



ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

**FEDERAL CCR COMPLIANCE
ANNUAL GROUNDWATER MONITORING and
CORRECTIVE ACTION REPORT - 2025**

**Midwest Generation, LLC
Will County
259 E. 135th Street
Romeoville, Illinois**

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January 31, 2026

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OVERVIEW

Groundwater monitoring requirements in accordance with the Federal Register, Environmental Protection Agency, 40 CFR Parts 257.94, Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule dated April 17, 2015 (CCR Rule) and subsequent amendments, have been completed for the ash pond monitoring wells located at the Midwest Generation, LLC (Midwest Generation) Will County Generating Station. The wells sampled were selected to meet the monitoring requirements of the CCR Rule for Ash Ponds 2 South (2S) and 3 South (3S). The CCR monitoring well network around these ponds consists of six monitoring wells (MW-05, MW-06, MW-09, MW-10, MW-11, and MW-12) as shown on Figure 1. Wells MW-05 and MW-06 are upgradient wells. Wells MW-16 and MW-17 are assessment wells that were installed in 2024. In addition, one assessment well was installed in 2025, MW-18, as part of defining the nature and extent of impacts in accordance with Section 257.95(g)(1).

This overview of the 2025 groundwater monitoring period is provided in accordance with requirements under Section 257.90(e)(6). Each required item is discussed separately below.

- Section 257.90(e)(6)(i) – At the start of the current monitoring period, the subject CCR unit was operating under the assessment monitoring program outlined in Section 257.95.
- Section 257.90(e)(6)(ii) – At the end of the current monitoring period, the subject CCR unit is operating under assessment monitoring in accordance with Section 257.95. The shift to assessment monitoring occurred on March 28, 2022.
- Section 257.90(e)(6)(iii) – The following confirmed potential statistically significant increases (SSIs) above established background for Appendix III detection monitoring constituents for CCR network wells were noted during this monitoring period:
 - MW-09 – chloride (1st through 4th quarter), fluoride (3rd quarter)
 - MW-10 – chloride (2nd and 3rd quarters), fluoride (2nd through 4th quarters), total dissolved solids (TDS; 1st quarter)
 - MW-12 – TDS (1st through 4th quarters)
 - MW-16 (assessment well) – chloride (1st quarter), TDS (1st quarter)
 - MW-17 (assessment well) – fluoride (3rd and 4th quarters)
 - MW-18 (assessment well) – boron (4th quarter)

Wells MW-05 and MW-06 are upgradient monitoring points.

- Section 257.90(e)(6)(iv) – The following Appendix IV constituents were detected above the established Groundwater Protection Standards (GWPSs):
 - o Arsenic – MW-10 (1st through 3rd quarters), MW-11 (1st and 2nd quarters)
 - o Molybdenum: MW-17 (assessment well; 1st through 4th quarters), MW-18 (assessment well; 4th quarter)
 - o Selenium: MW-05 (upgradient; 2nd quarter)

Wells MW-17 and MW-18 are assessment wells installed to assist in defining the nature and extent of impacts (see Section 4.0). It is noted that the 4th quarter 2025 sampling of assessment well MW-18 was the initial sampling at that location. Additional verification sampling will occur in the first quarter 2026. Based on fourth quarter 2022 assessment verification sampling data for arsenic, which was received on January 9, 2023, an Assessment of Corrective Measures (ACM) for Ponds 2S and 3S was initiated on February 14, 2023 and completed on May 11, 2023. Public meetings were held on June 7th and 8th, 2023 presenting the results of the ACM.

In accordance with Section 257.95(g)(1) work has been ongoing to define the nature and extent of the release. Results of the work are discussed in Section 4.0 of this annual report.

- Section 257.90(e)(6)(v) – Remedy selection pursuant to Section 257.97 is in process; however, was not completed during this reporting period as Midwest Generation is awaiting Illinois Environmental Protection Agency (IEPA) review/approval of a State required Application for Initial Construction Permit (submitted to IEPA on August 1, 2023) under the State CCR Rule program prior to being able to proceed with final remedy selection and subsequent implementation.
- Section 257.90(e)(6)(vi) – As noted above, because Midwest Generation is waiting for an approved Construction Permit Application from IEPA, remedial activities pursuant to Section 257.98 were not initiated during this reporting period.

1.0 INTRODUCTION

In the 2025 reporting period, assessment monitoring requirements in accordance with the Federal Register, Environmental Protection Agency, 40 CFR Parts 257.95, Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule dated April 17, 2015 (CCR Rule) have been completed for the ash pond monitoring wells located at the Midwest Generation, LLC (Midwest Generation) Will County Generating Station. The wells sampled were selected to meet the monitoring requirements of the CCR Rule for Ash Ponds 2 South (2S) and 3 South (3S). The CCR monitoring well network around these ponds consists of six monitoring wells (MW-05, MW-06, MW-09, MW-10, MW-11, and MW-12) as shown on Figure 1. Wells MW-05 and MW-06 are upgradient wells.

This annual report covers the work performed relative to CCR groundwater monitoring for the calendar year 2025. It does not duplicate information or activities previously reported for prior years. It is prepared in accordance with Section 257.90(e)(1-6) and summarizes the sampling procedures used, provides an evaluation of groundwater flow conditions and summarizes the analytical data generated.

2.0 FIELD PROCEDURES AND GROUNDWATER FLOW EVALUATION

2.1 Field Procedures

As previously noted, the CCR groundwater monitoring network around the Ash Ponds 2S and 3S at the Will County facility consists of six wells (MW-05, MW-06, MW-09, MW-10, MW-11, and MW-12) as shown on Figure 1. As part of sampling procedures, the integrity of all monitoring wells was inspected and water levels were obtained using an electronic water level meter (see summary of water level discussion below). Wells MW-05, MW-06, and MW-09 were found in good condition with locked protector casings and intact concrete surface seals. Wells MW-10, MW-11, and MW-12 are completed with flush-mounts at ground surface and were also in good condition.

All groundwater samples were collected using the low-flow sampling technique from dedicated pumps. The samples were not filtered prior to analysis to provide for total metals concentrations as opposed to dissolved metals concentrations. One duplicate sample was collected from a randomly selected monitoring well per sampling event for quality assurance purposes.

2.2 Groundwater Flow Evaluation

Water level data measurements were obtained from each well during each round of groundwater monitoring. A complete round of water levels was collected prior to initiating sampling, and the water level data are summarized in Table 1. The water levels were used to generate a groundwater flow map for each sampling event. These maps are provided in Attachment 1. A review of the maps indicates a consistent westerly groundwater flow direction. In accordance with general groundwater sampling requirements under Section 257.93(c), Table 2 provides a summary of the flow direction and an estimated rate of groundwater flow for each sampling event. The flow rate was calculated using the following equation:

$$V_s = \frac{Kdh}{n_e dl}, \text{ where}$$

V_s is seepage velocity (distance/time)

K is hydraulic conductivity (distance/time)

dh/dl is hydraulic gradient (unitless)

n_e is effective porosity (unitless)

The average hydraulic conductivity used in Table 2 was based on a re-evaluation of slug test data performed by Patrick Engineering as part of a hydrogeologic assessment dated

February 2011. The estimated effective porosity of the sandy materials (0.35) was obtained from literature (Applied Hydrogeology, Fetter, 1980).

3.0 ANALYTICAL DATA AND STATUS OF EVALUATIONS

3.1 Sampling Summary

The groundwater sampling summary from the 2025 reporting period is provided in Table 3, in accordance with 257.90 (e)(3).

3.2 Data Summary

The analytical data from the detection monitoring groundwater sampling for Appendix III parameters are provided in Table 4 which includes calculated Prediction Limits (PLs) established in the initial CCR Groundwater Monitoring Statistical Evaluation Summary dated January 2018 for data comparison purposes. The downgradient intrawell prediction limits were established for the three parameters which were part of the Alternate Source Demonstration (ASD) as recommended at the end of that evaluation. Table 5 includes a summary of Appendix IV sampling data generated as part of assessment monitoring which was initiated the 2nd quarter 2022. Table 5 includes calculated GWPSs for any Appendix IV constituents detected during the initial round of assessment monitoring data in accordance with Sections 257.95(h).

Quarterly groundwater sampling was completed during the 2025 reporting period. The full list of Appendix III and IV parameters were analyzed. The data summarized in Tables 4 and 5 include the sample dates and whether the specific well is considered upgradient or downgradient relative to groundwater flow and the regulated unit. The analytical data packages are provided in Attachment 2.

The following Appendix IV constituents were detected above the established Groundwater Protection Standards (GWPSs):

- o Arsenic – MW-10 (1st through 3rd quarters), MW-11 (1st and 2nd quarters)
- o Molybdenum: MW-17 (assessment well; 1st through 4th quarters), MW-18 (assessment well; 4th quarter)
- o Selenium: MW-05 (upgradient; 2nd quarter)

Wells MW-17 and MW-18 are assessment wells installed to assist in defining the nature and extent of impacts (see Section 4.0). It is noted that the 4th quarter 2025 sampling of assessment well MW-18 was the initial sampling at that location. Additional verification sampling will occur in the first quarter 2026.

3.3 Current Status

The site continues to be in assessment monitoring. Additional study is being performed for refining the definition of the extent of impacts in accordance with Section 257.95(g)(1), as discussed in Section 4.0.

4.0 OTHER REQUIRED SUBMITTALS

In accordance with Section 257.95(g)(1), a nature and extent of impacts evaluations has been initiated and is ongoing. As part of the nature and extent evaluation work completed in 2024 and 2025, the CCR monitoring network was expanded to include downgradient assessment monitoring wells MW-16 and MW-17 which were installed in 2024, and MW-18 which was installed in the 4th quarter 2025 (see Figure 1 and Attachment 3). The objective of the assessment study was to define the extent of groundwater impacts above the established GWPS downgradient of Ponds 2S and 3S to the west and southwest. The results of the study are summarized as follows:

- Arsenic and molybdenum were detected in CCR network monitoring wells above their respective site-specific GWPSs.
- With the initial installation of assessment monitoring wells MW-16 and MW-17 in 2024, the extent of arsenic impacts has been fully defined, however, the extent of molybdenum impacts had not yet been fully defined to the south.
- The installation of assessment well MW-18 to date only includes one round of sampling (4th quarter 2025). Additional sampling is in the process of being scheduled to verify the initial sampling results. Verification sampling will occur during the next scheduled sampling event (1st quarter 2026).

An updated nature and extent of impacts evaluation report will be completed after the next round of quarterly groundwater sampling and is expected to be finalized by the end of 1st quarter 2026.

5.0 SUMMARY/CONCLUSIONS AND RECOMMENDATIONS

The site continues to be in assessment monitoring. The assessment monitoring requirements in accordance with the CCR rule are being met. The wells which showed concentrations of Appendix IV parameters above the established GWPSs were as follows:

- Arsenic – MW-10 (1st through 3rd quarters), MW-11 (1st and 2nd quarters)
- Molybdenum: MW-17 (assessment well; 1st through 4th quarters), MW-18 (assessment well; 4th quarter)
- Selenium: MW-05 (upgradient; 2nd quarter)

Wells MW-17 and MW-18 are assessment wells installed to assist in defining the nature and extent of impacts (see Section 4.0). As previously noted, the 4th quarter 2025 sampling of assessment well MW-18 was the initial sampling at that location. Additional verification sampling will occur in the first quarter 2026.

At this time, it is recommended to continue with assessment monitoring in accordance with Section 257.95 and formalize selection of remedy in accordance with Section 257.97 once the Initial Application for Initial Construction Permit submitted to IEPA on August 1, 2023, as required under the State CCR Rule program, is approved. It is noted that once the final remedy is selected, initiation of remedial activities must occur within 90-days in accordance with Section 257.98.

A refinement of the nature and extent of impacts evaluation is also currently ongoing in accordance with Section 257.95(g)(1). Results of the additional ongoing work will be provided under separate cover.

6.0 REFERENCES

- Federal Register, Environmental Protection Agency, 40 CFR Parts 257 and 261, Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals From Electric Utilities; Final Rule. Vol. 80, No. 74, Friday April 17, 2015.
- Patrick Engineering, Inc., Hydrogeologic Assessment Report – Will County Generating Station, Romeoville, IL. February 2011.
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- KPRG and Associates, Inc., CCR Groundwater Monitoring Statistical Evaluation Summary - 2017, Midwest Generation, LLC Will County Generating Station. January 12, 2018.
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- KPRG and Associates, Inc., CCR Compliance Annual Groundwater Monitoring and Corrective Action Report - 2024, Midwest Generation, LLC Will County Generating Station. January 31, 2025.
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FIGURE



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ENVIRONMENTAL CONSULTATION & REMEDIATION		SITE MAP	
K P R G KPRG and Associates, inc.		WILL COUNTY STATION ROMEOVILLE, ILLINOIS	
14665 West Lisbon Road, Suite 2B Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478		Scale: 1" = 250'	Date: January 14, 2026
414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593		KPRG Project No. 12313.3	FIGURE 1

TABLES

Table 1. Groundwater Elevations - Midwest Generation, LLC, Will County Station, Romeoville, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
MW-05	11/9/2015	592.87	9.99	582.88
	2/16/2016	592.87	9.91	582.96
	5/24/2016	592.87	9.94	582.93
	8/9/2016	592.87	10.09	582.78
	10/25/2016	592.87	9.02	583.85
	1/31/2017	592.87	9.81	583.06
	5/9/2017	592.87	9.63	583.24
	6/27/2017	592.87	10.26	582.61
	9/6/2017	592.87	10.48	582.39
	11/16/2017	592.87	10.02	582.85
	2/28/2018	592.87	9.48	583.39
	5/1/2018	592.87	9.94	582.93
	10/2/2018	592.87	10.64	582.23
	5/28/2019	592.87	8.73	584.14
	12/5/2019	592.87	9.92	582.95
	5/22/2020	592.87	9.39	583.48
	11/3/2020	592.87	10.48	582.39
	5/24/2021	592.87	10.21	582.66
	11/19/2021	592.87	10.25	582.62
	1/19/2022	592.87	10.54	582.33
	2/10/2022	592.87	10.85	582.02
	3/14/2022	592.87	9.90	582.97
	4/6/2022	592.87	9.59	583.28
	5/23/2022	592.87	10.06	582.81
	6/29/2022	592.87	10.68	582.19
	7/19/2022	592.87	10.40	582.47
	8/23/2022	592.87	10.26	582.61
	9/20/2022	592.87	10.17	582.70
	10/13/2022	592.87	11.09	581.78
	11/15/2022	592.87	10.66	582.21
	12/19/2022	592.87	9.96	582.91
	1/26/2023	592.87	10.03	582.84
	2/21/2023	592.87	9.88	582.99
	3/15/2023	592.87	9.92	582.95
	4/25/2023	592.87	10.29	582.58
	5/19/2023	592.87	10.68	582.19
	6/8/2023	592.87	11.50	581.37
	7/25/2023	592.87	10.19	582.68
	8/29/2023	592.87	10.47	582.40
	9/21/2023	592.87	9.97	582.90
	10/19/2023	592.87	10.11	582.76
	11/14/2023	592.87	10.51	582.36
	12/7/2023	592.87	10.03	582.84
	1/1/2024	592.87	9.84	583.03
	2/5/2024	592.87	9.87	583.00
	3/8/2024	592.87	9.94	582.93
	4/19/2024	592.87	10.03	582.84
	5/6/2024	592.87	9.79	583.08
	6/20/2024	592.87	10.45	582.42
	7/25/2024	592.87	10.26	582.61
	8/1/2024	592.87	10.53	582.34
	9/23/2024	592.87	11.04	581.83
	10/25/2024	592.87	11.62	581.25
	11/1/2024	592.87	11.76	581.11
	12/17/2024	592.87	10.78	582.09
	1/27/2025	592.87	10.93	581.94
	2/3/2025	592.87	10.45	582.42
	3/10/2025	592.87	9.94	582.93
	4/18/2025	592.87	10.07	582.80
	5/5/2025	592.87	10.04	582.83
	6/25/2025	592.87	10.07	582.80
	7/18/2025	592.87	10.97	581.90
	8/1/2025	592.87	10.03	582.84
	9/16/2025	592.87	11.12	581.75
	10/23/2025	592.87	11.47	581.40
	11/10/2025	592.87	11.89	580.98
	12/17/2025	592.87	10.78	582.09

