	< 0.0025	< 0.0020	NA
	8/24/2016	2.0	46	58	0.56	7.01	120	370	< 0.0030	0.010	0.019	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.049	< 0.461	< 0.0025	< 0.0020	NA
	12/5/2016	3.4	200	60	0.21	7.40	300	1000	< 0.0030	0.019	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.010	1.04	0.020	< 0.0020	NA
	2/22/2017	2.4	150	41	0.17	7.44	290	850	< 0.0030	0.036	0.093	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.015	0.886	0.0042	< 0.0020	NA
	5/16/2017	2.5	170	29	0.32	7.94	400	970	< 0.0030	0.024	0.072	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.017	0.550	0.032	< 0.0020	NA
	7/5/2017	3.6	200	51	0.29	7.09	520	1100	< 0.0030	0.0034	0.076	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.017	0.515	0.062	< 0.0020	NA
	9/14/2017	2.5	180	45	0.28	7.04	480	1100	< 0.0030	0.0028	0.076	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.021	0.794	0.026	< 0.0020	NA
	11/28/2017	2.3	110	32	0.28	7.04	130	560	< 0.0030	0.0027	0.053	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.032	0.872	0.0069	< 0.0020	NA
	5/30/2018	3.0	150	21	0.38	6.57	200	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/6/2018	2.5	150	58	0.37	6.83	240	900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/14/2019	3.3	100	58	0.64	7.30	200	730	< 0.0030	0.0026	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.070	0.690	0.0040	< 0.0020	NA
	11/19/2019	2.9	120	44	0.75	7.27	270	680	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/21/2020	2.9	100	33	0.90	7.18	290	670	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/18/2020	3.1	100	18	1.1	7.17	250	690	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/5/2021	3.3	75	17	0.91	7.46	190	530	< 0.0030	0.0069	0.032	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.056	< 0.781	0.0041	< 0.0020	1.77
	8/18/2021	3.0	92	39	0.80	7.45	200	590	< 0.0030	0.0052	0.041	< 0.0010	< 0.00050	< 0.0050	^+< 0.0010	< 0.00050	< 0.010	0.00031	0.045	0.523	< 0.0025	^+< 0.0020	40.61
	11/3/2021	2.7	67	50	0.99	7.36	150	550	< 0.0030	0.0094	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+< 0.010	< 0.00020	0.040	0.572	< 0.0025	< 0.0020	4.26
	2/8/2022	3.1	110	38	0.66	7.61	190	660	< 0.0030	0.024	0.057	< 0.0010	< 0.00050	< 0.0050	0.0011	< 0.00050	0.0076	< 0.00020	0.014	1.21	< 0.0025	< 0.0020	13.32
	5/23/2022	2.5	81	41	0.61	8.05	150	510	< 0.0030	0.012	0.038	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.019	0.598	< 0.0025	< 0.0020	28.94
	8/22/2022	F1 3.1	100	31	0.55	7.82	230	660	< 0.0030	0.0070	0.043	^1-< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.025	0.618	0.011	< 0.0020	2.57
	11/7/2022	2.7	63	33	0.62	7.47	180	450	< 0.0030	0.0073	0.026	^1+ ^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0048	< 0.010	< 0.00020	0.026	1.85	< 0.0025	< 0.0020	41.15
	2/13/2023	2.8	110	28	0.36	7.58	210	610	< 0.0030	0.0083	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.021	0.489	0.0062	< 0.0020	3.76
	5/9/2023	2.3	100	59	0.38	7.16	250	560	< 0.0030	0.0073	0.049	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.034	< 0.549	0.0072	< 0.0020	15.03
	8/8/2023	^+ 2.5	58	63	0.40	7.81	150	400	< 0.0030	0.0088	0.026	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.041	0.807	< 0.0025	< 0.0020	2.54
	11/27/2023	2.4	44	58	0.37	7.63	130	360	< 0.0030	0.0089	0.023	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.062	0.642	< 0.0025	< 0.0020	4.22
	2/5/2024	2.7	74	45	0.46	7.33	130	430	^1+< 0.0030	0.0078	0.034	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	< 0.00020	0.037	< 0.474	0.0081	< 0.0020	3.73
	5/21/2024	2.2	64	58	0.40	7.59	130	450	< 0.0030	0.0060	0.028	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.041	< 0.526	0.0045	< 0.0020	5.67
	8/12/2024	3.2	210	55	0.35	6.89	420	1200	< 0.0030	0.0033	0.076	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.026	< 0.821	0.020	< 0.0020	6.33
	11/11/2024	2.7	50	65	0.41	7.58	170	410	< 0.0030	0.011	0.026	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.070	< 0.632	< 0.0025	< 0.0020	3.79
	2/5/2025	2.6	46	88	0.30	8.30	160	460	< 0.0030	0.012	0.025	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.077	< 0.142	< 0.0025	< 0.0020	6.70
	5/12/2025	2.3	26	68	0.67	8.60	150	200	< 0.003	0.0092	0.014	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.044	< 0.276	0.0042	< 0.0020	3.85
	8/4/2025	2.4	42	F1 75	0.56	8.19	160	460	< 0.0030	0.010	0.019	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.054	0.454	< 0.0025	< 0.0020	8.14
	11/17/2025	3.0	18	79	0.83	8.71	180	450	< 0.0030	0.012	0.0081	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00096	< 0.010	< 0.00020	0.099	0.889	< 0.0025	< 0.0020	10.82
MW-05 down-gradient	11/19/2025	18	280	48	0.27	6.98	420	1100	< 0.0030	0.026	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.10	< 0.00020	0.12	1.38	< 0.0025	< 0.0020	29.94
MW-06 upgradient	11/19/2025	0.96	98	34	0.29	7.19	32	490	< 0.0030	0.0017	0.095	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.054	< 0.00020	< 0.0050	0.951	< 0.0025	< 0.0020	23.34
MW-07 down-gradient	11/19/2025	34	390	36	0.33	7.02	670	1600	< 0.0030	0.0075	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.15	< 0.00020	0.17	1.96	< 0.0025	< 0.0020	28.89
MW-16 down-gradient	11/3/2015	4.1	230	87	0.43	6.24	610	1400	< 0.0030	0.0010	0.047	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.071	< 0.00020	0.021	0.865	0.0074	< 0.0020	NA
	3/2/2016	3.1	360	130	0.35	6.76	990	1700	< 0.0030	0.0015	0.035	< 0.0010	0.0010	< 0.0050	< 0.0010	< 0.00050	0.13	< 0.00020	0.013	< 0.396	0.0052	0.0020	NA
	5/2/2016	4.9	250	150	0.49	6.99	620	1600	< 0.0030	0.0011	0.052	< 0.0010	0.00053	< 0.0050	< 0.0010	< 0.00050	0.024	< 0.00020	0.014	0.696	< 0.0025	< 0.0020	NA
	8/24/2016	3.6	130	53	0.71	7.00	330	830	< 0.0030	< 0.0010	0.028	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.022	< 0.462	< 0.0025	< 0.0020	NA
	12/5/2016	3.8	160	52	0.51	7.03	280	920	< 0.0030	0.036	0.062	< 0.0010	< 0.00050	< 0.0050	0.0012	0.00054	0.011	< 0.00020	0.021	0.791	< 0.0025	< 0.0020	NA
	2/24/2017	6.5	200	67	0.2	5.76	570	1100	< 0.0030	0.027	0.067	< 0.0010	< 0.00050	0.0050	0.0011	< 0.00050	0.012	< 0.00020	0.023	0.540	0.0037	< 0.0020	NA
	5/16/2017	2.6	340	130	0.15	7.57	760	1700	< 0.0030	0.043	0.045	^< 0.0010	0.0043	0.0076	< 0.0010	0.00057	0.13	< 0.00020	0.016	0.441	0.016	0.0021	NA
	7/6/2017	9.5	190	70	0.57	7.35	480	1100	< 0.0030	0.0029	0.029	< 0.0010	0.00069	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	0.017	< 0.382	< 0.0025	< 0.0020	NA
	9/13/2017	2.8	190	55	0.61	7.33	460	970	< 0.0030	< 0.0010	0.024	< 0.0010	0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.024	< 0.335	< 0.0025	< 0.0020	NA
	11/27/2017	4.2	140	58	0.71	7.16	270	760	< 0.0030	0.0031	0.026	^< 0.0010	0.0010	< 0.0050	< 0.0010	< 0.00050	0.010	< 0.00020	0.026	0.557	< 0.0025	< 0.0020	NA
	6/1/2018	3.0	380	130	0.32	6.53	890	1900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/22/2018 (R)	NA	190	NA	NA	NA	NA	1200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/6/2018	3.9	380	150	0.39	6.78	550	1900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/4/2018 (R)	NA	320	NA	NA	NA	NA	1600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/15/2019	2.9	400	65	0.31	6.67	990	2000	< 0.0030	0.0011	0.029	< 0.0010	0.003	< 0.0050	< 0.0010	< 0.00050	0.15	< 0.00020	0.0086	< 0.491	0.0039	< 0.0020	NA
	11/19/2019	7.2	410	480	0.46	6.89	680	3100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/27/2019 (R)	NA	NA	NA	NA	NA	NA	2800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4/21/2020	7.7	420	200	0.50	6.79	1100	2400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/17/2020	3.2	130	54	0.71	7.22	320	990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/6/2021	3.1	120	55	0.68	7.33	300	740	< 0.0030	< 0.0010	0.024	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00020	0.019	< 0.919	< 0.0025	< 0.0020	1.63
	8/18/2021	3.1	140	55	0.66	7.19	320	790	< 0.0030	< 0.0010	0.024	< 0.0010	< 0.00050	< 0.0050	^+< 0.0010	< 0.00050	0.011	< 0.00020	0.020	< 0.422	< 0.0025	^+< 0.0020	3.22
	11/4/2021	3.0	120	48	0.68	7.32	290	810	< 0.0030	0.0010	0.023	^1+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.010	< 0.00020	0.020	< 0.457	^6+^+< 0.0025	< 0.0020	4.00
	2/8/2022	2.6	110	41	0.65	7.40	280	700	< 0.0030	0.0050	0.033	< 0.0010	< 0.00050	< 0.0050	0.0021	< 0.00050	0.012	< 0.00020	0.027	< 0.682	< 0.0025	< 0.0020	21.60
	5/23/2022	3.6	170	62	0.53	6.97	420	1100	< 0.0030	0.0010	0.031	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.00020	0.022	0.720	0.033	< 0.0020	11.75
	8/22/2022	2.7	110	42	0.62	7.33	280	780	< 0.0030	< 0.0010	0.029	^1-< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.021	< 0.411	< 0.0025	< 0.0020	3.54
	11/7/2022	3.0	120	47	0.80	7.20	290	730	< 0.0030	< 0.0010	0.031	^1+ ^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0038	0.011	< 0.00020	0.021	3.23	< 0.0025	< 0.0020	42.55
	2/13/2023	2.6	110	49	0.58	7.28	260	750	< 0.0030	0.0010	0.031	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.011	< 0.00020	0.024	0.668	< 0.0025	< 0.0020	32.31
	5/9/2023	3.0	140	66	0.58	6.98	350	850	< 0.0030	< 0.0010	0.026	^+< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.032	< 0.00020	0.027	< 0.594	0.011	< 0.0020	2.95
	8/8/2023	^+ 2.7	130	46	0.56	7.30	310	770	< 0.0030	0.0019	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.013	< 0.00020	0.024	0.495	< 0.0025	< 0.0020	2.81
	11/28/2023	2.7	130	47	0.52	7.14	350	830	< 0.0030	0.0015	0.039	^1+< 0.0010	< 0.00050	< 0.0050	0.0016	< 0.00050	0.012	< 0.00020	0.023	0.615	< 0.0025	< 0.0020	45.54
	2/6/2024	3.6	150	50	0.59	7.25	370	840	^1+< 0.0030	0.0012	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	< 0.00020	0.023	< 0.515	< 0.0025	< 0.0020	11.95
	5/21/2024	5.0	160	F1 65	0.50	6.95	430	940	< 0.0030	< 0.0010	0.032	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.019	< 0.00020	0.020	< 0.514	0.0057	< 0.0020	9.87
	8/13/2024	5.0	330	110	0.40	6.58	870	1900	< 0.0030	< 0.0010	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.098	< 0.00020	0.027	1.12	0.018	< 0.0020	7.08
	11/12/2024	4.1	220	48	0.39	6.76	450	1200	< 0.0030	0.0018	0.057	< 0.0010	< 0.00050	< 0.0050	0.0021	< 0.00050	0.019	< 0.00020	0.016	1.05	< 0.0025	< 0.0020	23.93
	2/3/2025	3.9	190	55	0.43	7.08	430	1000	< 0.0030	0.0023	0.051	< 0.0010	< 0.00050	< 0.0050	0.0020	< 0.00050	0.018	< 0.00020	0.015	< 0.415	< 0.0025	< 0.0020	7.34
	5/12/2025	5.9	220	95	0.53	6.94	490	1200	< 0.0030	< 0.0010	0.053	< 0.0010	< 0.00050	< 0.0050	0.0016	< 0.00050	0.018	< 0.00020	0.017	1.07	0.0054	< 0.0020	12.35
	8/5/2025	7.7	220	100	0.63	6.79	470	1200	< 0.0030	0.0037	0.052	^1+< 0.0010	< 0.00050	< 0.0050	0.0016	< 0.00050	0.021	< 0.00020	0.016	0.795	< 0.0025	< 0.0020	32.65
	11/19/2025	8.2	210	100	0.44	6.92	480	1100	< 0.0030	0.0014	0.050	< 0.0010	< 0.00050	< 0.0050	0.0017	< 0.00050	0.021	< 0.00020	0.014	0.886	< 0.0025	< 0.0020	29.12

Notes: All units are in mg/L with the exceptions of pH (standard units), Radium (pCi/L), and Turbidity (NTU).
V- Serial dilution exceeds the control limits.
R- Resampling event
NA - Not analyzed.

H - Sample preped or analyzed beyond specific holding time.
^ - Denotes instrument related QC exceeds the control limits
^+ - Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
^1+ - Initial Calibration Verification (ICV) is outside acceptance limits, high biased.

^5 - Linear Range Check (LRC) is outside acceptance limits, low biased
^6+ - Interference Check Standard (ICSA and/or ICSAB) is outside acceptance limits, high biased.
B- compound was found in the blank and the sample
* Water Quality Device sensor error; value considered erroneous

Table 2. Proposed Site-Specific Groundwater Protection Standards - Waukegan Generating Station

Upgradient Well(s)	Parameter	Section 845.600 Standards	Interwell Background Prediction Limit	**Proposed GWPS**
MW-14	Antimony	0.006	0.015	**0.015**
MW-11/MW-14 Pooled	Arsenic	0.01	21	**21**
MW-11	Barium	2	0.064	**2**
MW-9/MW-11/MW-14 Pooled	Beryllium	0.004	0.001	**0.004**
MW-11	Boron	2.0	5.965	**5.965**
MW-14	Cadmium	0.005	0.002	**0.005**
MW-11/MW-14 Pooled*	Chloride	200	389	**389**
MW-14	Chromium	0.1	4.8	**4.8**
MW-14	Cobalt	0.006	0.007	**0.007**
MW-14	Combined Radium 226 + 228 (pCi/L)	5.0	1.566	**5.0**
MW-14	Fluoride	4.0	0.334	**4.0**
MW-9/MW-11/MW-14 Pooled	Lead	0.0075	0.0011	**0.0075**
MW-14	Lithium	0.04	0.040	**0.040**
MW-14	Mercury	0.002	0.0004	**0.002**
MW-11/MW-14 Pooled	Molybdenum	0.10	0.009	**0.100**
MW-11/MW-14 Pooled	pH (standard units)	6.5-9.0	6.51-7.74	**6.5-9.0**
MW-11/MW-14 Pooled	Selenium	0.05	0.014	**0.050**
MW-11/MW-14 Pooled*	Sulfate	400	259.1	**400**
MW-9/MW-11/MW-14 Pooled	Thallium	0.002	0.002	**0.002**
MW-11/MW-14 Pooled*	Total Dissolved Solids	1200	1589	**1589**
MW-11	Calcium	NE	225.1	**225.1**
MW-14	Turbidity (NTU)	NE	12,436	**12,436**

All values are in mg/L (ppm) unless otherwise noted.
* - Limited to original 8 background samples.
NE - Not Established
Bold - Site-specific Groundwater Protection Standard based on Section 845.600(a)(2)

Table 3. Groundwater Elevations - Midwest Generation, LLC, Waukegan Station, Waukegan, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
MW-01	11/2/2015	603.12	20.75	582.37
	2/29/2016	603.12	20.71	582.41
	5/2/2016	603.12	20.89	582.23
	8/23/2016	603.12	22.01	581.11
	12/2/2016	603.62	22.27	581.35
	2/21/2017	603.62	22.42	581.20
	5/15/2017	603.62	20.52	583.10
	7/5/2017	603.62	21.81	581.81
	9/11/2017	603.62	21.47	582.15
	11/27/2017	603.62	21.82	581.80
	5/29/2018	603.62	19.43	584.19
	11/5/2018	603.62	20.45	583.17
	5/14/2019	603.62	19.81	583.81
	11/18/2019	603.62	19.89	583.73
	4/21/2020	603.62	20.81	582.81
	11/17/2020	603.62	21.51	582.11
	3/1/2021	603.62	21.19	582.43
	3/30/2021	603.62	21.34	582.28
	5/5/2021	603.62	21.76	581.86
	5/27/2021	603.62	21.78	581.84
	6/18/2021	603.62	21.90	581.72
	7/8/2021	603.62	21.75	581.87
	8/18/2021	603.62	21.82	581.80
	9/29/2021	603.62	22.22	581.40
	10/12/2021	603.62	21.65	581.97
	11/3/2021	603.62	21.45	582.17
	12/14/2021	603.62	21.52	582.10
	1/12/2022	603.62	21.73	581.89
	2/8/2022	603.62	22.00	581.62
	3/10/2022	603.62	21.67	581.95
	4/14/2022	603.62	22.27	581.35
	5/23/2022	603.62	21.25	582.37
	6/28/2022	603.62	21.80	581.82
	7/18/2022	603.62	22.00	581.62
	8/22/2022	603.62	21.78	581.84
	9/26/2022	603.62	21.75	581.87
	10/3/2022	603.62	21.95	581.67
	11/7/2022	603.62	22.17	581.45
	12/15/2022	603.62	21.90	581.72
	1/17/2023	603.62	21.60	582.02
	2/13/2023	603.62	21.76	581.86
	3/15/2023	603.62	21.40	582.22
	4/26/2023	603.62	21.35	582.27
	5/8/2023	603.62	21.46	582.16
	6/7/2023	603.62	21.90	581.72
	7/3/2023	603.62	21.80	581.82
	8/7/2023	603.62	22.22	581.40
	9/13/2023	603.62	22.45	581.17
	10/23/2023	603.62	22.05	581.57
	11/27/2023	603.62	22.28	581.34
	12/26/2023	603.62	22.10	581.52
	1/27/2024	603.62	21.70	581.92
	2/5/2024	603.62	21.53	582.09
	3/20/2024	603.62	21.70	581.92
	4/16/2024	603.62	21.40	582.22
	5/20/2024	603.62	21.55	582.07
	6/11/2024	603.62	21.45	582.17
	7/11/2024	603.62	21.60	582.02
	8/12/2024	603.62	21.53	582.09
	9/9/2024	603.62	22.40	581.22
	10/10/2024	603.62	21.50	582.12
	11/11/2024	603.62	22.74	580.88
	12/16/2024	603.62	22.85	580.77
	1/13/2025	603.62	23.20	580.42
	2/3/2025	603.62	23.34	580.28
	3/11/2025	603.62	23.20	580.42
	4/16/2025	603.62	22.70	580.92
	5/12/2025	603.62	22.92	580.70
	6/12/2025	603.62	23.00	580.62
	7/6/2025	603.62	23.10	580.52
	8/4/2025	603.62	23.00	580.62
	9/3/2025	603.62	23.30	580.32
	10/6/2025	603.62	23.10	580.52
	11/17/2025	603.62	23.14	580.48
	12/17/2025	603.62	23.10	580.52