Table 1. Groundwater Elevations - Midwest Generation, LLC, Will County Station, Romeoville, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
MW-06	11/9/2015	593.18	9.96	583.22
	2/16/2016	593.18	11.37	581.81
	5/24/2016	593.18	11.37	581.81
	8/9/2016	593.18	11.54	581.64
	10/25/2016	593.18	11.37	581.81
	1/31/2017	593.18	11.24	581.94
	5/9/2017	593.18	10.86	582.32
	6/27/2017	593.18	11.55	581.63
	9/6/2017	593.18	11.77	581.41
	11/16/2017	593.18	11.49	581.69
	2/28/2018	593.18	10.91	582.27
	5/1/2018	593.18	11.47	581.71
	10/2/2018	593.18	11.89	581.29
	5/28/2019	593.18	10.18	583.00
	12/5/2019	593.18	11.51	581.67
	5/22/2020	593.18	10.55	582.63
	11/3/2020	593.18	11.86	581.32
	5/24/2021	593.18	11.85	581.33
	11/19/2021	593.18	11.85	581.33
	1/19/2022	593.18	12.07	581.11
	2/10/2022	593.18	12.20	580.98
	3/14/2022	593.18	11.61	581.57
	4/6/2022	593.18	11.07	582.11
	5/23/2022	593.18	11.62	581.56
	6/29/2022	593.18	12.21	580.97
	7/19/2022	593.18	11.88	581.30
	8/23/2022	593.18	12.57	580.61
	9/20/2022	593.18	11.78	581.40
	10/13/2022	593.18	12.37	580.81
	11/15/2022	593.18	12.14	581.04
	12/19/2022	593.18	11.53	581.65
	1/26/2023	593.18	11.66	581.52
	2/21/2023	593.18	11.57	581.61
	3/15/2023	593.18	11.61	581.57
	4/25/2023	593.18	11.98	581.20
	5/19/2023	593.18	12.21	580.97
	6/8/2023	593.18	12.83	580.35
	7/25/2023	593.18	11.96	581.22
	8/29/2023	593.18	12.06	581.12
	9/21/2023	593.18	11.58	581.60
	10/19/2023	593.18	11.72	581.46
	11/14/2023	593.18	12.13	581.05
	12/7/2023	593.18	11.59	581.59
	1/11/2024	593.18	11.38	581.80
	2/5/2024	593.18	11.62	581.56
	3/8/2024	593.18	11.54	581.64
	4/19/2024	593.18	11.80	581.38
	5/6/2024	593.18	11.49	581.69
	6/20/2024	593.18	12.11	581.07
	7/25/2024	593.18	11.87	581.31
	8/1/2024	593.18	12.06	581.12
	9/23/2024	593.18	12.22	580.96
	10/25/2024	593.18	12.77	580.41
	11/1/2024	593.18	12.85	580.33
	12/17/2024	593.18	12.24	580.94
	1/27/2025	593.18	12.44	580.74
	2/3/2025	593.18	11.92	581.26
	3/10/2025	593.18	11.71	581.47
	4/18/2025	593.18	11.91	581.27
	5/5/2025	593.18	11.86	581.32
	6/25/2025	593.18	11.86	581.32
	7/18/2025	593.18	12.49	580.69
	8/1/2025	593.18	11.77	581.41
	9/16/2025	593.18	12.64	580.54
	10/23/2025	593.18	12.86	580.32
	11/10/2025	593.18	13.13	580.05
	12/17/2025	593.18	12.33	580.85

Table 1. Groundwater Elevations - Midwest Generation, LLC, Will County Station, Romeoville, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
MW-09	11/9/2015	592.87	11.38	581.49
	2/16/2016	592.87	11.03	581.84
	5/24/2016	592.87	11.35	581.52
	8/9/2016	592.87	11.43	581.44
	10/25/2016	592.87	10.74	582.13
	1/31/2017	592.87	11.15	581.72
	5/9/2017	592.87	10.45	582.42
	6/27/2017	592.87	11.66	581.21
	9/6/2017	592.87	11.95	580.92
	11/14/2017	592.87	11.54	581.33
	2/27/2018	592.87	10.13	582.74
	5/1/2018	592.87	11.39	581.48
	10/2/2018	592.87	11.91	580.96
	5/28/2019	592.87	9.65	583.22
	12/5/2019	592.87	11.17	581.70
	5/26/2020	592.87	9.67	583.20
	11/3/2020	592.87	11.90	580.97
	5/25/2021	592.87	12.02	580.85
	11/19/2021	592.87	11.84	581.03
	1/19/2022	592.87	12.04	580.83
	2/10/2022	592.87	12.12	580.75
	3/14/2022	592.87	11.48	581.39
	4/6/2022	592.87	10.46	582.41
	5/23/2022	592.87	11.22	581.65
	6/29/2022	592.87	12.20	580.67
	7/19/2022	592.87	11.86	581.01
	8/23/2022	592.87	11.59	581.28
	9/20/2022	592.87	11.39	581.48
	10/13/2022	592.87	11.97	580.90
	11/15/2022	592.87	12.25	580.62
	12/19/2022	592.87	11.34	581.53
	1/26/2023	592.87	11.59	581.28
	2/21/2023	592.87	11.28	581.59
	3/15/2023	592.87	11.07	581.80
	4/25/2023	592.87	11.80	581.07
	5/19/2023	592.87	12.16	580.71
	6/8/2023	592.87	12.79	580.08
	7/25/2023	592.87	11.89	580.98
	8/29/2023	592.87	12.08	580.79
	9/21/2023	592.87	11.35	581.52
	10/19/2023	592.87	11.45	581.42
	11/14/2023	592.87	12.23	580.64
	12/7/2023	592.87	11.56	581.31
	1/11/2024	592.87	11.13	581.74
	2/5/2024	592.87	11.01	581.86
	3/8/2024	592.87	11.11	581.76
	4/19/2024	592.87	11.44	581.43
	5/6/2024	592.87	11.01	581.86
	6/20/2024	592.87	12.15	580.72
	7/25/2024	592.87	11.08	581.79
	8/1/2024	592.87	11.46	581.41
	9/23/2024	592.87	12.07	580.80
	10/25/2024	592.87	12.71	580.16
	11/1/2024	592.87	12.81	580.06
	12/17/2024	592.87	12.21	580.66
	1/27/2025	592.87	12.39	580.48
	2/3/2025	592.87	11.54	581.33
	3/10/2025	592.87	11.42	581.45
	4/18/2025	592.87	11.67	581.20
	5/5/2025	592.87	11.71	581.16
	6/25/2025	592.87	11.98	580.89
	7/18/2025	592.87	12.19	580.68
	8/1/2025	592.87	11.58	581.29
	9/16/2025	592.87	12.37	580.50
	10/23/2025	592.87	12.55	580.32
	11/10/2025	592.87	12.75	580.12
	12/17/2025	592.87	12.44	580.43

Table 1. Groundwater Elevations - Midwest Generation, LLC, Will County Station, Romeoville, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
MW-10	11/9/2015	590.96	10.65	580.31
	2/16/2016	590.96	10.43	580.53
	5/24/2016	590.96	10.72	580.24
	8/9/2016	590.96	11.12	579.84
	10/25/2016	590.96	10.73	580.23
	1/31/2017	590.96	10.37	580.59
	5/9/2017	590.96	9.78	581.18
	6/27/2017	590.96	11.09	579.87
	9/6/2017	590.96	11.20	579.76
	11/15/2017	590.96	10.76	580.20
	2/27/2018	590.96	9.54	581.42
	5/1/2018	590.96	10.64	580.32
	10/2/2018	590.96	11.12	579.84
	5/28/2019	590.96	9.02	581.94
	12/5/2019	590.96	10.28	580.68
	5/27/2020	590.96	8.89	582.07
	11/3/2020	590.96	10.68	580.28
	5/24/2021	590.96	11.06	579.90
	11/19/2021	590.96	10.72	580.24
	1/19/2022	590.96	11.00	579.96
	2/10/2022	590.96	10.95	580.01
	3/14/2022	590.96	10.57	580.39
	4/6/2022	590.96	9.74	581.22
	5/23/2022	590.96	8.99	581.97
	6/29/2022	590.96	11.50	579.46
	7/19/2022	590.96	11.03	579.93
	8/23/2022	590.96	10.86	580.10
	9/20/2022	590.96	10.35	580.61
	10/13/2022	590.96	11.06	579.90
	11/15/2022	590.96	11.15	579.81
	12/19/2022	590.96	10.02	580.94
	1/26/2023	590.96	10.50	580.46
	2/21/2023	590.96	10.26	580.70
	3/15/2023	590.96	10.06	580.90
	4/25/2023	590.96	10.77	580.19
	5/19/2023	590.96	11.14	579.82
	6/8/2023	590.96	11.77	579.19
	7/25/2023	590.96	11.02	579.94
	8/29/2023	590.96	11.13	579.83
	9/21/2023	590.96	10.34	580.62
	10/19/2023	590.96	10.33	580.63
	11/14/2023	590.96	11.11	579.85
	12/7/2023	590.96	10.35	580.61
	1/11/2024	590.96	10.10	580.86
	2/5/2024	590.96	10.03	580.93
	3/8/2024	590.96	9.96	581.00
	4/19/2024	590.96	10.47	580.49
	5/6/2024	590.96	10.12	580.84
	6/20/2024	590.96	10.23	580.73
	7/25/2024	590.96	9.67	581.29
	8/1/2024	590.96	10.23	580.73
	9/23/2024	590.96	11.03	579.93
	10/25/2024	590.96	11.58	579.38
	11/1/2024	590.96	11.55	579.41
	12/17/2024	590.96	10.89	580.07
	1/27/2025	590.96	11.24	579.72
	2/3/2025	590.96	10.17	580.79
	3/10/2025	590.96	10.29	580.67
	4/18/2025	590.96	10.69	580.27
	5/5/2025	590.96	10.69	580.27
	6/25/2025	590.96	10.79	580.17
	7/18/2025	590.96	11.10	579.86
	8/1/2025	590.96	10.50	580.46
	9/16/2025	590.96	11.41	579.55
	10/23/2025	590.96	11.44	579.52
	11/10/2025	590.96	11.54	579.42
	12/17/2025	590.96	11.24	579.72

Table 1. Groundwater Elevations - Midwest Generation, LLC, Will County Station, Romeoville, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
MW-11	11/9/2015	590.69	10.28	580.41
	2/16/2016	590.69	10.15	580.54
	5/24/2016	590.69	10.25	580.44
	8/9/2016	590.69	10.66	580.03
	10/25/2016	590.69	10.42	580.27
	1/31/2017	590.69	9.91	580.78
	5/9/2017	590.69	9.21	581.48
	6/27/2017	590.69	10.48	580.21
	9/6/2017	590.69	10.73	579.96
	11/15/2017	590.69	10.43	580.26
	5/1/2018	590.69	10.18	580.51
	10/2/2018	590.69	10.59	580.10
	5/28/2019	590.69	8.32	582.37
	12/5/2019	590.69	9.85	580.84
	5/26/2020	590.69	8.09	582.60
	11/3/2020	590.69	10.58	580.11
	5/24/2021	590.69	10.76	579.93
	8/23/2021	590.69	10.75	579.94
	11/19/2021	590.69	10.60	580.09
	1/19/2022	590.69	10.67	580.02
	2/10/2022	590.69	11.21	579.48
	3/14/2022	590.69	10.24	580.45
	4/6/2022	590.69	9.14	581.55
	5/23/2022	590.69	9.72	580.97
	6/29/2022	590.69	11.00	579.69
	7/19/2022	590.69	10.44	580.25
	8/23/2022	590.69	10.35	580.34
	9/20/2022	590.69	9.82	580.87
	10/13/2022	590.69	10.44	580.25
	11/15/2022	590.69	10.92	579.77
	12/19/2022	590.69	9.77	580.92
	1/26/2023	590.69	10.68	580.01
	2/21/2023	590.69	9.82	580.87
	3/15/2023	590.69	9.54	581.15
	4/25/2023	590.69	10.39	580.30
	5/19/2023	590.69	10.72	579.97
	6/8/2023	590.69	11.33	579.36
	7/25/2023	590.69	10.52	580.17
	8/29/2023	590.69	10.66	580.03
	9/21/2023	590.69	9.86	580.83
	10/19/2023	590.69	9.91	580.78
	11/14/2023	590.69	10.94	579.75
	12/7/2023	590.69	10.11	580.58
	1/11/2024	590.69	9.52	581.17
	2/5/2024	590.69	9.49	581.20
	3/8/2024	590.69	9.44	581.25
	4/19/2024	590.69	9.93	580.76
	5/6/2024	590.69	9.52	581.17
	6/20/2024	590.69	10.68	580.01
	7/25/2024	590.69	9.22	581.47
	8/1/2024	590.69	9.76	580.93
	9/23/2024	590.69	10.44	580.25
	10/25/2024	590.69	11.15	579.54
	11/1/2024	590.69	11.23	579.46
	12/17/2024	590.69	10.69	580.00
	1/27/2025	590.69	10.89	579.80
	2/3/2025	590.69	9.77	580.92
	3/10/2025	590.69	9.92	580.77
	4/18/2025	590.69	10.28	580.41
	5/5/2025	590.69	10.28	580.41
	6/25/2025	590.69	10.55	580.14
	7/18/2025	590.69	10.61	580.08
	8/1/2025	590.69	10.07	580.62
	9/16/2025	590.69	10.96	579.73
	10/23/2025	590.69	11.02	579.67
	11/10/2025	590.69	11.09	579.60
	12/17/2025	590.69	10.79	579.90

Table 1. Groundwater Elevations - Midwest Generation, LLC, Will County Station, Romeoville, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
MW-12	11/9/2015	590.81	10.15	580.66
	2/16/2016	590.81	10.24	580.57
	5/24/2016	590.81	10.31	580.50
	8/9/2016	590.81	10.73	580.08
	10/25/2016	590.81	10.45	580.36
	1/31/2017	590.81	10.16	580.65
	5/9/2017	590.81	9.88	580.93
	6/27/2017	590.81	10.62	580.19
	9/6/2017	590.81	10.61	580.20
	11/15/2017	590.81	10.20	580.61
	5/1/2018	590.81	10.30	580.51
	10/2/2018	590.81	10.77	580.04
	5/28/2019	590.81	9.17	581.64
	12/5/2019	590.81	10.15	580.66
	5/22/2020	590.81	9.88	580.93
	11/3/2020	590.81	10.49	580.32
	5/24/2021	590.81	10.65	580.16
	8/23/2021	590.81	11.05	579.76
	11/19/2021	590.81	10.48	580.33
	1/19/2022	590.81	10.63	580.18
	2/10/2022	590.81	10.65	580.16
	3/14/2022	590.81	10.24	580.57
	4/6/2022	590.81	9.83	580.98
	5/23/2022	590.81	10.18	580.63
	6/29/2022	590.81	11.15	579.66
	7/19/2022	590.81	10.62	580.19
	8/23/2022	590.81	10.34	580.47
	9/20/2022	590.81	10.22	580.59
	10/13/2022	590.81	10.78	580.03
	11/15/2022	590.81	10.77	580.04
	12/19/2022	590.81	9.97	580.84
	1/26/2023	590.81	10.18	580.63
	2/21/2023	590.81	10.12	580.69
	3/15/2023	590.81	10.03	580.78
	4/24/2023	590.81	10.37	580.44
	5/19/2023	590.81	10.64	580.17
	6/8/2023	590.81	11.46	579.35
	7/25/2023	590.81	10.57	580.24
	8/29/2023	590.81	10.77	580.04
	9/21/2023	590.81	10.15	580.66
	10/19/2023	590.81	10.17	580.64
	11/14/2023	590.81	10.67	580.14
	12/7/2023	590.81	10.14	580.67
	1/11/2024	590.81	10.03	580.78
	2/5/2024	590.81	9.99	580.82
	3/8/2024	590.81	9.99	580.82
	4/19/2024	590.81	10.13	580.68
	5/6/2024	590.81	10.01	580.80
	6/20/2024	590.81	10.78	580.03
	7/25/2024	590.81	9.76	581.05
	8/1/2024	590.81	10.16	580.65
	9/23/2024	590.81	11.02	579.79
	10/25/2024	590.81	11.30	579.51
	11/1/2024	590.81	11.26	579.55
	12/17/2024	590.81	10.56	580.25
	1/27/2025	590.81	10.92	579.89
	2/3/2025	590.81	10.05	580.76
	3/10/2025	590.81	10.10	580.71
	4/18/2025	590.81	10.18	580.63
	5/5/2025	590.81	10.22	580.59
	6/25/2025	590.81	10.51	580.30
	7/18/2025	590.81	10.92	579.89
	8/1/2025	590.81	10.31	580.50
	9/16/2025	590.81	11.08	579.73
	10/23/2025	590.81	11.10	579.71
	11/10/2025	590.81	11.30	579.51
	12/17/2025	590.81	10.89	579.92

Table 1. Groundwater Elevations - Midwest Generation, LLC, Will County Station, Romeoville, IL

Well ID	Date	Top of Casing Elevation (ft above MSL)	Depth to Groundwater (ft below TOC)	Groundwater Elevation (ft above MSL)
MW-16	1/1/2024	585.26	4.82	580.44
	2/5/2024	585.26	4.67	580.59
	3/8/2024	585.26	4.53	580.73
	4/19/2024	585.26	5.13	580.13
	5/6/2024	585.26	4.88	580.38
	6/20/2024	585.26	6.22	579.04
	7/25/2024	585.26	4.24	581.02
	8/1/2024	585.26	4.81	580.45
	9/23/2024	585.26	5.49	579.77
	10/25/2024	585.26	6.35	578.91
	11/1/2024	585.26	6.56	578.70
	12/17/2024	585.26	5.62	579.64
	1/27/2025	585.26	6.27	578.99
	2/3/2025	585.26	4.66	580.60
	3/10/2025	585.26	4.99	580.27
	4/18/2025	585.26	5.44	579.82
	5/5/2025	585.26	5.57	579.69
	6/25/2025	585.26	5.95	579.31
	7/18/2025	585.26	5.84	579.42
	8/1/2025	585.26	5.49	579.77
	9/16/2025	585.26	6.35	578.91
	10/23/2025	585.26	6.29	578.97
	11/10/2025	585.26	6.28	578.98
	12/17/2025	585.26	6.12	579.14
MW-17	1/1/2024	585.43	5.16	580.27
	2/5/2024	585.43	5.09	580.34
	3/8/2024	585.43	5.03	580.4
	4/19/2024	585.43	5.54	579.89
	5/6/2024	585.43	5.20	580.23
	6/20/2024	585.43	6.31	579.12
	7/25/2024	585.43	4.57	580.86
	8/1/2024	585.43	5.22	580.21
	9/23/2024	585.43	5.69	579.74
	10/25/2024	585.43	6.03	579.40
	11/1/2024	585.43	6.39	579.04
	12/17/2024	585.43	5.67	579.76
	1/27/2025	585.43	6.26	579.17
	2/3/2025	585.43	5.13	580.30
	3/10/2025	585.43	5.46	579.97
	4/18/2025	585.43	5.59	579.84
	5/5/2025	585.43	5.61	579.82
	6/25/2025	585.43	5.94	579.49
	7/18/2025	585.43	6.11	579.32
	8/1/2025	585.43	5.69	579.74
	9/16/2025	585.43	6.40	579.03
	10/23/2025	585.43	6.24	579.19
	11/10/2025	585.43	6.21	579.22
	12/17/2025	585.43	6.07	579.36
MW-18	10/23/2025	*	8.86	*
	11/10/2025	*	8.77	*
	12/17/2025	*	8.49	*

MSL - Mean Sea Level

TOC - Top of Casing

*Note- MW-18 has not been surveyed. Well is planned to be surveyed during 1Q202

Table 2. Groundwater Flow Direction and Estimated Seepage Velocity/Flow Rate - Will County Generation Station.