Table 3. Groundwater Elevations - Midwest Generation, LLC, Waukegan Station, Waukegan, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
MW-02	11/2/2015	603.04	20.71	582.33
	2/29/2016	603.04	20.59	582.45
	5/2/2016	603.04	20.82	582.22
	8/23/2016	603.04	22.04	581.00
	12/2/2016	603.39	22.13	581.26
	2/21/2017	603.39	22.24	581.15
	5/15/2017	603.39	20.25	583.14
	7/5/2017	603.39	21.59	581.80
	9/11/2017	603.39	21.21	582.18
	11/27/2017	603.39	21.63	581.76
	5/29/2018	603.39	19.12	584.27
	11/5/2018	603.39	20.19	583.20
	5/14/2019	603.39	19.55	583.84
	11/18/2019	603.39	19.60	583.79
	4/21/2020	603.39	20.57	582.82
	11/17/2020	603.39	21.32	582.07
	3/1/2021	603.39	21.04	582.35
	3/30/2021	603.39	21.13	582.26
	5/5/2021	603.39	21.56	581.83
	5/27/2021	603.39	21.60	581.79
	6/18/2021	603.39	21.65	581.74
	7/8/2021	603.39	21.48	581.91
	8/18/2021	603.39	21.56	581.83
	9/29/2021	603.39	22.00	581.39
	10/12/2021	603.39	21.50	581.89
	11/3/2021	603.39	21.26	582.13
	12/14/2021	603.39	21.40	581.99
	1/12/2022	603.39	21.65	581.74
	2/8/2022	603.39	21.90	581.49
	3/10/2022	603.39	21.55	581.84
	4/14/2022	603.39	22.10	581.29
	5/23/2022	603.39	21.11	582.28
	6/28/2022	603.39	21.60	581.79
	7/18/2022	603.39	21.80	581.59
	8/22/2022	603.39	21.65	581.74
	9/26/2022	603.39	21.50	581.89
	10/3/2022	603.39	21.75	581.64
	11/7/2022	603.39	22.22	581.17
	12/15/2022	603.39	21.75	581.64
	1/17/2023	603.39	21.75	581.64
	2/13/2023	603.39	21.69	581.70
	3/15/2023	603.39	21.25	582.14
	4/26/2023	603.39	21.15	582.24
	5/8/2023	603.39	21.35	582.04
	6/7/2023	603.39	21.75	581.64
	7/3/2023	603.39	21.60	581.79
	8/7/2023	603.39	22.08	581.31
	9/13/2023	603.39	22.30	581.09
	10/23/2023	603.39	22.00	581.39
	11/27/2023	603.39	22.14	581.25
	12/26/2023	603.39	22.05	581.34
	1/27/2024	603.39	21.65	581.74
	2/5/2024	603.39	21.42	581.97
	3/20/2024	603.39	21.55	581.84
	4/16/2024	603.39	21.30	582.09
	5/20/2024	603.39	21.40	581.99
	6/11/2024	603.39	21.25	582.14
	7/11/2024	603.39	21.60	581.79
	8/12/2024	603.39	21.33	582.06
	9/9/2024	603.39	22.20	581.19
	10/10/2024	603.39	21.40	581.99
	11/11/2024	603.39	22.60	580.79
	12/16/2024	603.39	22.75	580.64
	1/13/2025	603.39	23.10	580.29
	2/3/2025	603.39	23.22	580.17
	3/11/2025	603.39	23.10	580.29
	4/16/2025	603.39	22.70	580.69
	5/12/2025	603.39	22.72	580.67
	6/12/2025	603.39	22.80	580.59
	7/6/2025	603.39	22.90	580.49
	8/4/2025	603.39	22.82	580.57
	9/3/2025	603.39	23.00	580.39
	106/2025	603.39	23.00	580.39
	11/17/2025	603.39	22.96	580.43
	12/17/2025	603.39	23.00	580.39

Table 3. Groundwater Elevations - Midwest Generation, LLC, Waukegan Station, Waukegan, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
MW-03	11/2/2015	602.91	20.37	582.54
	2/29/2016	602.91	20.43	582.48
	5/2/2016	602.91	20.66	582.25
	8/23/2016	602.91	22.12	580.79
	12/2/2016	603.70	22.52	581.18
	2/21/2017	603.70	22.64	581.06
	5/15/2017	603.70	20.55	583.15
	7/5/2017	603.70	21.92	581.78
	9/11/2017	603.70	21.55	582.15
	11/28/2017	603.70	21.96	581.74
	5/29/2018	603.70	19.40	584.30
	11/5/2018	603.70	20.48	583.22
	5/14/2019	603.70	19.80	583.90
	11/18/2019	603.70	20.05	583.65
	4/21/2020	603.70	20.82	582.88
	11/17/2020	603.70	21.60	582.10
	3/1/2021	603.70	21.30	582.40
	3/30/2021	603.70	21.40	582.30
	5/5/2021	603.70	21.83	581.87
	5/27/2021	603.70	21.85	581.85
	6/18/2021	603.70	21.91	581.79
	7/8/2021	603.70	21.71	581.99
	8/18/2021	603.70	21.80	581.90
	9/29/2021	603.70	22.30	581.40
	10/12/2021	603.70	21.70	582.00
	11/3/2021	603.70	21.53	582.17
	12/14/2021	603.70	21.60	582.10
	1/12/2022	603.70	21.97	581.73
	2/8/2022	603.70	22.29	581.41
	3/10/2022	603.70	21.50	582.20
	4/14/2022	603.70	22.30	581.40
	5/23/2022	603.70	21.18	582.52
	6/28/2022	603.70	21.85	581.85
	7/18/2022	603.70	22.10	581.60
	8/22/2022	603.70	21.76	581.94
	9/26/2022	603.70	21.70	582.00
	10/3/2022	603.70	22.00	581.70
	11/7/2022	603.70	22.22	581.48
	12/15/2022	603.70	22.20	581.50
	1/17/2023	603.70	22.10	581.60
	2/13/2023	603.70	22.00	581.70
	3/15/2023	603.70	21.50	582.20
	4/26/2023	603.70	21.40	582.30
	5/8/2023	603.70	25.12	578.58
	6/7/2023	603.70	22.00	581.70
	7/3/2023	603.70	21.87	581.83
	8/7/2023	603.70	22.43	581.27
	9/13/2023	603.70	22.75	580.95
	10/23/2023	603.70	22.30	581.40
	11/27/2023	603.70	22.60	581.10
	12/26/2023	603.70	22.50	581.20
	1/27/2024	603.70	21.85	581.85
	2/5/2024	603.70	21.67	582.03
	3/20/2024	603.70	21.75	581.95
	4/16/2024	603.70	21.40	582.30
	5/20/2024	603.70	21.63	582.07
	6/11/2024	603.70	21.50	582.20
	7/11/2024	603.70	21.80	581.90
	8/12/2024	603.70	21.55	582.15
	9/9/2024	603.70	22.50	581.20
	10/10/2024	603.70	21.80	581.90
	11/11/2024	603.70	23.05	580.65
	12/16/2024	603.70	23.20	580.50
	1/13/2025	603.70	23.55	580.15
	2/3/2025	603.70	23.68	580.02
	3/11/2025	603.70	23.55	580.15
	4/16/2025	603.70	23.10	580.60
	5/12/2025	603.70	23.13	580.57
	6/12/2025	603.70	23.10	580.60
	7/6/2025	603.70	23.10	580.60
	8/4/2025	603.70	23.14	580.56
	9/3/2025	603.70	23.10	580.60
	10/6/2025	603.70	23.30	580.40
	11/17/2025	603.70	23.35	580.35
	12/17/2025	603.70	23.30	580.40

Table 3. Groundwater Elevations - Midwest Generation, LLC, Waukegan Station, Waukegan, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
MW-04	11/2/2015	603.19	20.83	582.36
	2/29/2016	603.19	20.70	582.49
	5/2/2016	603.19	20.94	582.25
	8/23/2016	603.19	22.69	580.50
	12/2/2016	603.17	22.18	580.99
	2/21/2017	603.17	22.36	580.81
	5/15/2017	603.17	20.04	583.13
	7/5/2017	603.17	21.46	581.71
	9/11/2017	603.17	21.05	582.12
	11/28/2017	603.17	21.54	581.63
	5/30/2018	603.17	18.88	584.29
	11/6/2018	603.17	19.96	583.21
	5/14/2019	603.17	19.35	583.82
	11/18/2019	603.17	19.36	583.81
	4/21/2020	603.17	20.40	582.77
	11/18/2020	603.17	21.23	581.94
	3/1/2021	603.17	20.95	582.22
	3/30/2021	603.17	21.02	582.15
	5/5/2021	603.17	21.52	581.65
	5/27/2021	603.17	21.55	581.62
	6/18/2021	603.17	21.62	581.55
	7/8/2021	603.17	21.45	581.72
	8/18/2021	603.17	21.49	581.68
	9/29/2021	603.17	22.08	581.09
	10/12/2021	603.17	21.35	581.82
	11/3/2021	603.17	21.15	582.02
	12/14/2021	603.17	21.40	581.77
	1/12/2022	603.17	21.72	581.45
	2/8/2022	603.17	22.17	581.00
	3/10/2022	603.17	21.73	581.44
	4/14/2022	603.17	22.08	581.09
	5/23/2022	603.17	20.92	582.25
	6/28/2022	603.17	21.55	581.62
	7/18/2022	603.17	21.80	581.37
	8/22/2022	603.17	21.55	581.62
	9/26/2022	603.17	21.40	581.77
	10/3/2022	603.17	21.70	581.47
	11/7/2022	603.17	22.13	581.04
	12/15/2022	603.17	22.05	581.12
	1/17/2023	603.17	21.90	581.27
	2/13/2023	603.17	21.76	581.41
	3/15/2023	603.17	21.50	581.67
	4/26/2023	603.17	21.00	582.17
	5/8/2023	603.17	21.11	582.06
	6/7/2023	603.17	21.65	581.52
	7/3/2023	603.17	21.55	581.62
	8/7/2023	603.17	22.20	580.97
	9/13/2023	603.17	22.75	580.42
	10/23/2023	603.17	22.10	581.07
	11/27/2023	603.17	22.49	580.68
	12/26/2023	603.17	22.40	580.77
	1/27/2024	603.17	21.55	581.62
	2/5/2024	603.17	21.25	581.92
	3/20/2024	603.17	21.40	581.77
	4/16/2024	603.17	21.10	582.07
	5/20/2024	603.17	21.21	581.96
	6/11/2024	603.17	21.05	582.12
	7/11/2024	603.17	21.50	581.67
	8/12/2024	603.17	21.12	582.05
	9/9/2024	603.17	22.25	580.92
	10/10/2024	603.17	21.80	581.37
	11/11/2024	603.17	23.00	580.17
	12/16/2024	603.17	23.25	579.92
	1/13/2025	603.17	23.55	579.62
	2/3/2025	603.17	23.65	579.52
	3/11/2025	603.17	23.50	579.67
	4/16/2025	603.17	23.00	580.17
	5/12/2025	603.17	22.96	580.21
	6/12/2025	603.17	22.90	580.27
	7/6/2025	603.17	22.80	580.37
	8/4/2025	603.17	22.95	580.22
	9/3/2025	603.17	23.00	580.17
	10/6/2025	603.17	23.00	580.17
	11/17/2025	603.17	23.20	579.97
	12/17/2025	603.17	23.10	580.07

Table 3. Groundwater Elevations - Midwest Generation, LLC, Waukegan Station, Waukegan, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
MW-09	11/2/2015	594.00	9.78	584.22
	2/29/2016	594.00	9.89	584.11
	5/2/2016	594.00	9.59	584.41
	8/23/2016	594.00	10.58	583.42
	12/2/2016	594.00	10.27	583.73
	2/21/2017	594.00	10.21	583.79
	5/15/2017	594.00	9.57	584.43
	7/6/2017	594.00	9.81	584.19
	9/11/2017	594.00	10.25	583.75
	11/29/2017	594.00	9.98	584.02
	5/31/2018	594.00	9.38	584.62
	11/6/2018	594.00	9.52	584.48
	5/14/2019	594.00	9.50	584.50
	11/18/2019	594.00	9.62	584.38
	4/21/2020	594.00	9.84	584.16
	11/18/2020	594.00	10.83	583.17
	3/1/2021	594.00	9.90	584.10
	3/30/2021	594.00	10.46	583.54
	5/5/2021	594.00	10.80	583.20
	5/27/2021	594.00	10.92	583.08
	6/18/2021	594.00	11.25	582.75
	7/8/2021	594.00	10.82	583.18
	8/18/2021	594.00	10.99	583.01
	9/29/2021	594.00	11.82	582.18
	10/12/2021	594.00	10.94	583.06
	11/3/2021	594.00	10.53	583.47
	12/14/2021	594.00	10.60	583.40
	1/12/2022	594.00	10.70	583.30
	2/8/2022	594.00	10.95	583.05
	3/10/2022	594.00	10.62	583.38
	4/14/2022	594.00	11.82	582.18
	5/23/2022	594.00	10.41	583.59
	6/28/2022	594.00	10.80	583.20
	7/18/2022	594.00	10.80	583.20
	8/22/2022	594.00	10.76	583.24
	9/26/2022	594.00	10.60	583.40
	10/3/2022	594.00	9.70	584.30
	11/7/2022	594.00	10.71	583.29
	12/15/2022	594.00	10.30	583.70
	1/17/2023	594.00	10.35	583.65
	2/13/2023	594.00	10.06	583.94
	3/15/2023	594.00	9.70	584.30
	4/26/2023	594.00	10.40	583.60
	5/8/2023	594.00	10.55	583.45
	6/7/2023	594.00	10.90	583.10
	7/3/2023	594.00	10.70	583.30
	8/7/2023	594.00	10.91	583.09
	9/13/2023	594.00	11.00	583.00
	10/23/2023	594.00	10.65	583.35
	11/27/2023	594.00	11.02	582.98
	12/26/2023	594.00	10.80	583.20
	1/27/2024	594.00	9.70	584.30
	2/5/2024	594.00	10.26	583.74
	3/20/2024	594.00	10.65	583.35
	4/16/2024	594.00	10.50	583.50
	5/20/2024	594.00	10.60	583.40
	6/11/2024	594.00	10.35	583.65
	7/11/2024	594.00	10.00	584.00
	8/12/2024	594.00	10.44	583.56
	9/9/2024	594.00	10.90	583.10
	10/10/2024	594.00	10.90	583.10
	11/11/2024	594.00	11.09	582.91
	12/16/2024	594.00	11.00	583.00
	1/13/2025	594.00	11.15	582.85
	2/3/2025	594.00	11.51	582.49
	3/11/2025	594.00	11.15	582.85
	4/16/2025	594.00	10.70	583.30
	5/12/2025	594.00	10.91	583.09
	6/12/2025	594.00	11.10	582.90
	7/6/2025	594.00	11.30	582.70
	8/4/2025	594.00	11.04	582.96
	9/3/2025	594.00	11.50	582.50
	10/6/2025	594.00	11.10	582.90
	11/17/2025	594.00	11.23	582.77
	12/17/2025	594.00	11.20	582.80

Table 3. Groundwater Elevations - Midwest Generation, LLC, Waukegan Station, Waukegan, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
MW-11	11/2/2015	590.35	5.27	585.08
	2/29/2016	590.35	5.54	584.81
	5/2/2016	590.35	5.17	585.18
	8/23/2016	590.35	6.04	584.31
	12/2/2016	590.35	5.86	584.49
	2/21/2017	590.35	5.87	584.48
	5/15/2017	590.35	5.33	585.02
	7/6/2017	590.35	5.62	584.73
	9/11/2017	590.35	5.61	584.74
	11/30/2017	590.35	5.68	584.67
	5/31/2018	590.35	5.41	584.94
	11/6/2018	590.35	5.29	585.06
	5/14/2019	590.35	5.55	584.80
	11/18/2019	590.35	5.80	584.55
	4/21/2020	590.35	5.85	584.50
	11/19/2020	590.35	6.66	583.69
	3/1/2021	590.35	5.46	584.89
	3/30/2021	590.35	6.54	583.81
	5/5/2021	590.35	6.81	583.54
	5/27/2021	590.35	6.76	583.59
	6/18/2021	590.35	6.75	583.60
	7/8/2021	590.35	6.72	583.63
	8/18/2021	590.35	6.90	583.45
	9/29/2021	590.35	7.40	582.95
	10/12/2021	590.35	6.77	583.58
	11/3/2021	590.35	6.61	583.74
	12/14/2021	590.35	6.61	583.74
	1/12/2022	590.35	6.68	583.67
	2/8/2022	590.35	6.85	583.50
	3/10/2022	590.35	6.30	584.05
	4/14/2022	590.35	7.40	582.95
	5/23/2022	590.35	6.40	583.95
	6/28/2022	590.35	6.65	583.70
	7/18/2022	590.35	6.60	583.75
	8/22/2022	590.35	6.35	584.00
	9/26/2022	590.35	5.50	584.85
	10/3/2022	590.35	6.40	583.95
	11/7/2022	590.35	6.36	583.99
	12/15/2022	590.35	5.90	584.45
	1/17/2023	590.35	6.40	583.95
	2/13/2023	590.35	6.16	584.19
	3/15/2023	590.35	5.60	584.75
	4/26/2023	590.35	6.30	584.05
	5/8/2023	590.35	6.34	584.01
	6/7/2023	590.35	6.55	583.80
	7/3/2023	590.35	6.30	584.05
	8/7/2023	590.35	6.60	583.75
	9/13/2023	590.35	6.60	583.75
	10/23/2023	590.35	6.25	584.10
	11/27/2023	590.35	6.33	584.02
	12/26/2023	590.35	6.25	584.10
	1/27/2024	590.35	5.80	584.55
	2/5/2024	590.35	6.11	584.24
	3/20/2024	590.35	6.30	584.05
	4/16/2024	590.35	6.10	584.25
	5/20/2024	590.35	6.27	584.08
	6/11/2024	590.35	6.05	584.30
	7/11/2024	590.35	6.30	584.05
	8/12/2024	590.35	6.06	584.29
	9/9/2024	590.35	6.40	583.95
	10/10/2024	590.35	6.70	583.65
	11/11/2024	590.35	6.42	583.93
	12/16/2024	590.35	6.15	584.20
	1/13/2025	590.35	6.50	583.85
	2/3/2025	590.35	6.61	583.74
	3/11/2025	590.35	6.45	583.90
	4/16/2025	590.35	6.50	583.85
	5/12/2025	590.35	6.45	583.90
	6/12/2025	590.35	6.60	583.75
	7/6/2025	590.35	6.70	583.65
	8/4/2025	590.35	6.41	583.94
	9/3/2025	590.35	6.70	583.65
	10/6/2025	590.35	6.50	583.85
	11/17/2025	590.35	6.53	583.82
	12/17/2025	590.35	6.50	583.85

Table 3. Groundwater Elevations - Midwest Generation, LLC, Waukegan Station, Waukegan, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
MW-14	11/2/2015	590.24	5.17	585.07
	2/29/2016	590.24	5.01	585.23
	5/2/2016	590.24	4.49	585.75
	8/23/2016	590.24	6.07	584.17
	12/2/2016	590.24	5.49	584.75
	2/21/2017	590.24	5.33	584.91
	5/15/2017	590.24	4.67	585.57
	7/6/2017	590.24	5.27	584.97
	9/11/2017	590.24	5.78	584.46
	11/30/2017	590.24	5.19	585.05
	6/1/2018	590.24	4.45	585.79
	11/6/2018	590.24	4.32	585.92
	5/14/2019	590.24	4.20	586.04
	11/18/2019	590.24	4.75	585.49
	4/21/2020	590.24	5.00	585.24
	11/19/2020	590.24	5.98	584.26
	3/1/2021	590.24	4.55	585.69
	3/30/2021	590.24	5.60	584.64
	5/5/2021	590.24	6.20	584.04
	5/27/2021	590.24	6.32	583.92
	6/18/2021	590.24	6.60	583.64
	7/8/2021	590.24	6.15	584.09
	8/18/2021	590.24	6.45	583.79
	9/29/2021	590.24	7.14	583.10
	10/12/2021	590.24	6.72	583.52
	11/3/2021	590.24	5.66	584.58
	12/14/2021	590.24	5.74	584.50
	1/12/2022	590.24	5.80	584.44
	2/8/2022	590.24	6.40	583.84
	3/10/2022	590.24	7.00	583.24
	4/14/2022	590.24	7.14	583.10
	5/23/2022	590.24	5.21	585.03
	6/28/2022	590.24	5.60	584.64
	7/18/2022	590.24	6.20	584.04
	8/22/2022	590.24	5.73	584.51
	9/26/2022	590.24	5.70	584.54
	10/3/2022	590.24	5.75	584.49
	11/7/2022	590.24	5.82	584.42
	12/15/2022	590.24	5.10	585.14
	1/17/2023	590.24	5.50	584.74
	2/13/2023	590.24	5.16	585.08
	3/15/2023	590.24	4.70	585.54
	4/26/2023	590.24	5.30	584.94
	5/8/2023	590.24	5.45	584.79
	6/7/2023	590.24	27.00	563.24
	7/3/2023	590.24	5.80	584.44
	8/7/2023	590.24	6.13	584.11
	9/13/2023	590.24	6.20	584.04
	10/23/2023	590.24	5.60	584.64
	11/27/2023	590.24	5.78	584.46
	12/26/2023	590.24	5.50	584.74
	1/27/2024	590.24	4.80	585.44
	2/5/2024	590.24	5.01	585.23
	3/20/2024	590.24	5.40	584.84
	4/16/2024	590.24	5.10	585.14
	5/20/2024	590.24	5.33	584.91
	6/11/2024	590.24	5.00	585.24
	7/11/2024	590.24	5.30	584.94
	8/12/2024	590.24	5.39	584.85
	9/9/2024	590.24	6.15	584.09
	10/10/2024	590.24	5.80	584.44
	11/11/2024	590.24	6.06	584.18
	12/16/2024	590.24	5.95	584.29
	1/13/2025	590.24	6.10	584.14
	2/3/2025	590.24	6.12	584.12
	3/11/2025	590.24	5.75	584.49
	4/16/2025	590.24	5.50	584.74
	5/12/2025	590.24	5.47	584.77
	6/12/2025	590.24	4.00	586.24
	7/6/2025	590.24	4.10	586.14
	8/4/2025	590.24	6.02	584.22
	9/3/2025	590.24	5.40	584.84
	10/6/2025	590.24	6.10	584.14
	11/17/2025	590.24	6.14	584.10
	12/17/2025	590.24	6.10	584.14