DATE	Groundwater Flow Direction	Kavg (ft/sec)*	Average Hydraulic Gradient (ft/ft)	Porosity (unitless)**	Estimated Seepage Velocity (ft/day)
5/14/2024	West	2.315E-04	0.0072	0.2	0.72
8/1/2024	West	2.315E-04	0.0080	0.2	0.80
11/1/2024	West	2.315E-04	0.0047	0.2	0.47
2/3/2025	West	2.315E-04	0.0042	0.2	0.42
5/5/2025	West	2.315E-04	0.0051	0.2	0.51
8/1/2025	West	2.315E-04	0.0060	0.2	0.60
11/10/2025	West	2.315E-04	0.0049	0.2	0.49

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

** - Porosity estimate from Groundwater, Freeze and Cherry, 1979.

Table 3. CCR Groundwater Sample Collection Summary for 2025 - Will County Generating Station

Well ID	Number of Groundwater Sampling Events	Dates Groundwater Sampling Events	Detection Monitoring (D) versus Assessment Monitoring (A)
MW-05 (Upgradient)	4	2/5/2025	A
		5/7/2025	A
		8/5/2025	A
		11/12/2025	A
MW-06 (Upgradient)	4	2/5/2025	A
		5/7/2025	A
		8/5/2025	A
		11/12/2025	A
MW-09 (Downgradient)	4	2/4/2025	A
		5/6/2025	A
		8/5/2025	A
		11/12/2025	A
MW-10 (Downgradient)	4	2/4/2025	A
		5/6/2025	A
		8/5/2025	A
		11/12/2025	A
MW-11 (Downgradient)	4	2/3/2025	A
		5/5/2025	A
		8/1/2025	A
		11/10/2025	A
MW-12 (Downgradient)	4	2/3/2025	A
		5/5/2025	A
		8/4/2025	A
		11/10/2025	A
MW-16 (Downgradient)	4	2/3/2025	A
		5/5/2025	A
		8/1/2025	A
		11/10/2025	A
MW-17 (Downgradient)	4	2/3/2025	A
		5/5/2025	A
		8/1/2025	A
		11/10/2025	A
MW-18 (Downgradient)	1	11/21/2025	A

Table 4. Appendix III Groundwater Analytical Results - Midwest Generation, LLC, Ponds 2S/3S Will County Station, Romeoville, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
MW-05 upgradient	11/11/2015	6.1	220	110	0.31	7.24	770	1,900
	2/18/2016	4.4	230	120	0.31	6.99	730	1,600
	5/26/2016	3.7	170	110	0.33	6.73	670	1,500
	8/10/2016	3.6	67	120	0.72	8.62	480	970
	10/26/2016	3.6	44	120	0.70	9.08	410	920
	2/1/2017	4.6	250	48	0.35	6.81	530	1,600
	5/11/2017	4.0	140	85	0.31	7.86	610	1,200
	6/27/2017	3.8	83	99	0.53	7.95	500	1,000
	Pred. Limit*	6.65	359	148	0.72	9.93-5.39	923	2,286
	9/8/2017	4.8	89	78	0.52	9.40	490	1,000
	11/16/2017	4.8	180	52	0.45	6.70	650	1,500
	5/2/2018	3.6	200	32	0.39	7.23	510	1,300
	10/3/2018	4.9	150	55	0.48	7.07	430	1,200
	5/29/2019	4.1	61	91	0.59	9.10	380	870
	12/6/2019	4.9	170	31	0.41	6.95	440	1,200
	5/22/2020	4.5	52	70	0.59	7.39	300	870
	11/4/2020	5.0	130	29	0.38	7.06	410	1,100
	5/24/2021	4.7	120	28	0.53	7.07	430	1,000
	11/23/2021	5.5	140	22	0.44	6.80	370	1,100
	2/24/2022	4.9	210	25	0.39	6.73	660	1,400
	6/16/2022	5.1	120	41	0.34	7.05	510	1,100
	8/25/2022	6.6	130	20	0.40	6.69	300	940
	11/15/2022	8.9	150	9.8	0.72	6.78	310	930
	2/23/2023	6.3	120	26	0.43	6.83	430	1,100
	4/26/2023	4.9	210	33	0.47	6.73	670	1,600
	7/26/2023	4.8	180	18	0.50	6.91	440	1,200
	10/24/2023	6.8	140	8.6	0.52	6.68	210	850
	12/7/2023 R	5.7	NA	NA	NA	NA	NA	NA
	2/7/2024	4.8	260	38	0.32	6.62	800	1900
	5/8/2024	5.3	83	34	0.65	7.36	450	930
	8/6/2024	5.2	120	31	0.52	6.72	420	1000
	11/5/2024	5.8	110	30	0.58	7.46	410	1000
	2/5/2025	^5- 4.3	97	17	0.46	7.16	290	760
	5/7/2025	4.1	300	45	0.47	6.87	830	1800
	8/5/2025	4.0	160	19	0.67	6.65	310	980
	11/12/2025	5.9	85	32	0.60	7.16	400	830
MW-06 upgradient	11/10/2015	3.0	52	100	0.55	8.63	300	660
	2/18/2016	2.5	74	150	0.47	8.58	280	650
	5/26/2016	2.7	86	92	0.44	7.79	350	800
	8/11/2016	3.6	110	58	0.35	7.74	330	840
	10/26/2016	3.8	86	74	0.40	8.16	220	800
	2/1/2017	3.4	70	83	0.41	7.88	260	700
	5/11/2017	3.0	75	84	0.28	8.68	330	570
	6/27/2017	3.1	65	74	0.38	8.15	330	710
	Pred. Limit*	4.29	122	162	0.62	9.21-7.19	415	956
	9/7/2017	3.5	75	67	0.40	8.20	300	740
	11/16/2017	3.9	88	54	0.39	7.59	280	810
	5/3/2018	3.0	91	52	0.26	6.91	530	750
	7/25/2018 R	NA	NA	NA	NA	7.47	280	NA
	10/3/2018	3.5	93	44	0.31	7.83	240	720
	5/29/2019	4.3	120	38	0.21	7.51	350	1,000
	7/3/2019 R	3.2	NA	NA	NA	NA	NA	740
	12/6/2019	4.2	98	31	0.33	7.91	210	740
	5/22/2020	3.4	98	56	0.31	7.47	180	710
	11/3/2020	3.3	100	43	0.36	7.29	170	700
	5/24/2021	2.6	99	46	0.33	7.65	160	610
	11/23/2021	2.6	85	43	0.37	7.48	150	720
	2/22/2022	2.8	130	35	0.33	7.29	260	940
	6/14/2022	2.5	110	22	0.35	7.06	210	610
	8/25/2022	2.7	110	20	0.42	7.31	170	750
	11/16/2022	3.2	110	19	0.47	7.41	160	600
	2/23/2023	3.0	110	17	0.35	7.54	190	680
	4/26/2023	2.0	100	15	0.36	7.42	150	610
	7/26/2023	2.5	110	16	0.42	7.60	170	610
	10/24/2023	2.5	100	13	0.40	7.34	140	580
	2/7/2024	2.5	96	12	0.39	7.39	150	570
	5/8/2024	2.3	110	13	0.37	7.66	180	630
	8/6/2024	2.3	110	15	0.38	7.34	180	580
	11/5/2024	2.8	120	11	0.42	7.61	160	720
	2/5/2025	^5- 2.2	110	12	0.32	7.49	170	710
	5/7/2025	2.0	110	11	0.38	7.55	140	610
	8/5/2025	2.4	110	11	0.53	7.26	160	660
	11/12/2025	2.6	110	11	0.46	7.16	170	530

Notes: All units are in mg/L (milligrams/liter) with the exception of pH (standard units).

* - Intrawell Prediction Limit. All others are interwell comparisons.

** - Based on pooled background from MW-5/MW-6. All others based on MW-6 as background.

Italicized Date - First round of Detection Monitoring and resample after statistical background establishment.**BOLD** - Potential statistically significant increase relative to interwell Prediction Limit.

NA - Not analyzed. No confirmation resample required.

R - Resample

F1 - MS and/or MSD Recovery outside of limits.

Table 4. Appendix III Groundwater Analytical Results - Midwest Generation, LLC, Ponds 2S/3S Will County Station, Romeoville, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
MW-09 downgradient	11/11/2015	1.9	56	190	0.55	9.12	460	750
	2/17/2016	1.8	47	160	0.55	9.10	250	600
	5/24/2016	1.6	48	180	0.51	8.79	240	640
	8/9/2016	2.2	53	140	0.48	8.35	280	750
	10/26/2016	2.2	33	130	0.81	9.16	230	660
	1/31/2017	2.0	61	250	0.57	8.59	180	710
	5/9/2017	1.8	66	340	0.38	8.58	250	900
	6/27/2017	1.9	64	330	0.51	7.76	240	940
	Pred. Limit	4.26	275**	149**	0.72**	9.39-6.48**	413	950
	9/6/2017	1.8	59	<u>310</u>	0.51	8.98	240	890
	11/14/2017	2.6	160	<u>270</u>	0.51	8.1	290	910
	5/1/2018	1.7	49	<u>200</u>	0.52	7.81	<u>430</u>	820
	7/25/2018 R	NA	NA	NA	NA	NA	320	NA
	10/2/2018	2.1	49	<u>170</u>	0.55	8.09	270	820
	5/29/2019	1.5	48	<u>280</u>	0.29	8.90	150	750
	12/6/2019	2.0	38	140	0.46	8.65	160	630
	5/26/2020	1.3	55	<u>320</u>	0.32	8.66	140	720
	11/3/2020	2.0	43	<u>240</u>	0.55	8.64	180	750
	5/26/2021	1.6	67	<u>360</u>	0.39	8.74	180	900
	11/23/2021	1.1	30	<u>290</u>	0.47	8.73	210	900
	2/22/2022	1.5	49	<u>250</u>	0.40	8.65	160	900
	6/15/2022	1.9	43	<u>230</u>	0.48	8.35	180	730
	8/25/2022	2.1	38	<u>210</u>	0.58	8.68	190	770
	11/16/2022	2.3	37	<u>210</u>	<u>0.79</u>	8.82	160	690
	2/23/2023	2.0	38	<u>190</u>	0.53	9.04	210	680
	4/26/2023	1.8	38	<u>190</u>	0.48	8.82	220	750
	7/26/2023	2.0	44	<u>190</u>	0.49	8.83	250	720
	10/24/2023	2.0	41	<u>200</u>	0.52	8.68	200	770
	2/7/2024	2.1	39	<u>190</u>	0.60	8.89	230	680
	5/8/2024	1.8	41	<u>180</u>	0.52	9.33	230	740
	8/5/2024	1.9	45	<u>200</u>	0.54	8.71	220	800
	11/4/2024	2.2	40	<u>220</u>	0.59	9.01	230	810
	2/4/2025	1.7	41	<u>210</u>	0.53	8.79	250	800
	5/6/2025	1.8	37	<u>160</u>	0.54	9.01	260	790
	8/5/2025	2.0	37	<u>170</u>	<u>0.73</u>	8.77	270	760
	11/12/2025	2.3	39	<u>150</u>	0.66	8.04	280	710
MW-10 downgradient	11/10/2015	3.9	140	140	0.77	7.34	310	980
	2/16/2016	3.6	150	240	0.79	7.29	290	950
	5/25/2016	3.6	120	140	0.83	7.26	260	1,000
	8/10/2016	4.3	150	120	0.78	7.22	230	970
	10/26/2016	3.0	160	74	0.52	7.30	220	1,000
	2/2/2017	3.7	180	81	0.54	7.16	160	930
	5/10/2017	3.0	150	100	0.44	7.83	340	860
	6/27/2017	2.8	130	110	0.67	7.49	250	930
	Pred. Limit	4.26	275**	149**	0.72**	9.39-6.48**	413	950
	9/7/2017	2.8	120	120	<u>0.77</u>	7.37	290	920
	11/15/2017	4.1	140	120	<u>0.77</u>	7.10	270	<u>1,000</u>
	5/1/2018	3.2	150	130	0.65	7.31	280	<u>990</u>
	10/3/2018	2.5	110	140	<u>0.89</u>	7.60	200	860
	5/29/2019	2.8	100	140	<u>0.82</u>	7.53	260	860
	12/5/2019	3.7	120	110	<u>0.93</u>	7.21	190	940
	5/27/2020	2.3	100	<u>170</u>	<u>0.90</u>	7.29	280	850
	11/3/2020	3.7	130	140	<u>0.87</u>	7.02	180	920
	5/25/2021	3.0	160	130	0.62	7.16	160	910
	11/23/2021	2.7	110	130	0.71	7.07	230	<u>990</u>
	2/24/2022	2.6	130	120	0.53	7.02	170	840
	6/14/2022	2.9	100	140	<u>0.86</u>	6.99	280	790
	8/25/2022	2.6	130	140	<u>0.99</u>	7.47	280	910
	11/16/2022	<u>4.4</u>	130	<u>160</u>	<u>0.94</u>	7.15	220	910
	2/23/2023	3.7	140	140	0.71	7.11	250	930
	4/26/2023	2.8	99	<u>150</u>	<u>0.94</u>	7.23	250	900
	7/26/2023	3.7	120	<u>150</u>	<u>0.81</u>	7.37	260	910
	10/24/2023	2.9	99	<u>160</u>	<u>0.89</u>	7.19	230	920
	2/7/2024	3.7	130	120	0.69	6.94	290	910
	5/8/2024	2.7	110	130	<u>0.81</u>	7.23	290	860
	8/5/2024	2.4	89	140	<u>0.92</u>	7.43	310	850
	11/4/2024	3.3	120	130	<u>0.84</u>	7.21	260	910
	2/4/2025	3.2	170	120	0.62	6.96	230	<u>1000</u>
	5/6/2025	3.9	140	<u>150</u>	<u>0.73</u>	6.99	190	950
	8/5/2025	3.9	140	<u>150</u>	<u>1.00</u>	6.84	210	930
	11/12/2025	3.1	130	130	<u>0.90</u>	6.95	260	910

Notes: All units are in mg/L (milligrams/liter) with the exception of pH (standard units).

* - Intrawell Prediction Limit. All others are interwell comparisons.

** - Based on pooled background from MW-5/MW-6. All others based on MW-6 as background.

Italicized Date - First round of Detection Monitoring and resample after statistical background establishment.**BOLD** - Potential statistically significant increase relative to interwell Prediction Limit.

NA - Not analyzed. No confirmation resample required.

R - Resample

F1 - MS and/or MSD Recovery outside of limits.

Table 4. Appendix III Groundwater Analytical Results - Midwest Generation, LLC, Ponds 2S/3S Will County Station, Romeoville, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
MW-11 downgradient	11/10/2015	2.6	120	89	0.61	7.60	180	620
	2/16/2016	3.0	100	88	0.68	7.47	170	640
	5/25/2016	2.8	82	98	0.75	7.43	170	640
	8/10/2016	3.1	96	86	0.72	7.57	150	660
	10/26/2016	2.5	110	67	0.53	7.82	120	630
	2/1/2017	3.9	110	72	0.65	7.54	110	600
	5/10/2017	3.1	95	84	0.46	8.37	170	590
	6/27/2017	2.8	87	90	0.59	7.57	150	680
	Pred. Limit	4.26	275**	149**	0.72**	9.39-6.48**	413	950
	9/7/2017	2.8	90	94	0.58	7.40	150	730
	11/15/2017	2.9	96	100	0.65	7.41	160	750
	5/3/2018	3.8	73	110	0.69	6.74	190	670
	10/3/2018	3.1	78	110	0.66	7.65	120	680
	5/29/2019	2.2	86	110	0.49	7.55	120	610
	12/5/2019	2.5	100	80	0.55	7.26	91	600
	5/26/2020	2.3	89	100	0.54	7.40	90	540
	11/3/2020	4.3	85	140	0.72	7.17	68	710
	5/25/2021	3.8	94	130	0.74	7.68	57	660
	11/23/2021	2.0	130	150	0.48	6.94	94	810
	12/22/2021 R	NA	NA	150	NA	7.03	NA	NA
	2/23/2022	1.8	130	150	0.38	6.94	91	760
	6/13/2022	2.8	120	140	0.40	7.22	97	700
	8/23/2022	2.5	110	140	0.53	6.94	160	740
	11/16/2022	3.8	120	130	0.71	7.34	66	700
	2/21/2023	2.2	120	130	0.45	7.08	81	710
	4/25/2023	2.8	110	130	0.53	7.14	75	730
	7/25/2023	2.2	120	120	0.46	7.12	80	740
	10/19/2023	3.0	120	120	0.55	7.12	74	770
	2/5/2024	2.4	120	130	0.45	7.12	78	730
	5/6/2024	2.9	110	120	0.52	7.37	68	720
	8/1/2024	3.2	100	120	0.53	7.70	76	790
	11/1/2024	3.2	110	130	0.55	7.50	71	760
	2/3/2025	2.5	120	130	0.49	7.05	72	710
	5/5/2025	2.5	130	120	0.49	7.53	69	790
	8/1/2025	2.7	120	120	0.72	7.01	70	800
	11/10/2025	2.6	120	120	0.58	7.06	73	660
MW-12 downgradient	11/10/2015	2.3	150	160	0.59	7.44	290	1,000
	2/16/2016	1.8	130	140	0.52	7.38	220	850
	5/25/2016	1.9	130	150	0.54	7.23	250	890
	8/10/2016	2.4	170	140	0.49	7.20	280	1000
	10/26/2016	2.6	140	120	0.49	7.44	220	980
	2/1/2017	2.0	160	120	0.48	7.30	150	900
	5/10/2017	2.3	200	240	0.30	7.65	260	1,300
	6/27/2017	2.4	180	280	0.44	7.31	260	1,300
	Pred. Limit	4.26	275**	149**	0.72**	9.39-6.48**	413	950
	9/6/2017	2.6	190	270	0.49	7.26	260	1,400
	11/15/2017	1.7	55	200	0.47	6.90	250	1,200
	5/3/2018	1.8	140	170	0.47	6.60	170	960
	10/2/2018	F1 2.2	150	160	0.49	7.30	170	1,100
	5/29/2019	1.9	140	140	0.42	7.23	190	930
	12/5/2019	2.1	140	71	0.53	7.02	110	820
	5/22/2020	1.9	180	120	0.40	6.95	140	1,100
	11/3/2020	2.2	160	190	0.52	7.27	160	1,000
	5/25/2021	1.8	140	170	0.49	7.37	180	930
	11/23/2021	2.3	180	210	0.44	7.01	180	1,200
	2/24/2022	1.7	150	150	0.40	7.06	150	1,000
	6/13/2022	1.9	160	210	0.45	7.03	170	1,000
	8/23/2022	1.9	150	170	0.37	6.62	160	1,000
	11/16/2022	2.3	160	180	0.97	7.34	180	1,000
	2/21/2023	1.6	150	150	0.41	7.15	180	980
	4/25/2023	1.8	150	170	0.42	6.91	180	980
	7/25/2023	2.1	180	180	0.44	6.96	190	1,100
	10/19/2023	2.2	180	180	0.47	6.99	170	1,100
	2/5/2024	2.2	170	140	0.36	7.07	160	1,100
	5/6/2024	1.9	180	190	0.42	7.02	160	1,100
	8/1/2024	2.2	180	F1 180	0.44	7.66	200	1,100
	11/1/2024	2.5	190	210	0.49	7.20	200	1,200
	2/3/2025	2.1	180	140	0.41	7.10	170	1,000
	5/5/2025	1.9	160	140	0.46	7.31	170	1,000
	8/4/2025	2.1	160	140	0.61	7.04	160	980
	11/10/2025	2.6	180	140	0.50	7.02	170	1,100

Notes: All units are in mg/L (milligrams/liter) with the exception of pH (standard units).