Table 3. Groundwater Elevations - Midwest Generation, LLC, Waukegan Station, Waukegan, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
MW-16	11/2/2015	607.41	25.13	582.28
	2/29/2016	607.41	24.91	582.50
	5/2/2016	607.41	25.23	582.18
	8/23/2016	607.41	28.33	579.08
	12/2/2016	607.41	28.22	579.19
	2/21/2017	607.41	27.71	579.70
	5/15/2017	607.41	23.99	583.42
	7/6/2017	607.41	27.03	580.38
	9/11/2017	607.41	26.74	580.67
	11/27/2017	607.41	27.49	579.92
	6/1/2018	607.41	23.22	584.19
	11/6/2018	607.41	23.65	583.76
	5/14/2019	607.41	23.40	584.01
	11/18/2019	607.41	23.60	583.81
	4/21/2020	607.41	25.26	582.15
	11/17/2020	607.41	27.50	579.91
	3/1/2021	607.41	27.25	580.16
	3/30/2021	607.41	26.96	580.45
	5/5/2021	607.41	27.50	579.91
	5/27/2021	607.41	27.35	580.06
	6/18/2021	607.41	27.12	580.29
	7/8/2021	607.41	26.41	581.00
	8/18/2021	607.41	26.92	580.49
	9/29/2021	607.41	27.45	579.96
	10/12/2021	607.41	26.99	580.42
	11/3/2021	607.41	27.04	580.37
	12/14/2021	607.41	27.60	579.81
	1/12/2022	607.41	22.80	584.61
	2/8/2022	607.41	28.22	579.19
	3/10/2022	607.41	27.85	579.56
	4/14/2022	607.41	27.40	580.01
	5/23/2022	607.41	25.85	581.56
	6/28/2022	607.41	27.20	580.21
	7/18/2022	607.41	27.30	580.11
	8/22/2022	607.41	27.28	580.13
	9/26/2022	607.41	21.40	580.13
	10/3/2022	607.41	27.40	580.01
	11/7/2022	607.41	28.09	579.32
	12/15/2022	607.41	28.00	579.41
	1/17/2023	607.41	27.80	579.61
	2/13/2023	607.41	27.67	579.74
	3/15/2023	607.41	25.20	582.21
	4/26/2023	607.41	25.40	582.01
	5/8/2023	607.41	25.64	581.77
	6/7/2023	607.41	27.00	580.41
	7/3/2023	607.41	26.65	580.76
	8/7/2023	607.41	27.88	579.53
	9/13/2023	607.41	28.40	579.01
	10/23/2023	607.41	28.00	579.41
	11/27/2023	607.41	28.40	579.01
	12/26/2023	607.41	28.25	579.16
	1/27/2024	607.41	26.05	581.36
	2/5/2024	607.41	25.83	581.58
	3/20/2024	607.41	26.60	580.81
	4/16/2024	607.41	25.50	581.91
	5/20/2024	607.41	25.70	581.71
	6/11/2024	607.41	25.40	582.01
	7/11/2024	607.41	26.20	581.21
	8/12/2024	607.41	25.62	581.79
	9/9/2024	607.41	27.60	579.81
	10/10/2024	607.41	26.60	580.81
	11/11/2024	607.41	28.72	578.69
	12/16/2024	607.41	28.85	578.56
	1/13/2025	607.41	29.00	578.41
	2/3/2025	607.41	29.17	578.24
	3/11/2025	607.41	29.10	578.31
	4/16/2025	607.41	28.50	578.91
	5/12/2025	607.41	27.76	579.65
	6/12/2025	607.41	27.60	579.81
	7/6/2025	607.41	27.80	579.61
	8/4/2025	607.41	27.65	579.76
	9/3/2025	607.41	28.00	579.41
	10/6/2025	607.41	28.00	579.41
	11/17/2025	607.41	28.36	579.05
	12/17/2025	607.41	28.10	579.31

MSL - Mean Sea Level
TOC - Top of Casing

Table 4. Groundwater Flow Direction and Estimated Seepage Velocity/Flow Rate - Waukegan Generation Station.

DATE	Groundwater Flow Direction	K_{avg} (ft/sec)*	Average Hydraulic Gradient (ft/ft)	Porosity (unitless)**	Estimated Seepage Velocity (ft/day)
1/13/2025	East-Southeast	1.790E-03	0.0022	0.35	0.98
2/3/2025	East-Southeast	1.790E-03	0.0024	0.35	1.07
3/11/2025	East-Southeast	1.790E-03	0.0026	0.35	1.15
4/16/2025	East-Southeast	1.790E-03	0.0029	0.35	1.29
5/12/2025	East-Southeast	1.790E-03	0.0027	0.35	1.18
6/12/2025	East-Southeast	1.790E-03	0.0032	0.35	1.40
7/6/2025	East-Southeast	1.790E-03	0.0031	0.35	1.36
8/4/2025	East-Southeast	1.790E-03	0.0016	0.35	0.72
9/3/2025	East-Southeast	1.790E-03	0.0025	0.35	1.09
10/6/2025	East-Southeast	1.790E-03	0.0020	0.35	0.89
11/17/2025	East-Southeast	1.790E-03	0.0029	0.35	1.29
12/17/2025	East-Southeast	1.790E-03	0.0021	0.35	0.95

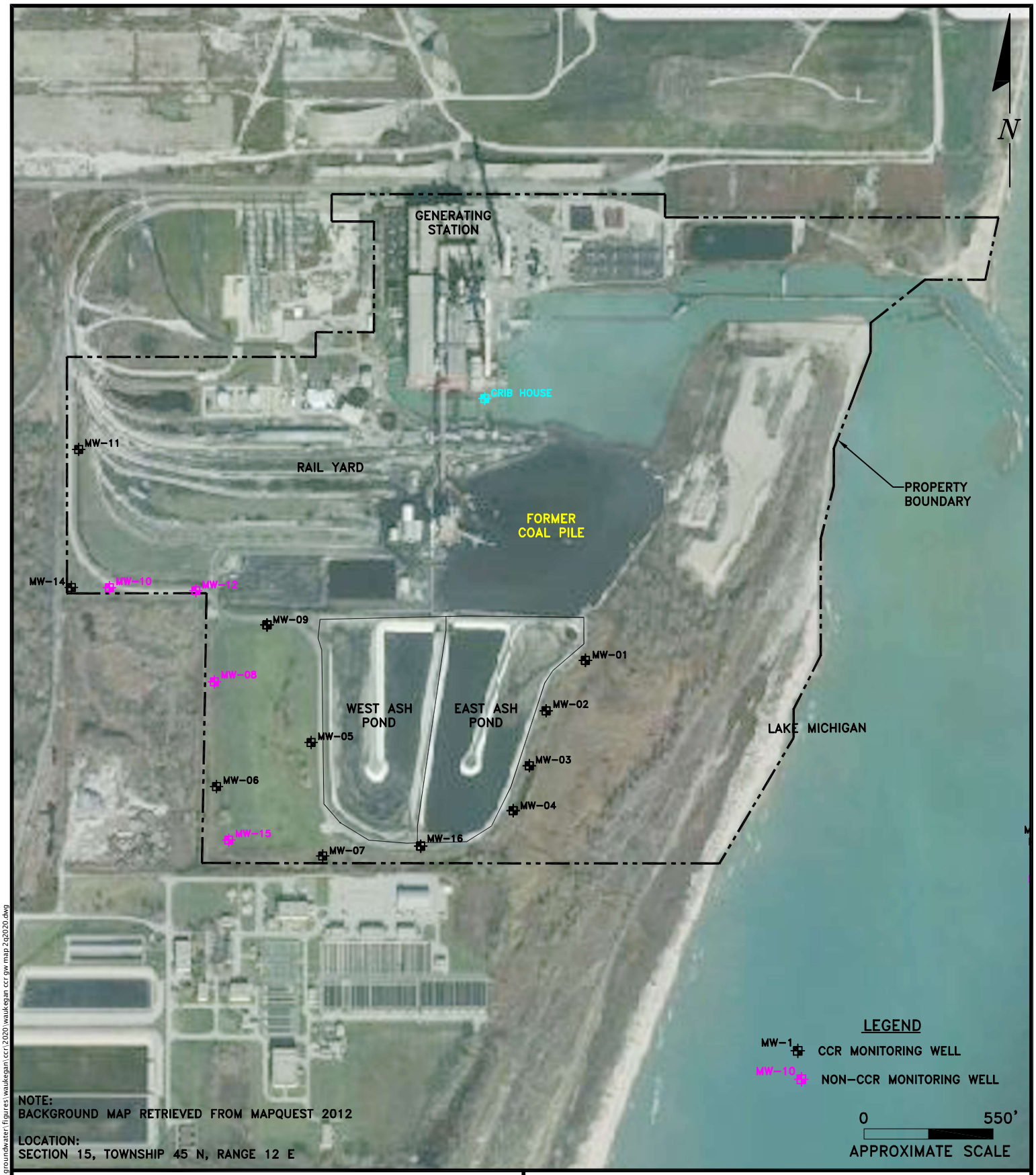
* K_{avg} - K values from re-evaluation of slug test data as part of groundwater modeling in support of Application for Construction Permit per Illinois State CCR Rule.

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

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

Well ID	Number of Groundwater Sampling Events	Dates of Groundwater Sampling Events
MW-09 (Background)	4	2/4/2025
		5/12/2025
		8/5/2025
		11/18/2025
MW-11 (Background)	4	2/4/2025
		5/12/2025
		8/5/2025
		11/18/2025
MW-14 (Background)	4	2/4/2025
		5/12/2025
		8/5/2025
		11/18/2025
MW-06 (Background)	1	11/19/2025
MW-01 (Downgradient)	4	2/3/2025
		5/12/2025
		8/4/2025
		11/17/2025
MW-02 (Downgradient)	4	2/3/2025
		5/12/2025
		8/4/2025
		11/17/2025
MW-03 (Downgradient)	4	2/3/2025
		5/12/2025
		8/4/2025
		11/17/2025
MW-04 (Downgradient)	4	2/5/2025
		5/12/2025
		8/4/2025
		11/17/2025
MW-16 (Downgradient)	4	2/3/2025
		5/12/2025
		8/5/2025
		11/19/2025
MW-05 (Downgradient)	1	11/19/2025
MW-07 (Downgradient)	1	11/19/2025