* - Intrawell Prediction Limit. All others are interwell comparisons.

** - Based on pooled background from MW-5/MW-6. All others based on MW-6 as background.

Italicized Date - First round of Detection Monitoring and resample after statistical background establishment.**BOLD** - Potential statistically significant increase relative to interwell Prediction Limit.

NA - Not analyzed. No confirmation resample required.

R - Resample

F1 - MS and/or MSD Recovery outside of limits.

Table 4. Appendix III Groundwater Analytical Results - Midwest Generation, LLC, Ponds 2S/3S Will County Station, Romeoville, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
MW-16 downgradient	Pred. Limit	4.26	275**	149**	0.72**	9.39-6.48**	413	950
	2/5/2024	1.0	130	160	0.36	6.98	170	930
	5/6/2024	0.82	130	150	0.41	7.24	150	840
	8/1/2024	0.83	110	140	0.35	7.63	140	820
	11/1/2024	0.8	120	140	0.34	7.31	120	950
	2/3/2025	0.89	170	180	0.38	6.91	220	1000
	5/5/2025	0.94	140	110	0.55	7.10	160	890
	8/1/2025	1.2	150	140	0.67	6.88	190	940
	11/10/2025	0.83	120	130	0.40	7.04	140	690
MW-17 downgradient	Pred. Limit	4.26	275**	149**	0.72**	9.39-6.48**	413	950
	2/5/2024	3.1	65	130	0.85	8.39	340	850
	5/6/2024	3.1	63	120	0.79	8.58	330	820
	8/1/2024	2.9	63	120	0.75	7.84	340	810
	11/1/2024	3.0	65	120	0.76	8.37	330	850
	2/3/2025	2.6	84	130	0.55	7.71	330	810
	5/5/2025	2.9	71	130	0.71	8.54	330	850
	8/1/2025	2.9	62	140	<u>0.95</u>	8.23	330	800
	11/10/2025	2.9	67	120	0.80	7.90	340	790
MW-18 downgradient	Pred. Limit	4.26	275**	149**	0.72**	9.39-6.48**	413	950
	11/21/2025	6.7	110	140	1.1	8.89	380	880

Notes: All units are in mg/L (milligrams/liter) with the exception of pH (standard units).

* - Intrawell Prediction Limit. All others are interwell comparisons.

** - Based on pooled background from MW-5/MW-6. All others based on MW-6 as background.

Italicized Date - First round of Detection Monitoring and resample after statistical background establishment.

BOLD - Potential statistically significant increase relative to interwell Prediction Limit.

NA - Not analyzed. No confirmation resample required.

R - Resample

F1 - MS and/or MSD Recovery outside of limits.

Table 5. Appendix IV Groundwater Analytical Results - Midwest Generation, LLC, Ponds 2S/3S Will County Station, Romeoville, IL

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
MW-05 upgradient	11/11/2015	< 0.0030	0.0014	0.071	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.31	< 0.00050	0.013	< 0.00020	0.075	-0.168	0.031	< 0.0020
	2/18/2016	< 0.0030	0.0021	0.058	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.31	< 0.00050	0.017	< 0.00020	0.079	0.468	0.019	< 0.0020
	5/26/2016	< 0.0030	0.0023	0.055	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.33	< 0.00050	0.011	< 0.00020	0.077	< 0.402	0.019	< 0.0020
	8/10/2016	< 0.0030	0.0044	0.043	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.72	< 0.00050	< 0.010	F1 < 0.00020	0.14	< 0.394	0.0049	< 0.0020
	10/26/2016	< 0.0030	0.0047	0.033	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.70	< 0.00050	< 0.010	< 0.00020	0.12	< 0.592	< 0.0025	< 0.0020
	2/1/2017	< 0.0030	0.0015	0.058	* < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.35	< 0.00050	0.016	^ < 0.00020	0.048	< 0.424	0.029	< 0.0020
	5/11/2017	< 0.0030	0.0035	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.31	< 0.00050	< 0.010	< 0.00020	0.093	< 0.388	< 0.0025	< 0.0020
	6/27/2017	< 0.0030	0.0037	0.045	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.53	< 0.00050	< 0.010	< 0.00020	0.11	0.412	< 0.0025	< 0.0020
	9/8/2017	< 0.0030	0.0038	V 0.069	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.52	< 0.00050	< 0.010	< 0.00020	0.095	0.486	0.0047	< 0.0020
	11/16/2017	< 0.0030	0.0028	0.065	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.45	< 0.00050	0.021	< 0.00020	0.064	< 0.379	0.012	< 0.0020
	5/2/2018	NA	NA	NA	NA	NA	NA	NA	0.39	NA	NA	NA	NA	NA	NA	NA
	5/24/2021	< 0.0030	0.0011	0.046	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.53	< 0.00050	0.015	< 0.00020	0.063	< 0.492	0.042	< 0.0020
	11/23/2021	< 0.0030	0.0035	0.066	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.44	< 0.00050	0.017	< 0.00020	0.066	0.784	0.012	< 0.0020
	2/24/2022	< 0.0030	0.0092	0.077	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.39	< 0.00050	0.014	< 0.00020	0.059	< 0.415	0.048	< 0.0020
	6/16/2022	< 0.0030	0.0037	0.055	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.34	< 0.00050	0.011	< 0.00020	0.064	< 0.471	0.0080	< 0.0020
	GWPS	NSP	0.01	2.0	0.004	NSP	NSP	0.006	4.0	0.015	0.04	NSP	0.1	5.0	0.056	NSP
	8/25/2022	< 0.0030	0.0043	0.1	< 0.0010	^1+ < 0.00050	< 0.0050	< 0.0010	0.40	< 0.00050	0.016	< 0.00020	0.061	< 0.57	0.0056	< 0.0020
	11/15/2022	< 0.0030	0.032	0.1	^+ < 0.0010	0.0040	0.0083	< 0.0010	0.72	< 0.00050	0.020	< 0.00020	0.10	< 0.57	0.089	< 0.0020
	12/29/2022 R	NA	0.0094	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10	NA
	2/23/2023	< 0.0030	0.0018	0.1	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.43	< 0.00050	0.012	0.00027	0.067	< 0.66	0.021	< 0.0020
	4/26/2023	< 0.0030	0.0022	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.47	< 0.00050	0.013	< 0.00020	0.055	< 0.479	0.039	< 0.0020
	7/26/2023	< 0.0030	0.0014	0.061	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.50	< 0.00050	0.021	< 0.00020	0.053	0.823	0.070	< 0.0020
	8/29/2023 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.069	NA
	10/24/2023	< 0.0030	0.0014	0.074	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.52	< 0.00050	0.023	< 0.00020	0.071	< 0.967	0.077	< 0.0020
	2/7/2024	^1+ < 0.030	0.0018	0.060	^1+ < 0.010	^+ < 0.00050	< 0.0050	^+ < 0.0010	0.32	< 0.00050	0.017	< 0.00020	0.046	< 0.655	0.055	^+ < 0.0020
	5/8/2024	< 0.0030	0.0020	0.033	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.65	< 0.00050	< 0.050	< 0.00020	0.079	< 0.629	0.0054	< 0.0020
	8/6/2024	< 0.0030	0.0015	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.52	< 0.00050	0.018	< 0.00020	0.054	< 0.608	0.0049	< 0.0020
	11/5/2024	< 0.0030	0.0020	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.58	< 0.00050	0.015	< 0.00020	0.067	< 0.559	< 0.0025	< 0.0020
	2/5/2025	< 0.0030	0.0011	0.039	^5- ^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.46	< 0.00050	^5- 0.012	< 0.00020	0.056	< 0.507	0.016	< 0.0020
	5/7/2025	< 0.0030	< 0.0010	0.056	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.47	< 0.00050	0.018	< 0.00020	0.043	0.610	0.060	< 0.0020
	6/27/2025 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.067	NA
	8/5/2025	< 0.0030	0.0011	0.061	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.67	< 0.00050	0.020	< 0.00020	0.039	1.21	0.046	< 0.0020
	11/12/2025	< 0.0030	0.0024	0.051	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.60	< 0.00050	0.014	< 0.00020	0.062		< 0.0025	< 0.0020
MW-06 upgradient	11/10/2015	< 0.0030	0.0016	0.048	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.55	< 0.00050	0.011	< 0.00020	0.067	-0.383	0.0039	< 0.0020
	2/18/2016	< 0.0030	0.0014	0.068	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.47	< 0.00050	0.015	< 0.00020	0.063	0.412	< 0.0025	< 0.0020
	5/26/2016	< 0.0030	0.0020	0.068	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.44	< 0.00050	0.012	< 0.00020	0.042	< 0.422	< 0.0025	< 0.0020
	8/11/2016	< 0.0030	0.0029	0.086	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.35	< 0.00050	0.017	< 0.00020	0.038	< 0.339	< 0.0025	< 0.0020
	10/26/2016	< 0.0030	0.0030	0.074	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.40	< 0.00050	0.013	< 0.00020	0.043	< 0.531	< 0.0025	< 0.0020
	2/1/2017	< 0.0030	0.0043	0.068	* < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.41	< 0.00050	0.012	^ < 0.00020	0.050	< 0.511	0.0035	< 0.0020
	5/11/2017	< 0.0030	0.0020	0.054	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.28	0.00054	0.011	< 0.00020	0.054	< 0.388	< 0.0025	< 0.0020
	6/27/2017	< 0.0030	0.0014	0.069	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.38	< 0.00050	0.012	< 0.00020	0.046	0.408	< 0.0025	< 0.0020
	9/7/2017	< 0.0030	0.0025	0.077	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.40	< 0.00050	0.013	< 0.00020	0.044	0.397	< 0.0025	< 0.0020
	11/16/2017	< 0.0030	0.0028	0.077	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.39	< 0.00050	0.017	< 0.00020	0.038	0.491	0.012	< 0.0020
	5/3/2018	NA	NA	NA	NA	NA	NA	NA	0.26	NA	NA	NA	NA	NA	NA	NA
	5/24/2021	< 0.0030	0.0025	0.080	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.33	< 0.00050	0.016	< 0.00020	0.017	0.576	< 0.0025	< 0.0020
	11/23/2021	< 0.0030	0.0020	0.070	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.37	< 0.00050	0.014	< 0.00020	0.017	1.020	< 0.0025	< 0.0020
	2/22/2022	< 0.0030	0.0019	0.090	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.33	< 0.00050	0.018	< 0.00020	0.033	0.551	0.050	< 0.0020
	6/14/2022	< 0.0030	0.0018	0.082	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.35	< 0.00050	0.014	< 0.00020	0.018	1.220	< 0.0025	< 0.0020
	GWPS	NSP	0.01	2.0												

Table 5. Appendix IV Groundwater Analytical Results - Midwest Generation, LLC, Ponds 2S/3S Will County Station, Romeoville, IL

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
MW-09 downgradient	11/11/2015	< 0.0030	0.0047	0.027	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.55	< 0.00050	< 0.010	< 0.00020	0.14	-0.2208	< 0.0025	< 0.0020
	2/17/2016	< 0.0030	0.0051	0.027	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.55	0.00065	< 0.010	< 0.00020	0.089	< 0.373	< 0.0025	< 0.0020
	5/24/2016	< 0.0030	0.0043	0.027	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.51	0.00071	< 0.010	< 0.00020	0.079	0.508	< 0.0025	< 0.0020
	8/9/2016	< 0.0030	0.0052	0.031	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.48	< 0.00050	< 0.010	< 0.00020	0.14	0.639	< 0.0025	< 0.0020
	10/26/2016	< 0.0030	0.0069	0.019	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.81	< 0.00050	< 0.010	< 0.00020	0.11	0.608	< 0.0025	< 0.0020
	1/31/2017	< 0.0030	0.0063	0.038	* < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.57	0.0014	< 0.010	^ < 0.00020	0.09	< 0.450	< 0.0025	< 0.0020
	5/9/2017	< 0.0030	0.0052	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.38	0.00054	< 0.010	< 0.00020	0.093	< 0.361	< 0.0025	< 0.0020
	6/27/2017	< 0.0030	0.0046	0.039	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.51	< 0.00050	< 0.010	< 0.00020	0.091	0.638	< 0.0025	< 0.0020
	9/6/2017	< 0.0030	0.0047	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.51	< 0.00050	< 0.010	< 0.00020	0.10	0.454	< 0.0025	< 0.0020
	11/14/2017	< 0.0030	0.0017	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.51	< 0.00050	0.018	< 0.00020	0.026	< 0.372	0.0061	< 0.0020
	5/1/2018	NA	NA	NA	NA	NA	NA	NA	0.52	NA	NA	NA	NA	NA	NA	NA
	5/25/2021	< 0.0030	0.0044	0.054	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.39	< 0.00050	< 0.010	< 0.00020	0.054	0.741	< 0.0025	< 0.0020
	11/23/2021	< 0.0030	0.0046	0.024	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.47	< 0.00050	< 0.010	< 0.00020	0.037	0.789	< 0.0025	< 0.0020
	2/22/2022	< 0.0030	0.0070	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.40	< 0.00050	0.0065	< 0.00020	0.051	< 0.409	< 0.0025	< 0.0020
	6/15/2022	< 0.0030	0.0071	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.48	< 0.00050	< 0.010	< 0.00020	0.057	< 0.390	< 0.0025	< 0.0020
	GWPS	NSP	0.01	2.0	0.004	NSP	NSP	0.006	4.0	0.015	0.04	0.0002	0.1	5.0	0.056	NSP
	8/25/2022	< 0.0030	0.0089	0.034	< 0.0010	^1+ < 0.00050	< 0.0050	< 0.0010	0.58	< 0.00050	< 0.010	< 0.00020	0.065	1.22	< 0.0025	< 0.0020
	11/16/2022	< 0.0030	0.0094	0.036	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.79	0.00066	< 0.010	< 0.00020	0.067	< 0.51	< 0.0025	< 0.0020
	2/23/2023	< 0.0030	0.0086	0.029	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.53	< 0.00050	< 0.010	< 0.00020	0.065	< 0.61	< 0.0025	< 0.0020
	4/26/2023	< 0.0030	0.0080	0.029	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.48	< 0.00050	< 0.010	< 0.00020	0.062	< 0.562	< 0.0025	< 0.0020
	7/26/2023	< 0.0030	0.0087	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.49	< 0.00050	< 0.010	< 0.00020	0.074	< 0.733	< 0.0025	< 0.0020
	10/24/2023	< 0.0030	0.0099	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.52	< 0.00050	< 0.010	< 0.00020	0.070	< 0.549	< 0.0025	< 0.0020
	2/7/2024	^1+ < 0.030	0.0082	0.035	^1+ < 0.010	< 0.00050	< 0.0050	< 0.0010	0.60	< 0.00050	< 0.010	< 0.00020	0.068	0.588	< 0.0025	< 0.0020
	5/8/2024	< 0.0030	0.0075	0.031	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.52	< 0.00050	^+ < 0.010	0.00021	0.063	< 0.634	< 0.0025	< 0.0020
	8/5/2024	< 0.0030	0.0095	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.54	< 0.00050	< 0.010	< 0.00020	0.073	< 0.578	< 0.0025	< 0.0020
	11/5/2024	< 0.0030	0.010	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.59	< 0.00050	< 0.010	< 0.00020	0.080	0.726	< 0.0025	< 0.0020
	2/4/2025	< 0.0030	0.0093	0.039	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.53	< 0.00050	^5- < 0.010	< 0.00020	0.079	< -0.0829	< 0.0025	< 0.0020
	5/6/2025	< 0.0030	0.0082	0.033	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.54	< 0.00050	< 0.010	< 0.00020	0.084	0.799	< 0.0025	< 0.0020
	8/5/2025	< 0.0030	0.0091	0.034	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.73	< 0.00050	< 0.010	< 0.00020	0.077	< 0.679	< 0.0025	< 0.0020
	11/12/2025	< 0.0030	0.0097	0.031	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.66	< 0.00050	< 0.010	< 0.00020	0.092		< 0.0025	< 0.0020
MW-10 downgradient	11/10/2015	< 0.0030	0.015	0.096	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.77	< 0.00050	0.018	< 0.00020	0.068	1.341	< 0.0025	< 0.0020
	2/16/2016	< 0.0030	0.014	0.098	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.79	< 0.00050	0.021	< 0.00020	0.075	0.952	< 0.0025	< 0.0020
	5/25/2016	< 0.0030	0.034	0.096	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.83	0.00055	0.016	< 0.00020	0.065	0.51	< 0.0025	< 0.0020
	8/10/2016	< 0.0030	0.017	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.78	< 0.00050	0.021	< 0.00020	0.082	0.864	< 0.0025	< 0.0020
	10/26/2016	< 0.0030	0.022	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.52	< 0.00050	0.021	< 0.00020	0.030	0.458	< 0.0025	< 0.0020
	2/2/2017	< 0.0030	0.050	0.14	* < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.54	0.0013	0.020	^ < 0.00020	0.031	< 0.464	< 0.0025	< 0.0020
	5/10/2017	< 0.0030	0.020	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.44	< 0.00050	0.015	< 0.00020	0.066	0.882	< 0.0025	< 0.0020
	6/27/2017	< 0.0030	0.0072	0.096	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.67	< 0.00050	0.017	< 0.00020	0.080	0.953	< 0.0025	< 0.0020
	9/7/2017	< 0.0030	0.0076	0.086	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.77	< 0.00050	0.014	0.00058	0.096	0.921	< 0.0025	< 0.0020
	11/15/2017	< 0.0030	0.015	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.77	< 0.00050	0.021	< 0.00020	0.071	0.893	< 0.0025	< 0.0020
	5/1/2018	NA	NA	NA	NA	NA	NA	NA	0.65	NA	NA	NA	NA	NA	NA	NA
	5/25/2021	< 0.0030	0.018	0.18	^1+ < 0.0010	< 0.00050	< 0.0050	0.0013	0.62	0.0054	0.020	< 0.00020	0.036	< 1.14	< 0.0025	< 0.0020
	11/23/2021	< 0.0030	0.012	0.091	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.71	0.0011	0.013	< 0.00020	0.048	2.22	< 0.0025	< 0.0020
	2/24/2022	< 0.0030	0.0072	0.10	^1+ < 0.0010	< 0.00050	< 0.0050	0.0012	0.53	0.0010	0.014	< 0.00020	0.043	0.77	< 0.0025	< 0.0020
	6/14/2022	< 0.0030	0.0080	0.081	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.86	< 0.00050	0.015	< 0.00020	0.12	1.55	< 0.0025	< 0.0020
	GWPS	NSP	0.01	2.0	0.004	NSP	NSP	0.006	4.0	0.015	0.04	0.0002	0.1	5.0	0.056	NSP
	8/25/2022	< 0.0030	0.019	0.11	< 0.0010	^1+ < 0.00050	0.0053	0.0010	0.99	0.0077	0.015	< 0.00020	<u>0.12</u>			

Table 5. Appendix IV Groundwater Analytical Results - Midwest Generation, LLC, Ponds 2S/3S Will County Station, Romeoville, IL

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
MW-11 downgradient	11/10/2015	< 0.0030	0.0070	0.098	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.61	0.00064	< 0.010	< 0.00020	0.0600	0.736	< 0.0025	< 0.0020
	2/16/2016	< 0.0030	0.0059	0.11	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.68	< 0.00050	0.012	< 0.00020	0.078	1.14	< 0.0025	< 0.0020
	5/25/2016	< 0.0030	0.0073	0.093	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.75	< 0.00050	< 0.010	< 0.00020	0.083	0.775	< 0.0025	< 0.0020
	8/10/2016	< 0.0030	0.0072	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.72	< 0.00050	< 0.010	< 0.00020	0.087	0.807	< 0.0025	< 0.0020
	10/26/2016	< 0.0030	0.0082	0.096	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.53	0.00052	< 0.010	< 0.00020	0.043	0.510	< 0.0025	< 0.0020
	2/1/2017	< 0.0030	0.011	0.15	* < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.65	< 0.00050	< 0.010	< 0.00020	0.076	0.909	< 0.0025	< 0.0020
	5/10/2017	< 0.0030	0.014	0.14	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.46	< 0.00050	< 0.010	< 0.00020	0.074	1.03	< 0.0025	< 0.0020
	6/27/2017	< 0.0030	0.0058	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.59	< 0.00050	< 0.010	< 0.00020	0.069	0.692	< 0.0025	< 0.0020
	9/7/2017	< 0.0030	0.0074	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.58	< 0.00050	< 0.010	< 0.00020	0.067	0.676	< 0.0025	< 0.0020
	11/15/2017	< 0.0030	0.0082	0.15	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.65	< 0.00050	< 0.010	< 0.00020	0.075	1.04	< 0.0025	< 0.0020
	5/3/2018	NA	NA	NA	NA	NA	NA	NA	0.69	NA	NA	NA	NA	NA	NA	NA
	5/25/2021	< 0.0030	0.0067	0.16	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.74	< 0.00050	< 0.010	< 0.00020	0.077	1.29	< 0.0025	< 0.0020
	11/23/2021	< 0.0030	0.0085	0.11	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.48	< 0.00050	< 0.010	< 0.00020	0.025	2.35	< 0.0025	< 0.0020
	2/23/2022	< 0.0030	0.013	0.12	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.38	0.00060	0.011	< 0.00020	0.031	1.65	< 0.0025	< 0.0020
	6/13/2022	< 0.0030	0.0088	0.17	< 0.0010	< 0.00050	< 0.0050	0.0022	0.40	0.0018	0.011	< 0.00020	0.058	1.44	< 0.0025	< 0.0020
	GWPS	NSP	0.01	2.0	0.004	NSP	NSP	0.006	4.0	0.015	0.04	0.0002	0.1	5.0	0.056	NSP
	8/23/2022	< 0.0030	0.0082	0.1	< 0.0010	^1+ < 0.00050	< 0.0050	< 0.0010	0.53	< 0.00050	< 0.010	< 0.00020	0.033	2.02	< 0.0025	< 0.0020
	11/16/2022	< 0.0030	0.013	0.1	^+ < 0.0010	< 0.00050	< 0.0050	0.0015	0.71	0.0014	0.010	< 0.00020	0.052	1.61	< 0.0025	< 0.0020
	12/29/2022 R	NA	0.015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/21/2023	< 0.0030	0.016	0.2	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.45	0.00096	< 0.010	< 0.00020	0.037	1.57	< 0.0025	< 0.0020
	4/25/2023	< 0.0030	0.015	0.18	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.53	< 0.00050	< 0.010	< 0.00020	0.043	< 0.734	< 0.0025	< 0.0020
	7/25/2023	< 0.0030	0.0077	0.14	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.46	< 0.00050	< 0.010	< 0.00020	0.031	1.02	< 0.0025	< 0.0020
	10/19/2023	< 0.0030	0.010	0.16	*+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.55	< 0.00050	< 0.010	< 0.00020	0.044	1.34	< 0.0025	^1+ < 0.0020
	2/5/2024	^1+ < 0.0030	0.025	0.18	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.45	0.00056	F1 < 0.10	< 0.00020	0.029	1.65	< 0.0025	< 0.0020
	5/6/2024	< 0.0030	0.032	0.17	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.52	0.00056	0.010	< 0.00020	0.037	0.817	< 0.0025	< 0.0020
	8/1/2024	< 0.0030	0.0075	0.14	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.53	< 0.00050	< 0.010	< 0.00020	0.045	1.55	< 0.0025	< 0.0020
	11/1/2024	< 0.0030	0.0073	0.16	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.55	< 0.00050	< 0.010	< 0.00020	0.042	1.43	< 0.0025	< 0.0020
	2/3/2025	< 0.0030	0.013	0.21	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.49	< 0.00050	^5- 0.010	< 0.00020	0.031	1.47	< 0.0025	< 0.0020
	5/5/2025	< 0.0030	0.013	0.16	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.49	< 0.00050	< 0.010	< 0.00020	0.034	1.14	< 0.0025	< 0.0020
	8/1/2025	< 0.0030	0.0098	0.15	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.72	< 0.00050	0.010	< 0.00020	0.037	0.999	< 0.0025	< 0.0020
	11/10/2025	< 0.0030	0.0072	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.58	< 0.00050	0.011	< 0.00020	0.029	0.832	< 0.0025	< 0.0020
MW-12 downgradient	11/10/2015	< 0.0030	0.0016	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.59	< 0.00050	0.012	< 0.00020	0.034	0.814	< 0.0025	< 0.0020
	2/16/2016	< 0.0030	0.0013	0.084	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.52	< 0.00050	0.015	< 0.00020	0.031	< 0.407	< 0.0025	< 0.0020
	5/25/2016	< 0.0030	0.0013	0.12	^ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.54	0.00063	0.014	< 0.00020	0.030	0.406	0.0026	< 0.0020
	8/10/2016	< 0.0030	0.0017	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.49	0.00060	0.017	< 0.00020	0.040	< 0.426	0.0077	< 0.0020
	10/26/2016	< 0.0030	0.0016	0.11	< 0.0010	< 0.00050	0.0250	< 0.0010	0.49	< 0.00050	0.013	< 0.00020	0.036	< 0.664	< 0.0025	< 0.0020
	2/1/2017	< 0.0030	0.0017	0.11	* < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.48	0.00065	0.013	< 0.00020	0.023	0.949	< 0.0025	< 0.0020
	5/10/2017	< 0.0030	0.0013	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.30	< 0.00050	0.012	< 0.00020	0.029	< 0.464	0.017	< 0.0020
	6/27/2017	< 0.0030	0.0014	0.14	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.44	< 0.00050	0.017	< 0.00020	0.030	0.455	0.0032	< 0.0020
	9/6/2017	< 0.0030	0.0017	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.49	< 0.00050	0.014	< 0.00020	0.032	< 0.317	0.0043	< 0.0020
	11/15/2017	< 0.0030	0.0054	0.034	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.47	< 0.00050	< 0.01	< 0.00020	0.11	0.434	< 0.0025	< 0.0020
	5/3/2018	NA	NA	NA	NA	NA	NA	NA	0.47	NA	NA	NA	NA	NA	NA	NA
	5/25/2021	< 0.0030	0.0017	0.14	^1+ < 0.0010	< 0.00050	< 0.0050	0.0010	0.49	< 0.00085	0.014	< 0.00020	0.029	0.529	< 0.0025	< 0.0020
	11/23/2021	< 0.0030	0.0020	0.15	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.44	< 0.00050	0.014	< 0.00020	0.022	0.580	0.0055	< 0.0020
	2/24/2022	< 0.0030	0.0025	0.27	^1+ < 0.0010	< 0.00050	< 0.0050	0.0011	0.40	0.0016	0.018	< 0.00020	0.024	< 1.620	0.0061	< 0.0020
	6/13/2022	< 0.0030	0.0015	0.15	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.45	< 0.00050	0.012	< 0.00020	0.024	0.957	0.0045	< 0.0020
	GWPS	NSP	0.01	2.0	0.004	NSP	NSP	0.006	4.0	0.015	0.04	0.0002	0.1	5.0	0.056	NSP
	8/23/2022	< 0.0030	0.0011	0.18	< 0.0010	^1+ < 0.00050	< 0.0050	< 0.0010	0.37	< 0.00050	0.013	< 0.00020	0.015	0.709	0.0086	< 0.0020
	11/16/2022	< 0.0030	0.0017	0.14	^+ < 0.00.											

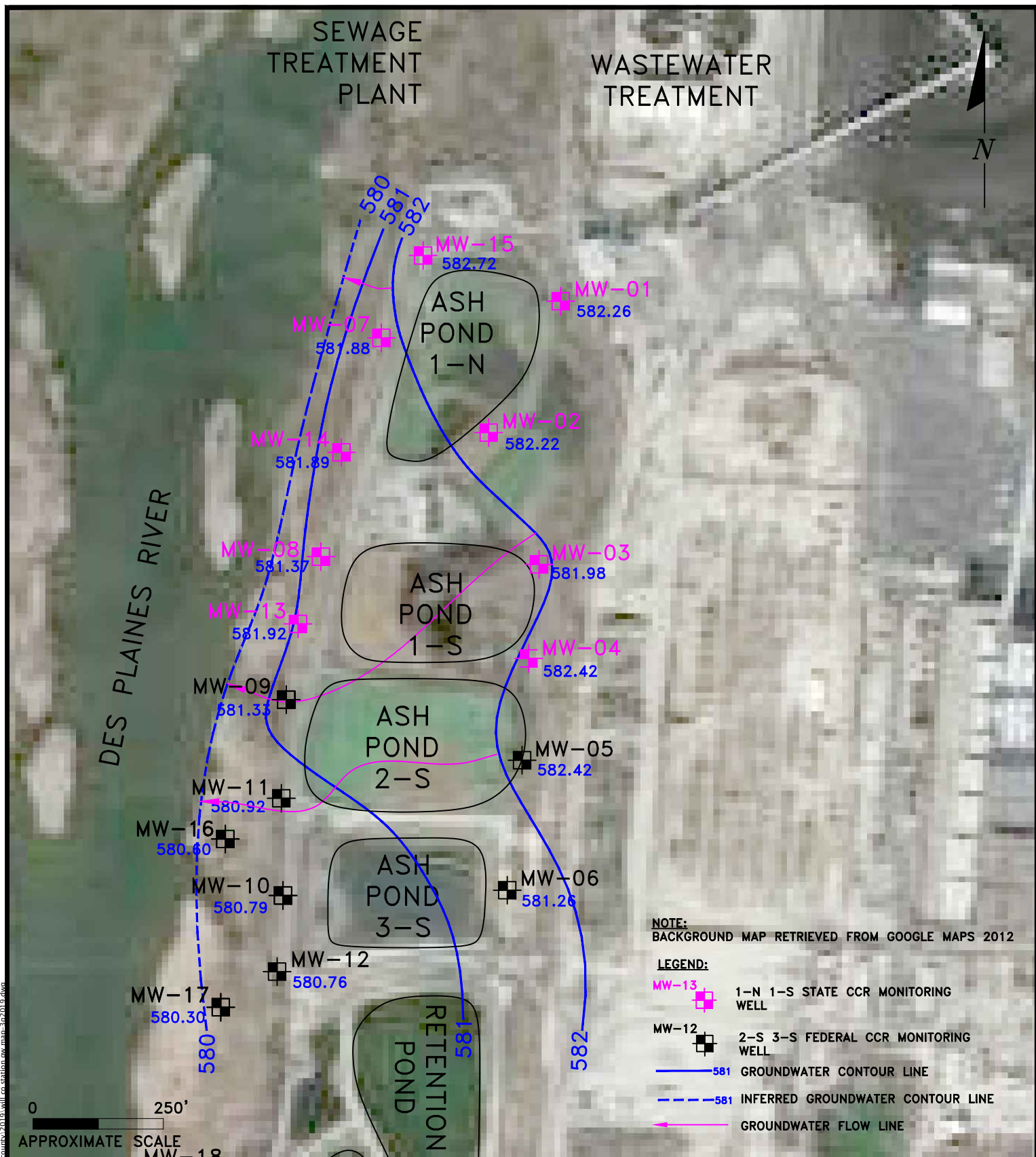
Table 5. Appendix IV Groundwater Analytical Results - Midwest Generation, LLC, Ponds 2S/3S Will County Station, Romeoville, IL

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium
MW-16 downgradient	GWPS	NSP	0.01	2.0	0.004	NSP	NSP	0.006	4.0	0.015	0.04	NSP	0.1	5.0	0.056	NSP
	<i>2/5/2024</i>	[^] 1+ < 0.0030	0.0022	0.083	[^] + < 0.0010	< 0.00050	< 0.0050	0.0014	0.36	< 0.00050	< 0.10	< 0.00020	0.012	1.21	< 0.0025	< 0.0020
	<i>5/6/2024</i>	< 0.0030	0.0031	0.072	< 0.0010	< 0.00050	< 0.0050	0.0014	0.41	< 0.00050	0.014	< 0.00020	0.012	0.728	< 0.0025	< 0.0020
	<i>8/1/2024</i>	< 0.0030	< 0.0010	0.071	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.35	< 0.00050	0.014	< 0.00020	0.018	1.87	< 0.0025	< 0.0020
	<i>11/1/2024</i>	< 0.0030	< 0.0010	0.076	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.34	< 0.00050	0.015	< 0.00020	0.022	1.99	< 0.0025	< 0.0020
	<i>2/3/2025</i>	< 0.0030	< 0.0010	0.11	[^] 1+ < 0.0010	< 0.00050	< 0.0050	0.0029	0.38	< 0.00050	[^] 5- 0.012	< 0.00020	0.0073	< 0.564	< 0.0025	< 0.0020
	<i>5/5/2025</i>	< 0.0030	0.0022	0.091	< 0.0010	< 0.00050	< 0.0050	0.0022	0.55	< 0.00050	< 0.010	< 0.00020	0.0056	< 0.461	< 0.0025	< 0.0020
	<i>8/1/2025</i>	< 0.0030	< 0.0010	0.10	< 0.0010	< 0.00050	< 0.0050	0.0018	0.67	< 0.00050	0.014	< 0.00020	0.0095	1.37	< 0.0025	< 0.0020
	<i>11/10/2025</i>	< 0.0030	< 0.0010	0.070	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.40	< 0.00050	0.014	< 0.00020	0.017	1.77	< 0.0025	< 0.0020
MW-17 downgradient	GWPS	NSP	0.01	2.0	0.004	NSP	NSP	0.006	4.0	0.015	0.04	NSP	0.1	5.0	0.056	NSP
	<i>2/5/2024</i>	[^] 1+ < 0.0030	0.0052	0.050	[^] + < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.85	< 0.00050	< 0.10	< 0.00020	0.14	< 0.536	< 0.0025	< 0.0020
	<i>5/6/2024</i>	< 0.0030	0.0054	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.79	< 0.00050	< 0.050	< 0.00020	0.13	< 0.655	< 0.0025	< 0.0020
	<i>8/1/2024</i>	< 0.0030	0.0064	0.054	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.75	< 0.00050	0.019	< 0.00020	0.13	0.597	< 0.0025	< 0.0020
	<i>11/1/2024</i>	< 0.0030	0.0067	0.055	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.76	< 0.00050	0.019	< 0.00020	0.13	2.3	< 0.0025	< 0.0020
	<i>2/3/2025</i>	< 0.0030	0.0067	0.070	[^] 1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.55	< 0.00050	[^] 5- 0.018	< 0.00020	0.10	1.13	< 0.0025	< 0.0020
	<i>5/5/2025</i>	< 0.0030	0.0063	0.063	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.71	< 0.00050	0.019	< 0.00020	0.13	1.19	< 0.0025	< 0.0020
	<i>8/1/2025</i>	< 0.0030	0.0068	0.055	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.95	< 0.00050	0.018	< 0.00020	0.12	1.06	< 0.0025	< 0.0020
	<i>11/10/2025</i>	< 0.0030	0.0051	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.80	< 0.00050	0.019	< 0.00020	0.12	< 0.250	< 0.0025	< 0.0020
MW-18 downgradient	GWPS	NSP	0.01	2.0	0.004	NSP	NSP	0.006	4.0	0.015	0.04	NSP	0.1	5.0	0.056	NSP
	<i>11/21/2025</i>	< 0.0030	0.0019	0.029	[^] 1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	1.1	< 0.00050	0.023	< 0.00020	0.11	< 0.250	0.0025	< 0.0020

Notes: All statistics use the detection limit for non-detect results.
All units are in mg/L except Radium is in pCi/L as noted.
Italics - Assessment Monitoring Conducted After Identification of Detected Appendix IV Compounds.
NSP - No Standard Calculated/Provided
NA - Not Analyzed; non-detect in previous monitoring.
R - Resample
BOLD - Exceeds established GWPS.
GWPS - Groundwater Protection Standard.