FIGURES



ENVIRONMENTAL CONSULTATION & REMEDIATION

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

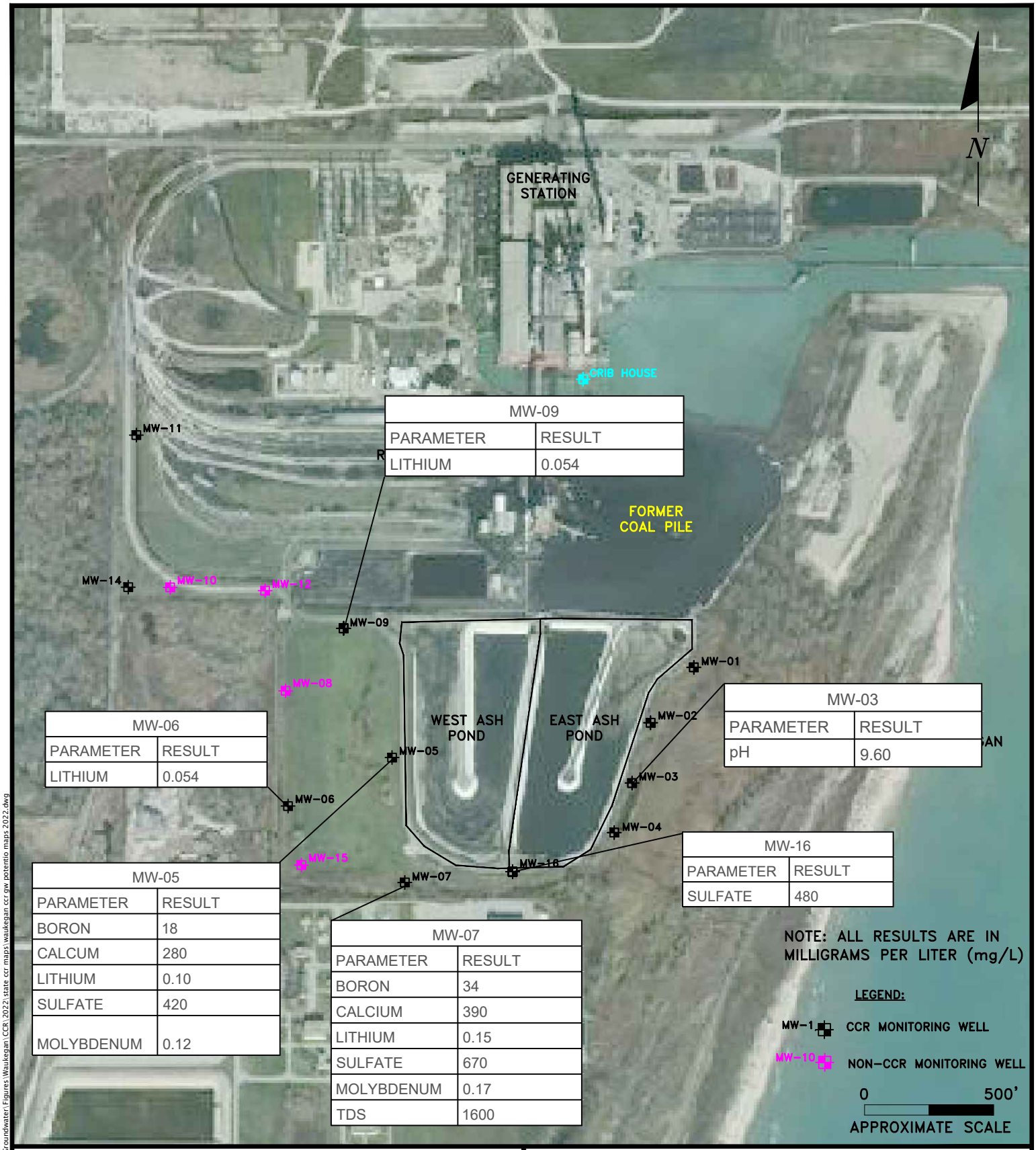
CCR MONITORING WELL SITE MAP

WAUKEGAN STATION
WAUKEGAN, ILLINOIS

Scale: 1" = 550' | Date: January 6, 2026

KPRG Project No. 12313.2 | FIGURE 1

W:\projects\midwest generation\12313 ash pond groundwater\figures\waukegan ccr\2020\waukegan ccr gw map 2q2020.dwg



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4Q2025 AREAL DISTRIBUTION MAP OF PARAMETERS ABOVE GWPSs

WAUKEGAN STATION
WAUKEGAN, ILLINOIS

Scale: 1" = 500' | Date: January 1, 2026

KPRG Project No. 12313.2 | Figure 2

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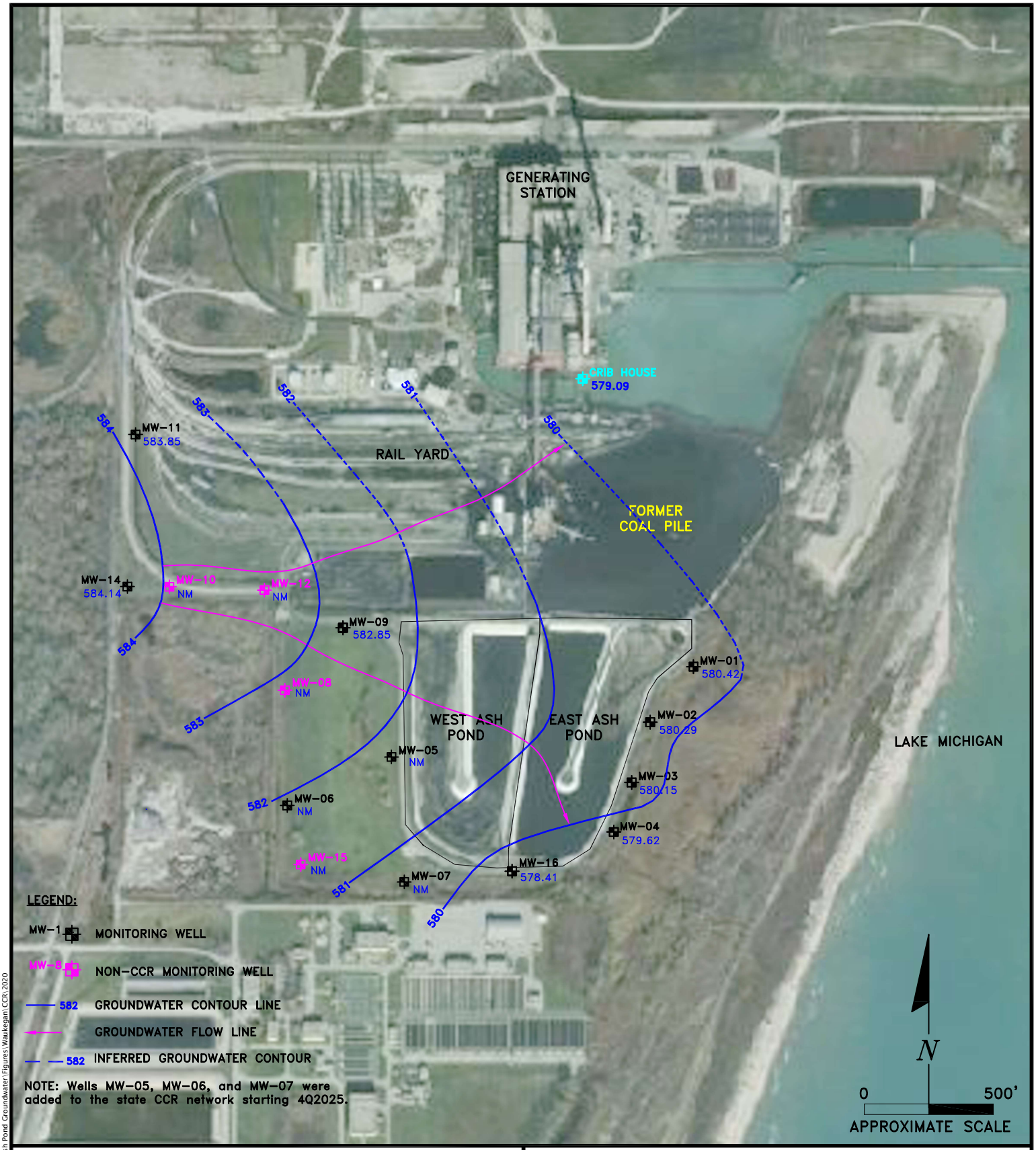
ATTACHMENT 1
Monthly Potentiometric Maps



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POTENTIOMETRIC MAP 01/2025

WAUKEGAN STATION
WAUKEGAN, ILLINOIS

Scale: 1" = 500' | Date: January 12, 2026

KPRG Project No. 12313.2 | ATTACHMENT 1

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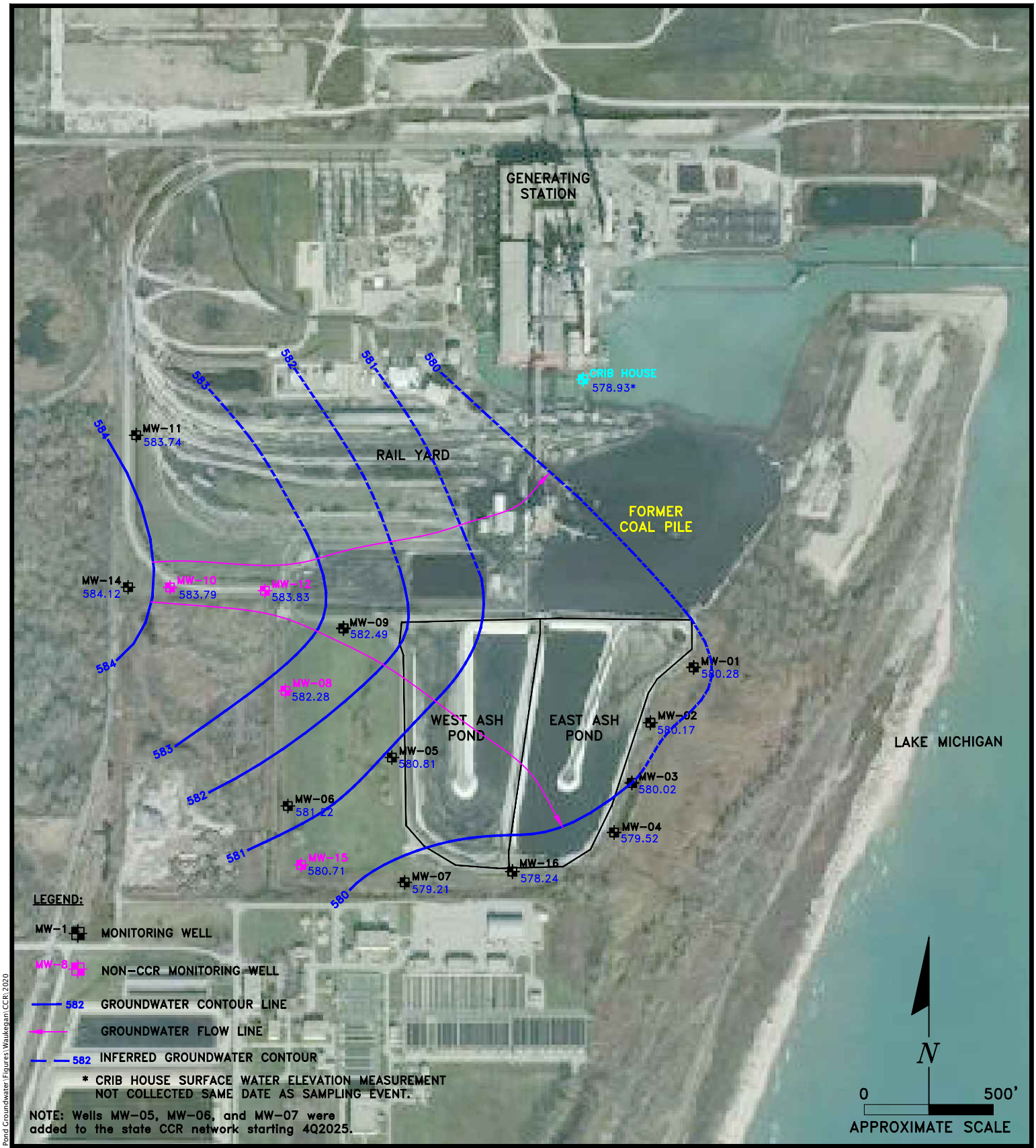