GWPS - Groundwater Protection Standard
DYNA - Data Not Yet Available
F1 - MS and/or MSD Recovery outside of limits.
[^] - Denotes instrument related QC exceeds the control limits.
[^]1 or [^]+ - Initial or continuing calibration verification limits is outside acceptable limits, high biased.
* - LCS or LCSD is outside acceptance limits.
NS - Not sampled due to insufficient water volume.

ATTACHMENT 1
Groundwater Flow Contour Maps



ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G

KPRG and Associates, inc.

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

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

CCR GROUNDWATER CONTOUR 1Q2025

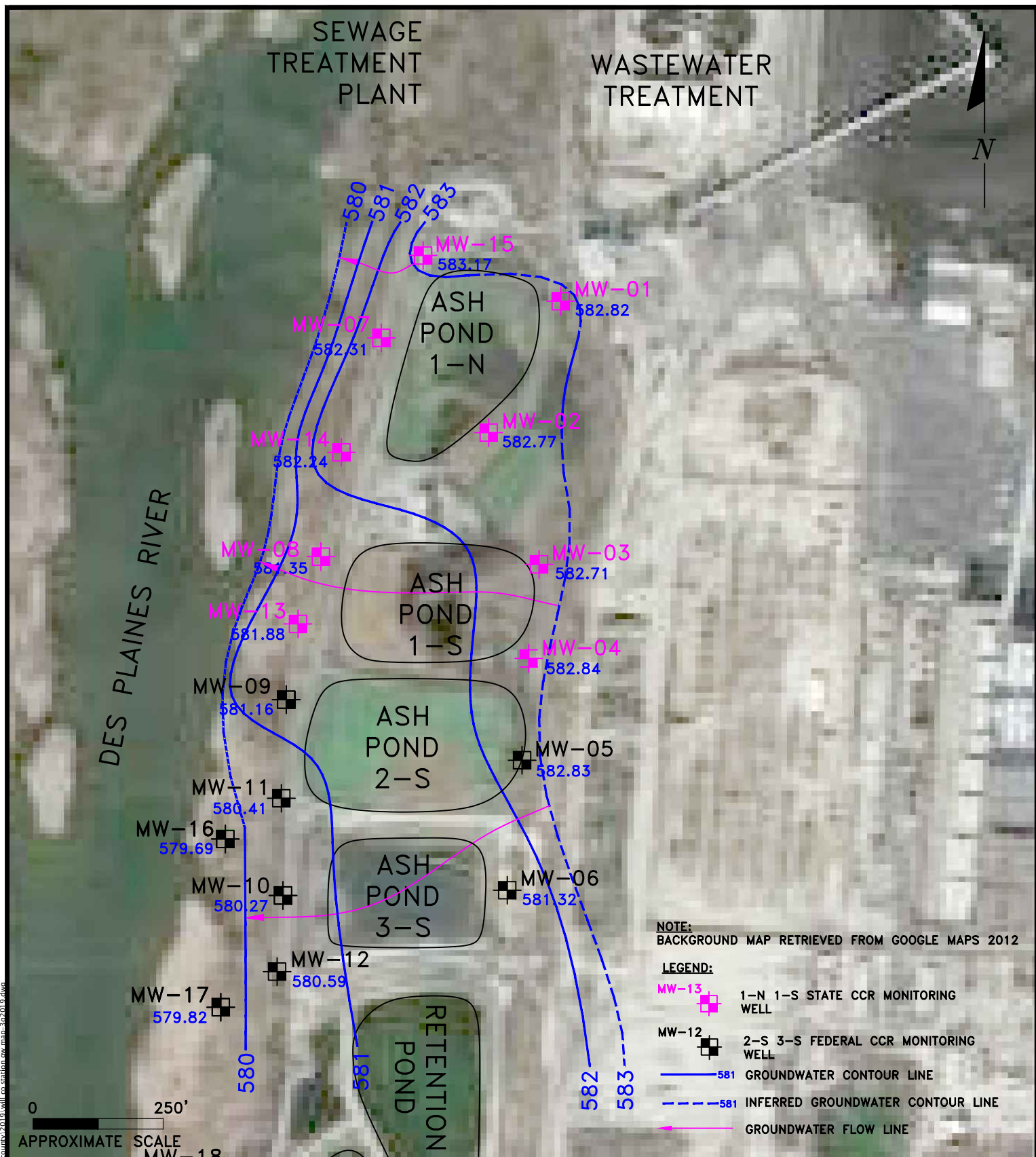
WILL COUNTY STATION
ROMEDEVILLE, ILLINOIS

Scale: 1" = 250'

Date: January 14, 2026

KPRG Project No. 12313.3

ATTACHMENT 1



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

CCR GROUNDWATER CONTOUR 2Q2025

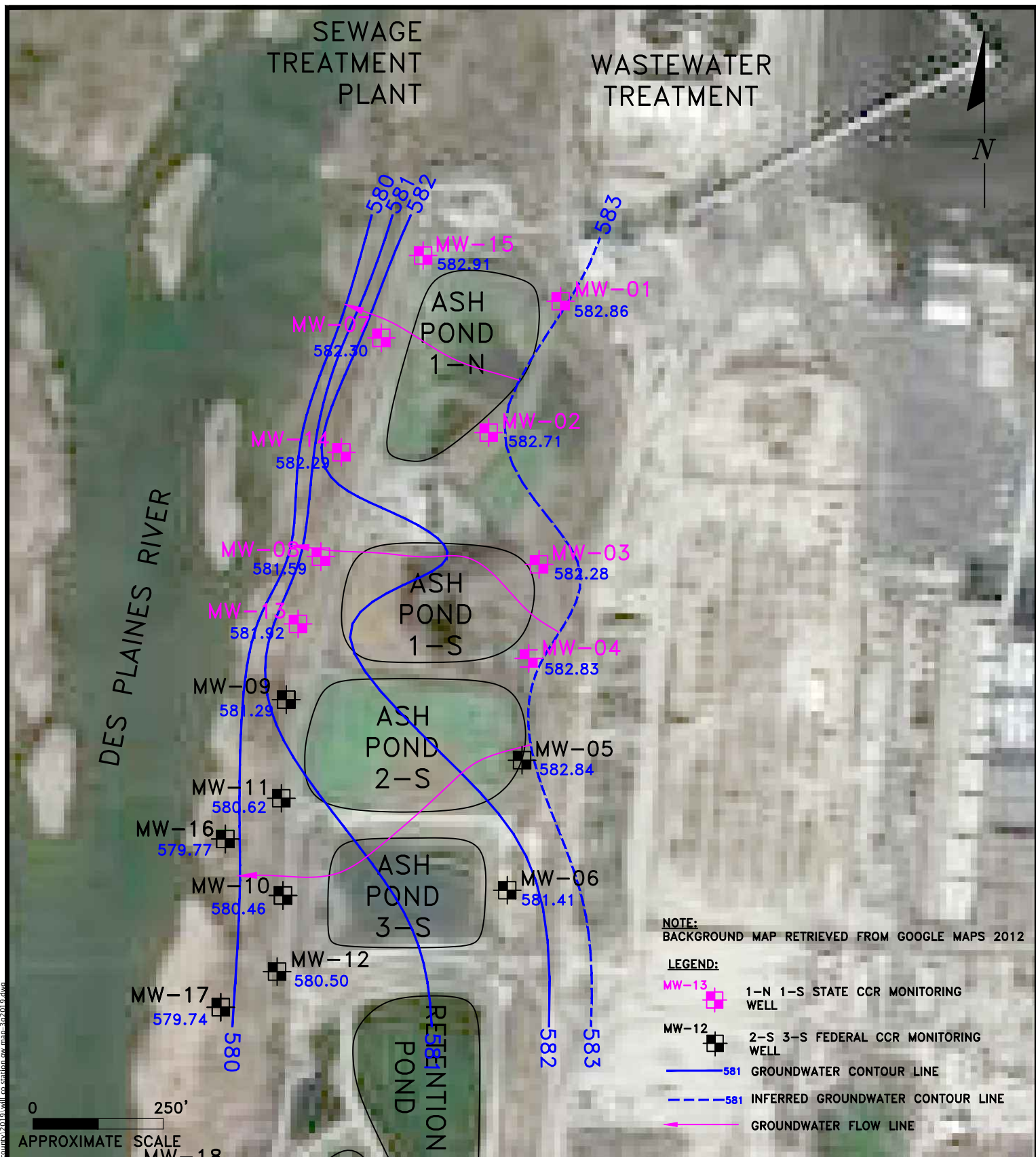
WILL COUNTY STATION
ROMEOWILLE, ILLINOIS

Scale: 1" = 250'

Date: January 14, 2026

KPRG Project No. 12313.3

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CCR GROUNDWATER CONTOUR 3Q2025

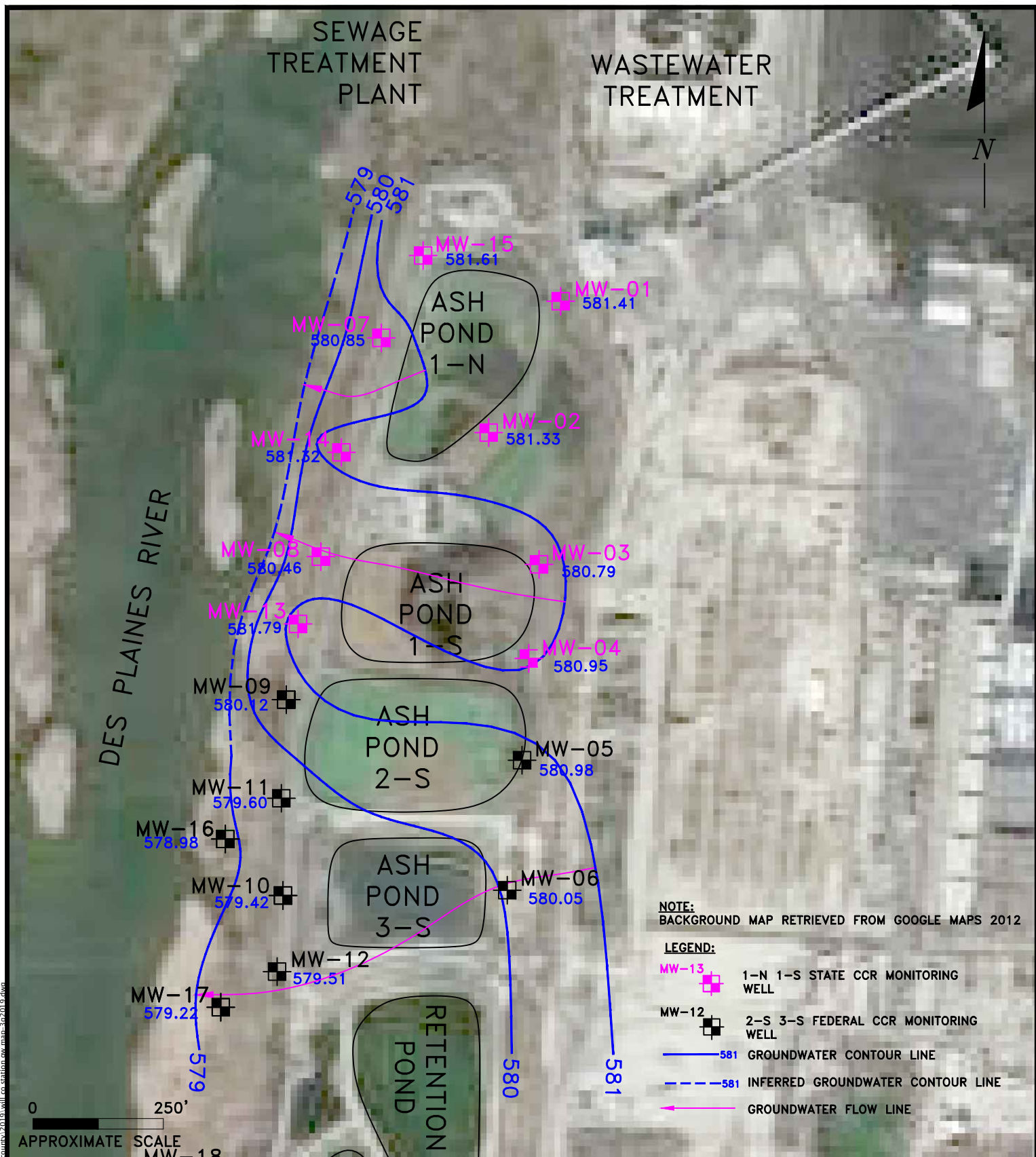
WILL COUNTY STATION
ROMEOVILLE, ILLINOIS

Scale: 1" = 250'

Date: January 14, 2026

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CCR GROUNDWATER CONTOUR 4Q2025

WILL COUNTY STATION
ROMEOLVILLE, ILLINOIS

Scale: 1" = 250'

Date: January 14, 2026

KPRG Project No. 12313.3

ATTACHMENT 1

ATTACHMENT 2
Analytical Data Packages

ANALYTICAL REPORT

PREPARED FOR

Attn: James Thorne
Midwest Generation EME LLC
1800 Channahon Road
Joliet, Illinois 60436

Generated 2/18/2025 3:39:04 PM

JOB DESCRIPTION

Will County CCR

JOB NUMBER

500-263510-1

Eurofins Chicago

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



Generated
2/18/2025 3:39:04 PM

Authorized for release by
Diana Mockler, Project Manager I
Diana.Mockler@et.eurofinsus.com
(219)252-7570



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Case Narrative

Client: Midwest Generation EME LLC
Project: Will County CCR

Job ID: 500-263510-1

Job ID: 500-263510-1

Eurofins Chicago

Job Narrative 500-263510-1

Receipt

The samples were received on 02/04/25 16:30. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were -0.8° C, -0.7° C, 0.8° C and 2.7° C.

Metals

Method 6020B: The linear range check (LRC) recovered outside of control limits for Lithium. Sample results are within the high calibration standard and have been qualified and reported. (LRC 500-805543/14)

Method 6020B: The initial low level calibration verification (ICVL) result for batch 500-805543 was above the upper control limit. The affected analyte is: Beryllium. Sample results were non-detects, and have been reported as qualified data.

Method 6020B: The low level check standard recovery associated with batch 500-806557 is outside the acceptance criteria for the following analyte: Beryllium. This standard was high in the ICVL and not detected in the associated samples. The data has been qualified and reported.

Method 6020B: The linear range check standard for batch 806557 recovered low for Be. The high standard read back was within control limits. Sample results were below the high standard and have qualified and reported. MW-05 (500-263510-8)

Method 6020B: The linear range check standard for AD batch 806880 was slightly below the 90-110% control limits for B (89%). Associated samples have been analyzed in multiple runs with corresponding results. The data have been qualified and reported. (LRC 500-806880/21)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

Method 300.0: Due to the high concentration of Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 500-805765 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Eurofins Chicago

Method Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury (CVAA)	SW846	EET CHI
300.0	Anions, Ion Chromatography	EPA	EET CHI
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CHI
SM 4500 F C	Fluoride	SM	EET CHI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Sample Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-263510-1	MW-09	Water	02/04/25 09:10	02/04/25 16:30
500-263510-2	MW-10	Water	02/04/25 14:55	02/04/25 16:30
500-263510-3	MW-11	Water	02/03/25 14:23	02/04/25 16:30
500-263510-4	MW-12	Water	02/03/25 10:46	02/04/25 16:30
500-263510-5	2S/3S Duplicate	Water	02/03/25 00:00	02/04/25 16:30
500-263510-6	MW-16	Water	02/03/25 13:26	02/04/25 16:30
500-263510-7	MW-17	Water	02/03/25 11:55	02/04/25 16:30
500-263510-8	MW-05	Water	02/05/25 10:19	02/06/25 09:18
500-263510-9	MW-06	Water	02/05/25 09:20	02/06/25 09:18

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Client Sample ID: MW-09

Lab Sample ID: 500-263510-1

Date Collected: 02/04/25 09:10

Matrix: Water

Date Received: 02/04/25 16:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0093		0.0010		mg/L		02/05/25 14:45	02/06/25 11:57	1
Boron	1.7		0.050		mg/L		02/05/25 14:45	02/06/25 11:57	1
Barium	0.039		0.0025		mg/L		02/05/25 14:45	02/06/25 11:57	1
Beryllium	<0.0010	^1+	0.0010		mg/L		02/05/25 14:45	02/06/25 11:57	1
Calcium	41		0.20		mg/L		02/05/25 14:45	02/06/25 11:57	1
Cadmium	<0.00050		0.00050		mg/L		02/05/25 14:45	02/06/25 11:57	1
Cobalt	<0.0010		0.0010		mg/L		02/05/25 14:45	02/06/25 11:57	1
Chromium	<0.0050		0.0050		mg/L		02/05/25 14:45	02/06/25 11:57	1
Molybdenum	0.079		0.0050		mg/L		02/05/25 14:45	02/06/25 11:57	1
Lead	<0.00050		0.00050		mg/L		02/05/25 14:45	02/06/25 11:57	1
Antimony	<0.0030		0.0030		mg/L		02/05/25 14:45	02/06/25 11:57	1
Selenium	<0.0025		0.0025		mg/L		02/05/25 14:45	02/06/25 11:57	1
Thallium	<0.0020		0.0020		mg/L		02/05/25 14:45	02/06/25 11:57	1
Lithium	<0.010	^5-	0.010		mg/L		02/05/25 14:45	02/06/25 11:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/06/25 16:00	02/10/25 11:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	210		10		mg/L			02/08/25 20:09	10
Sulfate (EPA 300.0)	250		10		mg/L			02/08/25 20:09	10
Total Dissolved Solids (SM 2540C)	800		10		mg/L			02/05/25 03:23	1
Fluoride (SM 4500 F C)	0.53		0.10		mg/L			02/06/25 14:37	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Client Sample ID: MW-10

Lab Sample ID: 500-263510-2

Date Collected: 02/04/25 14:55

Matrix: Water

Date Received: 02/04/25 16:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.014		0.0010		mg/L		02/05/25 14:45	02/06/25 12:00	1
Boron	3.2		0.050		mg/L		02/05/25 14:45	02/06/25 12:00	1
Barium	0.14		0.0025		mg/L		02/05/25 14:45	02/06/25 12:00	1
Beryllium	<0.0010	^1+	0.0010		mg/L		02/05/25 14:45	02/06/25 12:00	1
Calcium	170		0.20		mg/L		02/05/25 14:45	02/06/25 12:00	1
Cadmium	<0.00050		0.00050		mg/L		02/05/25 14:45	02/06/25 12:00	1
Cobalt	<0.0010		0.0010		mg/L		02/05/25 14:45	02/06/25 12:00	1
Chromium	<0.0050		0.0050		mg/L		02/05/25 14:45	02/06/25 12:00	1
Molybdenum	0.045		0.0050		mg/L		02/05/25 14:45	02/06/25 12:00	1
Lead	0.00050		0.00050		mg/L		02/05/25 14:45	02/06/25 12:00	1
Antimony	<0.0030		0.0030		mg/L		02/05/25 14:45	02/06/25 12:00	1
Selenium	<0.0025		0.0025		mg/L		02/05/25 14:45	02/06/25 12:00	1
Thallium	<0.0020		0.0020		mg/L		02/05/25 14:45	02/06/25 12:00	1
Lithium	0.018	^5-	0.010		mg/L		02/05/25 14:45	02/06/25 12:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/06/25 16:00	02/10/25 11:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	120		10		mg/L			02/08/25 20:24	10
Sulfate (EPA 300.0)	230		10		mg/L			02/08/25 20:24	10
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			02/05/25 03:25	1
Fluoride (SM 4500 F C)	0.62		0.10		mg/L			02/06/25 14:41	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Client Sample ID: MW-11

Lab Sample ID: 500-263510-3

Date Collected: 02/03/25 14:23

Matrix: Water

Date Received: 02/04/25 16:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.013		0.0010		mg/L		02/05/25 14:45	02/06/25 12:02	1
Boron	2.5		0.050		mg/L		02/05/25 14:45	02/06/25 12:02	1
Barium	0.21		0.0025		mg/L		02/05/25 14:45	02/06/25 12:02	1
Beryllium	<0.0010	^1+	0.0010		mg/L		02/05/25 14:45	02/06/25 12:02	1
Calcium	120		0.20		mg/L		02/05/25 14:45	02/06/25 12:02	1
Cadmium	<0.00050		0.00050		mg/L		02/05/25 14:45	02/06/25 12:02	1
Cobalt	<0.0010		0.0010		mg/L		02/05/25 14:45	02/06/25 12:02	1
Chromium	<0.0050		0.0050		mg/L		02/05/25 14:45	02/06/25 12:02	1
Molybdenum	0.031		0.0050		mg/L		02/05/25 14:45	02/06/25 12:02	1
Lead	<0.00050		0.00050		mg/L		02/05/25 14:45	02/06/25 12:02	1
Antimony	<0.0030		0.0030		mg/L		02/05/25 14:45	02/06/25 12:02	1
Selenium	<0.0025		0.0025		mg/L		02/05/25 14:45	02/06/25 12:02	1
Thallium	<0.0020		0.0020		mg/L		02/05/25 14:45	02/06/25 12:02	1
Lithium	0.010	^5-	0.010		mg/L		02/05/25 14:45	02/06/25 12:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/06/25 16:00	02/10/25 11:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	130		10		mg/L			02/08/25 20:39	10
Sulfate (EPA 300.0)	72		10		mg/L			02/08/25 20:39	10
Total Dissolved Solids (SM 2540C)	710		10		mg/L			02/07/25 04:09	1
Fluoride (SM 4500 F C)	0.49		0.10		mg/L			02/06/25 14:46	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Client Sample ID: MW-12

Lab Sample ID: 500-263510-4

Date Collected: 02/03/25 10:46

Matrix: Water

Date Received: 02/04/25 16:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0012		0.0010		mg/L		02/05/25 14:45	02/06/25 12:05	1
Boron	2.1		0.050		mg/L		02/05/25 14:45	02/06/25 12:05	1
Barium	0.15		0.0025		mg/L		02/05/25 14:45	02/06/25 12:05	1
Beryllium	<0.0010	^1+	0.0010		mg/L		02/05/25 14:45	02/06/25 12:05	1
Calcium	180		0.20		mg/L		02/05/25 14:45	02/06/25 12:05	1
Cadmium	<0.00050		0.00050		mg/L		02/05/25 14:45	02/06/25 12:05	1
Cobalt	<0.0010		0.0010		mg/L		02/05/25 14:45	02/06/25 12:05	1
Chromium	<0.0050		0.0050		mg/L		02/05/25 14:45	02/06/25 12:05	1
Molybdenum	0.021		0.0050		mg/L		02/05/25 14:45	02/06/25 12:05	1
Lead	<0.00050		0.00050		mg/L		02/05/25 14:45	02/06/25 12:05	1
Antimony	<0.0030		0.0030		mg/L		02/05/25 14:45	02/06/25 12:05	1
Selenium	0.011		0.0025		mg/L		02/05/25 14:45	02/06/25 12:05	1
Thallium	<0.0020		0.0020		mg/L		02/05/25 14:45	02/06/25 12:05	1
Lithium	0.015	^5-	0.010		mg/L		02/05/25 14:45	02/06/25 12:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/06/25 16:00	02/10/25 11:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	140		10		mg/L			02/08/25 20:54	10
Sulfate (EPA 300.0)	170		10		mg/L			02/08/25 20:54	10
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			02/07/25 04:12	1
Fluoride (SM 4500 F C)	0.41		0.10		mg/L			02/07/25 13:06	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Client Sample ID: 2S/3S Duplicate

Lab Sample ID: 500-263510-5

Date Collected: 02/03/25 00:00

Matrix: Water

Date Received: 02/04/25 16:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0060		0.0010		mg/L		02/05/25 14:45	02/06/25 12:07	1
Boron	2.7		0.050		mg/L		02/05/25 14:45	02/06/25 12:07	1
Barium	0.072		0.0025		mg/L		02/05/25 14:45	02/06/25 12:07	1
Beryllium	<0.0010	^1+	0.0010		mg/L		02/05/25 14:45	02/06/25 12:07	1
Calcium	88		0.20		mg/L		02/05/25 14:45	02/06/25 12:07	1
Cadmium	<0.00050		0.00050		mg/L		02/05/25 14:45	02/06/25 12:07	1
Cobalt	<0.0010		0.0010		mg/L		02/05/25 14:45	02/06/25 12:07	1
Chromium	<0.0050		0.0050		mg/L		02/05/25 14:45	02/06/25 12:07	1
Molybdenum	0.10		0.0050		mg/L		02/05/25 14:45	02/06/25 12:07	1
Lead	<0.00050		0.00050		mg/L		02/05/25 14:45	02/06/25 12:07	1
Antimony	<0.0030		0.0030		mg/L		02/05/25 14:45	02/06/25 12:07	1
Selenium	<0.0025		0.0025		mg/L		02/05/25 14:45	02/06/25 12:07	1
Thallium	<0.0020		0.0020		mg/L		02/05/25 14:45	02/06/25 12:07	1
Lithium	0.018	^5-	0.010		mg/L		02/05/25 14:45	02/06/25 12:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/06/25 16:00	02/10/25 11:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	120		5.0		mg/L			02/09/25 00:44	5
Sulfate (EPA 300.0)	320		5.0		mg/L			02/09/25 00:44	5
Total Dissolved Solids (SM 2540C)	830		10		mg/L			02/07/25 04:14	1
Fluoride (SM 4500 F C)	0.56		0.10		mg/L			02/07/25 13:11	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Client Sample ID: MW-16

Lab Sample ID: 500-263510-6

Date Collected: 02/03/25 13:26

Matrix: Water

Date Received: 02/04/25 16:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0025		0.0010		mg/L		02/05/25 14:45	02/06/25 12:10	1
Boron	0.89		0.050		mg/L		02/05/25 14:45	02/06/25 12:10	1
Barium	0.11		0.0025		mg/L		02/05/25 14:45	02/06/25 12:10	1
Beryllium	<0.0010	^1+	0.0010		mg/L		02/05/25 14:45	02/06/25 12:10	1
Calcium	170		0.20		mg/L		02/05/25 14:45	02/06/25 12:10	1
Cadmium	<0.00050		0.00050		mg/L		02/05/25 14:45	02/06/25 12:10	1
Cobalt	0.0029		0.0010		mg/L		02/05/25 14:45	02/06/25 12:10	1
Chromium	<0.0050		0.0050		mg/L		02/05/25 14:45	02/06/25 12:10	1
Molybdenum	0.0073		0.0050		mg/L		02/05/25 14:45	02/06/25 12:10	1
Lead	<0.00050		0.00050		mg/L		02/05/25 14:45	02/06/25 12:10	1
Antimony	<0.0030		0.0030		mg/L		02/05/25 14:45	02/06/25 12:10	1
Selenium	<0.0025		0.0025		mg/L		02/05/25 14:45	02/06/25 12:10	1
Thallium	<0.0020		0.0020		mg/L		02/05/25 14:45	02/06/25 12:10	1
Lithium	0.012	^5-	0.010		mg/L		02/05/25 14:45	02/06/25 12:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/06/25 16:00	02/10/25 11:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	180		5.0		mg/L			02/09/25 01:30	5
Sulfate (EPA 300.0)	220		5.0		mg/L			02/09/25 01:30	5
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			02/07/25 04:17	1
Fluoride (SM 4500 F C)	0.38		0.10		mg/L			02/07/25 13:25	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Client Sample ID: MW-17

Lab Sample ID: 500-263510-7

Date Collected: 02/03/25 11:55

Matrix: Water

Date Received: 02/04/25 16:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0057		0.0010		mg/L		02/05/25 14:45	02/06/25 12:12	1
Boron	2.6		0.050		mg/L		02/05/25 14:45	02/06/25 12:12	1
Barium	0.070		0.0025		mg/L		02/05/25 14:45	02/06/25 12:12	1
Beryllium	<0.0010	^1+	0.0010		mg/L		02/05/25 14:45	02/06/25 12:12	1
Calcium	84		0.20		mg/L		02/05/25 14:45	02/06/25 12:12	1
Cadmium	<0.00050		0.00050		mg/L		02/05/25 14:45	02/06/25 12:12	1
Cobalt	<0.0010		0.0010		mg/L		02/05/25 14:45	02/06/25 12:12	1
Chromium	<0.0050		0.0050		mg/L		02/05/25 14:45	02/06/25 12:12	1
Molybdenum	0.10		0.0050		mg/L		02/05/25 14:45	02/06/25 12:12	1
Lead	<0.00050		0.00050		mg/L		02/05/25 14:45	02/06/25 12:12	1
Antimony	<0.0030		0.0030		mg/L		02/05/25 14:45	02/06/25 12:12	1
Selenium	<0.0025		0.0025		mg/L		02/05/25 14:45	02/06/25 12:12	1
Thallium	<0.0020		0.0020		mg/L		02/05/25 14:45	02/06/25 12:12	1
Lithium	0.018	^5-	0.010		mg/L		02/05/25 14:45	02/06/25 12:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/06/25 16:00	02/10/25 11:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	130		10		mg/L			02/09/25 01:45	10
Sulfate (EPA 300.0)	330		10		mg/L			02/09/25 01:45	10
Total Dissolved Solids (SM 2540C)	810		10		mg/L			02/07/25 04:20	1
Fluoride (SM 4500 F C)	0.55		0.10		mg/L			02/07/25 13:30	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Client Sample ID: MW-05

Lab Sample ID: 500-263510-8

Date Collected: 02/05/25 10:19

Matrix: Water

Date Received: 02/06/25 09:18

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0011		0.0010		mg/L		02/11/25 09:31	02/13/25 21:24	1
Boron	4.3	^5-	0.050		mg/L		02/11/25 09:31	02/18/25 13:01	1
Barium	0.039		0.0025		mg/L		02/11/25 09:31	02/13/25 21:24	1
Beryllium	<0.0010	^5- ^1+	0.0010		mg/L		02/11/25 09:31	02/13/25 21:24	1
Calcium	97		0.20		mg/L		02/11/25 09:31	02/13/25 21:24	1
Cadmium	<0.00050		0.00050		mg/L		02/11/25 09:31	02/13/25 21:24	1
Cobalt	<0.0010		0.0010		mg/L		02/11/25 09:31	02/13/25 21:24	1
Chromium	<0.0050		0.0050		mg/L		02/11/25 09:31	02/13/25 21:24	1
Molybdenum	0.056		0.0050		mg/L		02/11/25 09:31	02/13/25 21:24	1
Lead	<0.00050		0.00050		mg/L		02/11/25 09:31	02/13/25 21:24	1
Antimony	<0.0030		0.0030		mg/L		02/11/25 09:31	02/13/25 21:24	1
Selenium	0.016		0.0025		mg/L		02/11/25 09:31	02/13/25 21:24	1
Thallium	<0.0020		0.0020		mg/L		02/11/25 09:31	02/13/25 21:24	1
Lithium	0.012	^5-	0.010		mg/L		02/11/25 09:31	02/14/25 15:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/06/25 16:00	02/10/25 11:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	17		1.0		mg/L			02/09/25 02:01	1
Sulfate (EPA 300.0)	290		10		mg/L			02/11/25 14:15	10
Total Dissolved Solids (SM 2540C)	760		10		mg/L			02/10/25 23:22	1
Fluoride (SM 4500 F C)	0.46		0.10		mg/L			02/07/25 13:53	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Client Sample ID: MW-06

Lab Sample ID: 500-263510-9

Date Collected: 02/05/25 09:20

Matrix: Water

Date Received: 02/06/25 09:18

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013		0.0010		mg/L		02/11/25 09:31	02/13/25 21:27	1
Boron	2.2	^5-	0.050		mg/L		02/11/25 09:31	02/18/25 13:04	1
Barium	0.085		0.0025		mg/L		02/11/25 09:31	02/13/25 21:27	1
Beryllium	<0.0010	^5- ^1+	0.0010		mg/L		02/11/25 09:31	02/13/25 21:27	1
Calcium	110		0.20		mg/L		02/11/25 09:31	02/13/25 21:27	1
Cadmium	<0.00050		0.00050		mg/L		02/11/25 09:31	02/13/25 21:27	1
Cobalt	<0.0010		0.0010		mg/L		02/11/25 09:31	02/13/25 21:27	1
Chromium	<0.0050		0.0050		mg/L		02/11/25 09:31	02/13/25 21:27	1
Molybdenum	0.024		0.0050		mg/L		02/11/25 09:31	02/13/25 21:27	1
Lead	<0.00050		0.00050		mg/L		02/11/25 09:31	02/13/25 21:27	1
Antimony	<0.0030		0.0030		mg/L		02/11/25 09:31	02/13/25 21:27	1
Selenium	0.027		0.0025		mg/L		02/11/25 09:31	02/13/25 21:27	1
Thallium	<0.0020		0.0020		mg/L		02/11/25 09:31	02/13/25 21:27	1
Lithium	0.014	^5-	0.010		mg/L		02/11/25 09:31	02/14/25 15:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/06/25 16:00	02/10/25 11:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	12		1.0		mg/L			02/09/25 02:16	1
Sulfate (EPA 300.0)	170		1.0		mg/L			02/09/25 02:16	1
Total Dissolved Solids (SM 2540C)	710		10		mg/L			02/10/25 23:24	1
Fluoride (SM 4500 F C)	0.32		0.10		mg/L			02/07/25 13:58	1

Definitions/Glossary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Qualifiers

Metals

Qualifier	Qualifier Description
^1+	Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.