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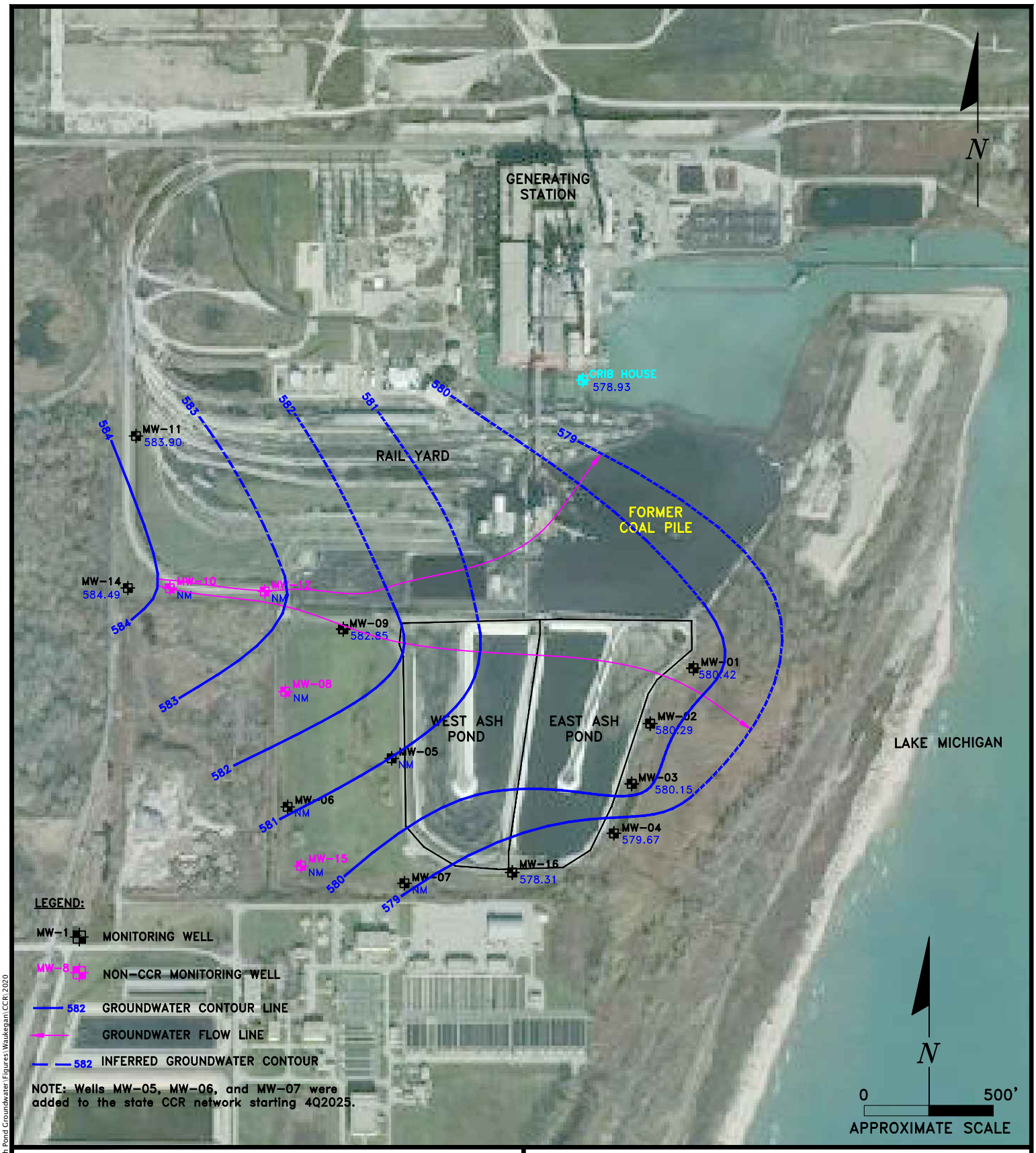
POTENTIOMETRIC MAP 02/2025

WAUKEGAN STATION
WAUKEGAN, ILLINOIS

Scale: 1" = 500' | Date: January 12, 2026

KPRG Project No. 12313.2 | ATTACHMENT 1



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POTENTIOMETRIC MAP 03/2025

WAUKEGAN STATION
WAUKEGAN, ILLINOIS

Scale: 1" = 500' | Date: January 12, 2026

KPRG Project No. 12313.2 | ATTACHMENT 1

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

POTENTIOMETRIC MAP 04/2025

WAUKEGAN STATION
WAUKEGAN, ILLINOIS

Scale: 1" = 500' | Date: January 12, 2026

KPRG Project No. 12313.2 | ATTACHMENT 1

T:\Common\Projects\Midwest Generation\12313 Ash Pond Groundwater\Figures\Waukegan\CCR\2020

ENVIRONMENTAL CONSULTATION & REMEDIATION

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POTENTIOMETRIC MAP 05/2025

WAUKEGAN STATION
WAUKEGAN, ILLINOIS

Scale: 1" = 500' | Date: January 12, 2026

KPRG Project No. 12313.2 | ATTACHMENT 1

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ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G

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POTENTIOMETRIC MAP 06/2025

WAUKEGAN STATION
WAUKEGAN, ILLINOIS

Scale: 1" = 500' | Date: January 12, 2026

KPRG Project No. 12313.2 | ATTACHMENT 1

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POTENTIOMETRIC MAP 07/2025

WAUKEGAN STATION
WAUKEGAN, ILLINOIS

Scale: 1" = 500' | Date: January 12, 2026

KPRG Project No. 12313.2 | ATTACHMENT 1

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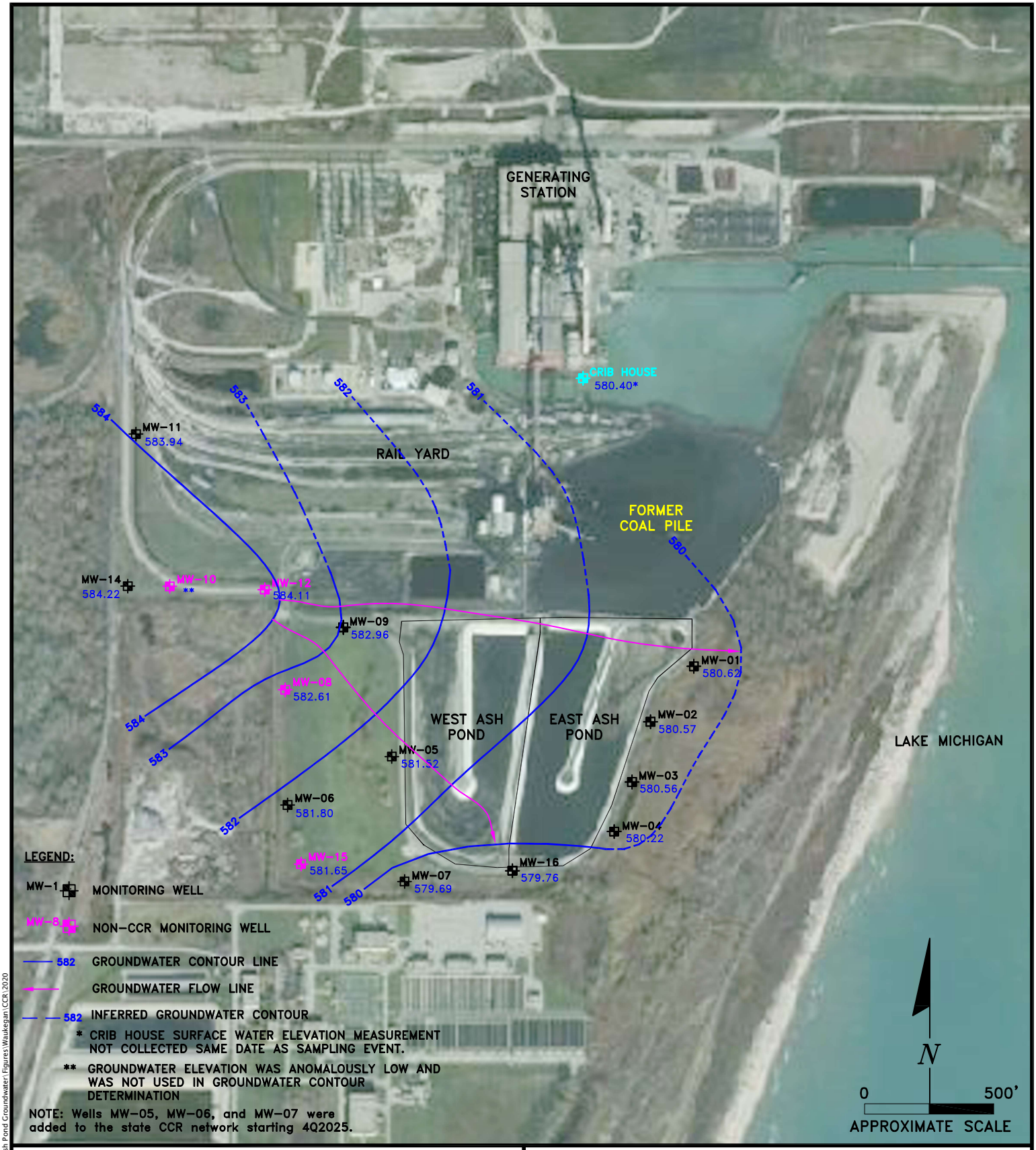

ENVIRONMENTAL CONSULTATION & REMEDIATION

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POTENTIOMETRIC MAP 08/2025

WAUKEGAN STATION
WAUKEGAN, ILLINOIS

Scale: 1" = 500' | Date: January 12, 2026

KPRG Project No. 12313.2 | ATTACHMENT 1

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POTENTIOMETRIC MAP 09/2025

WAUKEGAN STATION
WAUKEGAN, ILLINOIS

Scale: 1" = 500' | Date: January 12, 2026

KPRG Project No. 12313.2 | ATTACHMENT 1

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ENVIRONMENTAL CONSULTATION & REMEDIATION

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POTENTIOMETRIC MAP 10/2025

WAUKEGAN STATION
WAUKEGAN, ILLINOIS

Scale: 1" = 500' | Date: January 12, 2026

KPRG Project No. 12313.2 | ATTACHMENT 1

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LEGEND:

MW-1 MONITORING WELL

MW-8 NON-CCR MONITORING WELL

582 GROUNDWATER CONTOUR LINE

GROUNDWATER FLOW LINE

582 INFERRED GROUNDWATER CONTOUR

* CRIB HOUSE SURFACE WATER ELEVATION MEASUREMENT NOT COLLECTED SAME DATE AS SAMPLING EVENT.

** GROUNDWATER ELEVATION WAS ANOMALOUSLY LOW AND WAS NOT USED IN GROUNDWATER CONTOUR DETERMINATION

NOTE: Wells MW-05, MW-06, and MW-07 were added to the state CCR network starting 4Q2025.

ENVIRONMENTAL CONSULTATION & REMEDIATION

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POTENTIOMETRIC MAP 11/2025

WAUKEGAN STATION
WAUKEGAN, ILLINOIS

Scale: 1" = 500' | Date: January 12, 2026

KPRG Project No. 12313.2 | ATTACHMENT 1

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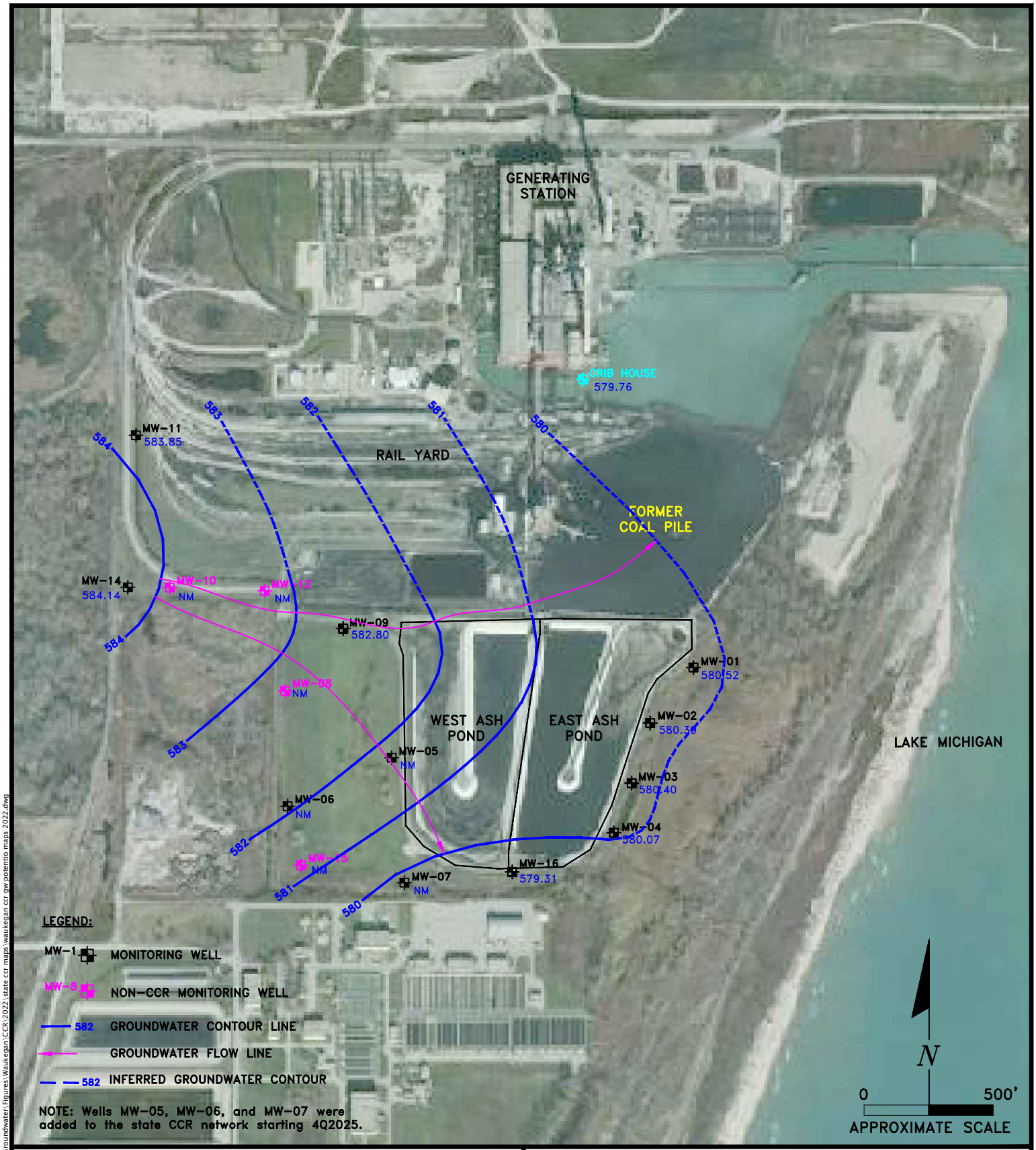

ENVIRONMENTAL CONSULTATION & REMEDIATION

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POTENTIOMETRIC MAP 12/2025

WAUKEGAN STATION
WAUKEGAN, ILLINOIS

Scale: 1" = 500' | Date: January 12, 2026

KPRG Project No. 12313.2 | ATTACHMENT 1

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ATTACHMENT D
MONTHLY SURFACE IMPOUNDMENT WATER ELEVATIONS

Monthly Surface Impoundment Water Elevations
Midwest Generation, LLC, Waukegan Station, Waukegan, IL

Surface Impoundment	Date	Basin Bottom Elevation (ft above MSL)	Depth of Water in Pond (ft)	Water Surface Elevation (ft above MSL)
East Pond	12/14/2021	585.56	8.75	594.31
	1/12/2022	585.56	7.81	593.37
	2/8/2022	585.56	7.82	593.38
	3/10/2022	585.56	8.67	594.23
	4/14/2022	585.56	8.20	593.76
	5/23/2022	585.56	8.39	593.95
	6/28/2022	585.56	7.30	592.86
	7/18/2022	585.56	6.00	591.56
	8/22/2022	585.56	7.70	593.26
	9/26/2022	585.56	8.77	594.33
	10/3/2022	585.56	6.31	591.87
	11/7/2022	585.56	6.67	592.23
	12/15/2022	585.56	6.81	592.37
	1/17/2023	585.56	9.01	594.57
	2/13/2023	585.56	7.25	592.81
	3/15/2023	585.56	9.43	594.99
	4/26/2023	585.56	7.52	593.08
	5/8/2023	585.56	8.29	593.85
	6/7/2023	585.56	5.89	591.45
	7/3/2023	585.56	5.61	591.17
	8/7/2023	585.56	6.21	591.77
	9/13/2023	585.56	5.50	591.06
	10/23/2023	585.56	4.11	589.67
	11/27/2023	585.56	15.68	601.24
	12/26/2023	585.56	5.26	590.82
	1/27/2024	585.56	7.21	592.77
	2/5/2024	585.56	8.51	594.07
	3/20/2024	585.56	8.65	594.21
	4/16/2024	585.56	3.15	588.71
	5/20/2024	585.56	2.55	588.11
	6/11/2024	585.56	1.02	586.58
	7/11/2024	585.56	1.02	586.58
	8/12/2024	585.56	0.78	586.34
	9/9/2024	585.56	0.00	585.56
	10/10/2024	585.56	0.00	585.56
	11/11/2024	585.56	0.00	585.56
	12/16/2024	585.56	0.00	585.56
	1/13/2025	585.56	0.00	585.56
	2/11/2025	585.56	0.00	585.56
	3/11/2025	585.56	0.00	585.56
	4/16/2025	585.56	0.00	585.56
	5/14/2025	585.56	0.00	585.56
	6/12/2025	585.56	0.00	585.56
	7/6/2025	585.56	0.00	585.56
	8/4/2025	585.56	0.65	586.21
	9/3/2025	585.56	0.00	585.56
	10/6/2025	585.56	0.00	585.56
	12/17/2025	585.56	0.00	585.56
West Pond	12/14/2021	585.56	1.01	586.57
	1/12/2022	585.56	1.10	586.66
	2/8/2022	585.56	1.10	586.66
	3/10/2022	585.56	1.25	586.81
	4/14/2022	585.56	1.11	586.67
	5/23/2022	585.56	1.16	586.72
	6/28/2022	585.56	1.20	586.76
	7/18/2022	585.56	1.00	586.56
	8/22/2022	585.56	0.80	586.36
	9/26/2022	585.56	1.17	586.73
	10/3/2022	585.56	0.85	586.41
	11/7/2022	585.56	0.53	586.09
	12/15/2022	585.56	0.83	586.39
	1/17/2023	585.56	1.01	586.57
	2/13/2023	585.56	0.97	586.53
	3/15/2023	585.56	0.94	586.50
	4/26/2023	585.56	0.94	586.50
	5/8/2023	585.56	3.34	588.90
	6/7/2023	585.56	0.83	586.39
	7/3/2023	585.56	0.71	586.27
	8/7/2023	585.56	0.77	586.33
	9/13/2023	585.56	0.84	586.40
	10/23/2023	585.56	0.00	585.56
	11/27/2023	585.56	6.86	592.42
	12/26/2023	585.56	0.00	585.56
	1/27/2024	585.56	0.00	585.56
	2/5/2024	585.56	1.02	586.58
	3/20/2024	585.56	0.00	585.56
	4/16/2024	585.56	0.68	586.24
	5/20/2024	585.56	0.68	586.24
	6/11/2024	585.56	0.00	585.56
	7/11/2024	585.56	2.43	587.99
	8/12/2024	585.56	1.27	586.83
	9/9/2024	585.56	0.00	585.56
	10/10/2024	585.56	0.00	585.56
	11/11/2024	585.56	0.00	585.56
	12/16/2024	585.56	0.00	585.56
	1/13/2025	585.56	0.00	585.56
	2/11/2025	585.56	0.00	585.56
	3/11/2025	585.56	0.00	585.56
	4/16/2025	585.56	0.00	585.56
	5/14/2025	585.56	0.00	585.56
	6/12/2025	585.56	0.00	585.56
	7/6/2025	585.56	0.00	585.56
	8/4/2025	585.56	14.81	600.37
	9/3/2025	585.56	0.00	585.56
	10/6/2025	585.56	0.00	585.56
	12/17/2025	585.56	0.00	585.56