General Chemistry

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Metals

Prep Batch: 805432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-1	MW-09	Total Recoverable	Water	3005A	
500-263510-2	MW-10	Total Recoverable	Water	3005A	
500-263510-3	MW-11	Total Recoverable	Water	3005A	
500-263510-4	MW-12	Total Recoverable	Water	3005A	
500-263510-5	2S/3S Duplicate	Total Recoverable	Water	3005A	
500-263510-6	MW-16	Total Recoverable	Water	3005A	
500-263510-7	MW-17	Total Recoverable	Water	3005A	
MB 500-805432/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-805432/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 805543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-1	MW-09	Total Recoverable	Water	6020B	805432
500-263510-2	MW-10	Total Recoverable	Water	6020B	805432
500-263510-3	MW-11	Total Recoverable	Water	6020B	805432
500-263510-4	MW-12	Total Recoverable	Water	6020B	805432
500-263510-5	2S/3S Duplicate	Total Recoverable	Water	6020B	805432
500-263510-6	MW-16	Total Recoverable	Water	6020B	805432
500-263510-7	MW-17	Total Recoverable	Water	6020B	805432
MB 500-805432/1-A	Method Blank	Total Recoverable	Water	6020B	805432
LCS 500-805432/2-A	Lab Control Sample	Total Recoverable	Water	6020B	805432

Prep Batch: 805559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-1	MW-09	Total/NA	Water	7470A	
500-263510-2	MW-10	Total/NA	Water	7470A	
500-263510-3	MW-11	Total/NA	Water	7470A	
500-263510-4	MW-12	Total/NA	Water	7470A	
500-263510-5	2S/3S Duplicate	Total/NA	Water	7470A	
500-263510-6	MW-16	Total/NA	Water	7470A	
500-263510-7	MW-17	Total/NA	Water	7470A	
500-263510-8	MW-05	Total/NA	Water	7470A	
500-263510-9	MW-06	Total/NA	Water	7470A	
MB 500-805559/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-805559/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-263510-3 MS	MW-11	Total/NA	Water	7470A	
500-263510-3 MSD	MW-11	Total/NA	Water	7470A	
500-263510-3 DU	MW-11	Total/NA	Water	7470A	

Analysis Batch: 805957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-1	MW-09	Total/NA	Water	7470A	805559
500-263510-2	MW-10	Total/NA	Water	7470A	805559
500-263510-3	MW-11	Total/NA	Water	7470A	805559
500-263510-4	MW-12	Total/NA	Water	7470A	805559
500-263510-5	2S/3S Duplicate	Total/NA	Water	7470A	805559
500-263510-6	MW-16	Total/NA	Water	7470A	805559
500-263510-7	MW-17	Total/NA	Water	7470A	805559
500-263510-8	MW-05	Total/NA	Water	7470A	805559
500-263510-9	MW-06	Total/NA	Water	7470A	805559
MB 500-805559/12-A	Method Blank	Total/NA	Water	7470A	805559

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QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Metals (Continued)

Analysis Batch: 805957 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-805559/13-A	Lab Control Sample	Total/NA	Water	7470A	805559
500-263510-3 MS	MW-11	Total/NA	Water	7470A	805559
500-263510-3 MSD	MW-11	Total/NA	Water	7470A	805559
500-263510-3 DU	MW-11	Total/NA	Water	7470A	805559

Prep Batch: 806078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-8	MW-05	Total Recoverable	Water	3005A	
500-263510-9	MW-06	Total Recoverable	Water	3005A	
MB 500-806078/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-806078/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 806557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-8	MW-05	Total Recoverable	Water	6020B	806078
500-263510-9	MW-06	Total Recoverable	Water	6020B	806078
MB 500-806078/1-A	Method Blank	Total Recoverable	Water	6020B	806078
LCS 500-806078/2-A	Lab Control Sample	Total Recoverable	Water	6020B	806078

Analysis Batch: 806703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-8	MW-05	Total Recoverable	Water	6020B	806078
500-263510-9	MW-06	Total Recoverable	Water	6020B	806078
MB 500-806078/1-A	Method Blank	Total Recoverable	Water	6020B	806078
LCS 500-806078/2-A	Lab Control Sample	Total Recoverable	Water	6020B	806078

Analysis Batch: 806806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-806078/1-A	Method Blank	Total Recoverable	Water	6020B	806078
LCS 500-806078/2-A	Lab Control Sample	Total Recoverable	Water	6020B	806078

Analysis Batch: 806880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-8	MW-05	Total Recoverable	Water	6020B	806078
500-263510-9	MW-06	Total Recoverable	Water	6020B	806078

General Chemistry

Analysis Batch: 805289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-1	MW-09	Total/NA	Water	SM 2540C	
500-263510-2	MW-10	Total/NA	Water	SM 2540C	
MB 500-805289/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-805289/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 805571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-3	MW-11	Total/NA	Water	SM 2540C	
500-263510-4	MW-12	Total/NA	Water	SM 2540C	
500-263510-5	2S/3S Duplicate	Total/NA	Water	SM 2540C	
500-263510-6	MW-16	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

General Chemistry (Continued)

Analysis Batch: 805571 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-7	MW-17	Total/NA	Water	SM 2540C	
MB 500-805571/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-805571/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 805605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-1	MW-09	Total/NA	Water	SM 4500 F C	
500-263510-2	MW-10	Total/NA	Water	SM 4500 F C	
500-263510-3	MW-11	Total/NA	Water	SM 4500 F C	
MB 500-805605/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-805605/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

Analysis Batch: 805714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-4	MW-12	Total/NA	Water	SM 4500 F C	
500-263510-5	2S/3S Duplicate	Total/NA	Water	SM 4500 F C	
500-263510-6	MW-16	Total/NA	Water	SM 4500 F C	
500-263510-7	MW-17	Total/NA	Water	SM 4500 F C	
500-263510-8	MW-05	Total/NA	Water	SM 4500 F C	
500-263510-9	MW-06	Total/NA	Water	SM 4500 F C	
MB 500-805714/3	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-805714/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-805714/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-805714/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-263510-7 MS	MW-17	Total/NA	Water	SM 4500 F C	
500-263510-7 MSD	MW-17	Total/NA	Water	SM 4500 F C	

Analysis Batch: 805763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-1	MW-09	Total/NA	Water	300.0	
500-263510-2	MW-10	Total/NA	Water	300.0	
500-263510-3	MW-11	Total/NA	Water	300.0	
500-263510-4	MW-12	Total/NA	Water	300.0	
MB 500-805763/3	Method Blank	Total/NA	Water	300.0	
LCS 500-805763/4	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 805765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-5	2S/3S Duplicate	Total/NA	Water	300.0	
500-263510-6	MW-16	Total/NA	Water	300.0	
500-263510-7	MW-17	Total/NA	Water	300.0	
500-263510-8	MW-05	Total/NA	Water	300.0	
500-263510-9	MW-06	Total/NA	Water	300.0	
MB 500-805765/3	Method Blank	Total/NA	Water	300.0	
LCS 500-805765/4	Lab Control Sample	Total/NA	Water	300.0	
500-263510-5 MS	2S/3S Duplicate	Total/NA	Water	300.0	
500-263510-5 MSD	2S/3S Duplicate	Total/NA	Water	300.0	

Analysis Batch: 806006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-8	MW-05	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

General Chemistry (Continued)

Analysis Batch: 806006 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-9	MW-06	Total/NA	Water	SM 2540C	
MB 500-806006/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-806006/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 806052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-8	MW-05	Total/NA	Water	300.0	
MB 500-806052/3	Method Blank	Total/NA	Water	300.0	
LCS 500-806052/4	Lab Control Sample	Total/NA	Water	300.0	

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-805432/1-A

Matrix: Water

Analysis Batch: 805543

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 805432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		02/05/25 14:45	02/06/25 11:19	1
Boron	<0.050		0.050		mg/L		02/05/25 14:45	02/06/25 11:19	1
Barium	<0.0025		0.0025		mg/L		02/05/25 14:45	02/06/25 11:19	1
Beryllium	<0.0010	^1+	0.0010		mg/L		02/05/25 14:45	02/06/25 11:19	1
Calcium	<0.20		0.20		mg/L		02/05/25 14:45	02/06/25 11:19	1
Cadmium	<0.00050		0.00050		mg/L		02/05/25 14:45	02/06/25 11:19	1
Cobalt	<0.0010		0.0010		mg/L		02/05/25 14:45	02/06/25 11:19	1
Chromium	<0.0050		0.0050		mg/L		02/05/25 14:45	02/06/25 11:19	1
Molybdenum	<0.0050		0.0050		mg/L		02/05/25 14:45	02/06/25 11:19	1
Lead	<0.00050		0.00050		mg/L		02/05/25 14:45	02/06/25 11:19	1
Antimony	<0.0030		0.0030		mg/L		02/05/25 14:45	02/06/25 11:19	1
Selenium	<0.0025		0.0025		mg/L		02/05/25 14:45	02/06/25 11:19	1
Thallium	<0.0020		0.0020		mg/L		02/05/25 14:45	02/06/25 11:19	1
Lithium	<0.010	^5-	0.010		mg/L		02/05/25 14:45	02/06/25 11:19	1

Lab Sample ID: LCS 500-805432/2-A

Matrix: Water

Analysis Batch: 805543

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 805432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0970		mg/L		97	80 - 120
Boron	1.00	1.01		mg/L		101	80 - 120
Barium	0.500	0.503		mg/L		101	80 - 120
Beryllium	0.0500	0.0515	^1+	mg/L		103	80 - 120
Calcium	10.0	9.17		mg/L		92	80 - 120
Cadmium	0.0500	0.0512		mg/L		102	80 - 120
Cobalt	0.500	0.523		mg/L		105	80 - 120
Chromium	0.200	0.206		mg/L		103	80 - 120
Molybdenum	1.00	0.973		mg/L		97	80 - 120
Lead	0.100	0.100		mg/L		100	80 - 120
Antimony	0.500	0.515		mg/L		103	80 - 120
Selenium	0.100	0.0998		mg/L		100	80 - 120
Thallium	0.100	0.102		mg/L		102	80 - 120
Lithium	0.100	0.102	^5-	mg/L		102	80 - 120

Lab Sample ID: MB 500-806078/1-A

Matrix: Water

Analysis Batch: 806557

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 806078

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		02/11/25 09:31	02/13/25 18:49	1
Calcium	<0.20		0.20		mg/L		02/11/25 09:31	02/13/25 18:49	1
Cadmium	<0.00050		0.00050		mg/L		02/11/25 09:31	02/13/25 18:49	1
Cobalt	<0.0010		0.0010		mg/L		02/11/25 09:31	02/13/25 18:49	1
Chromium	<0.0050		0.0050		mg/L		02/11/25 09:31	02/13/25 18:49	1
Molybdenum	<0.0050		0.0050		mg/L		02/11/25 09:31	02/13/25 18:49	1
Lead	<0.00050		0.00050		mg/L		02/11/25 09:31	02/13/25 18:49	1
Antimony	<0.0030		0.0030		mg/L		02/11/25 09:31	02/13/25 18:49	1
Thallium	<0.0020		0.0020		mg/L		02/11/25 09:31	02/13/25 18:49	1

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QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-806078/1-A
Matrix: Water
Analysis Batch: 806703

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 806078

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.0025		0.0025		mg/L		02/11/25 09:31	02/14/25 15:41	1
Lithium	<0.010		0.010		mg/L		02/11/25 09:31	02/14/25 15:41	1

Lab Sample ID: MB 500-806078/1-A
Matrix: Water
Analysis Batch: 806806

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 806078

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050		mg/L		02/11/25 09:31	02/17/25 14:22	1
Beryllium	<0.0010		0.0010		mg/L		02/11/25 09:31	02/17/25 14:22	1
Selenium	<0.0025		0.0025		mg/L		02/11/25 09:31	02/17/25 14:22	1

Lab Sample ID: LCS 500-806078/2-A
Matrix: Water
Analysis Batch: 806557

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 806078

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0957		mg/L		96	80 - 120
Calcium	10.0	8.00		mg/L		80	80 - 120
Cadmium	0.0500	0.0492		mg/L		98	80 - 120
Cobalt	0.500	0.495		mg/L		99	80 - 120
Chromium	0.200	0.201		mg/L		100	80 - 120
Molybdenum	1.00	0.930		mg/L		93	80 - 120
Lead	0.100	0.100		mg/L		100	80 - 120
Antimony	0.500	0.503		mg/L		101	80 - 120
Thallium	0.100	0.0986		mg/L		99	80 - 120

Lab Sample ID: LCS 500-806078/2-A
Matrix: Water
Analysis Batch: 806703

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 806078

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.500	0.516		mg/L		103	80 - 120
Lithium	0.100	0.0933		mg/L		93	80 - 120

Lab Sample ID: LCS 500-806078/2-A
Matrix: Water
Analysis Batch: 806806

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 806078

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.962		mg/L		96	80 - 120
Beryllium	0.0500	0.0490		mg/L		98	80 - 120
Selenium	0.100	0.0940		mg/L		94	80 - 120

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-805559/12-A
Matrix: Water
Analysis Batch: 805957

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 805559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		02/06/25 16:00	02/10/25 11:20	1

Lab Sample ID: LCS 500-805559/13-A
Matrix: Water
Analysis Batch: 805957

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 805559

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00192		mg/L		96	80 - 120

Lab Sample ID: 500-263510-3 MS
Matrix: Water
Analysis Batch: 805957

Client Sample ID: MW-11
Prep Type: Total/NA
Prep Batch: 805559

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000874		mg/L		87	75 - 125

Lab Sample ID: 500-263510-3 MSD
Matrix: Water
Analysis Batch: 805957

Client Sample ID: MW-11
Prep Type: Total/NA
Prep Batch: 805559

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.000895		mg/L		90	75 - 125	2	20

Lab Sample ID: 500-263510-3 DU
Matrix: Water
Analysis Batch: 805957

Client Sample ID: MW-11
Prep Type: Total/NA
Prep Batch: 805559

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	<0.00020		<0.00020		mg/L		NC	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-805763/3
Matrix: Water
Analysis Batch: 805763

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0		mg/L			02/08/25 15:33	1
Sulfate	<1.0		1.0		mg/L			02/08/25 15:33	1

Lab Sample ID: LCS 500-805763/4
Matrix: Water
Analysis Batch: 805763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	100	98.8		mg/L		99	90 - 110
Sulfate	100	102		mg/L		102	90 - 110

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QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 500-805765/3

Matrix: Water

Analysis Batch: 805765

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0		mg/L			02/09/25 00:13	1
Sulfate	<1.0		1.0		mg/L			02/09/25 00:13	1

Lab Sample ID: LCS 500-805765/4

Matrix: Water

Analysis Batch: 805765

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	100	102		mg/L		102	90 - 110
Sulfate	100	106		mg/L		106	90 - 110

Lab Sample ID: 500-263510-5 MS

Matrix: Water

Analysis Batch: 805765

Client Sample ID: 2S/3S Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	120		50.0	176		mg/L		107	80 - 120
Sulfate	320		50.0	377	4	mg/L		122	80 - 120

Lab Sample ID: 500-263510-5 MSD

Matrix: Water

Analysis Batch: 805765

Client Sample ID: 2S/3S Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	120		50.0	173		mg/L		100	80 - 120	2	20
Sulfate	320		50.0	369	4	mg/L		106	80 - 120	2	20

Lab Sample ID: MB 500-806052/3

Matrix: Water

Analysis Batch: 806052

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<1.0		1.0		mg/L			02/11/25 10:57	1

Lab Sample ID: LCS 500-806052/4

Matrix: Water

Analysis Batch: 806052

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	100	104		mg/L		104	90 - 110

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 500-805289/1

Matrix: Water

Analysis Batch: 805289

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			02/05/25 02:29	1

Eurofins Chicago

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 500-805289/2
Matrix: Water
Analysis Batch: 805289

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	252		mg/L		101	80 - 120

Lab Sample ID: MB 500-805571/1
Matrix: Water
Analysis Batch: 805571

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			02/07/25 03:49	1

Lab Sample ID: LCS 500-805571/2
Matrix: Water
Analysis Batch: 805571

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	270		mg/L		108	80 - 120

Lab Sample ID: MB 500-806006/1
Matrix: Water
Analysis Batch: 806006

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			02/10/25 22:41	1

Lab Sample ID: LCS 500-806006/2
Matrix: Water
Analysis Batch: 806006

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	252		mg/L		101	80 - 120

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-805605/3
Matrix: Water
Analysis Batch: 805605

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			02/06/25 12:41	1

Lab Sample ID: LCS 500-805605/4
Matrix: Water
Analysis Batch: 805605

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.87		mg/L		99	90 - 119

Eurofins Chicago

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: MB 500-805714/3

Matrix: Water

Analysis Batch: 805714

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			02/07/25 11:08	1

Lab Sample ID: MB 500-805714/31

Matrix: Water

Analysis Batch: 805714

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			02/07/25 13:15	1

Lab Sample ID: LCS 500-805714/32

Matrix: Water

Analysis Batch: 805714

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	10.0		mg/L		100	90 - 119

Lab Sample ID: LCS 500-805714/4

Matrix: Water

Analysis Batch: 805714

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	10.0		mg/L		100	90 - 119

Lab Sample ID: 500-263510-7 MS

Matrix: Water

Analysis Batch: 805714

Client Sample ID: MW-17

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.55		5.00	5.75		mg/L		104	75 - 125

Lab Sample ID: 500-263510-7 MSD

Matrix: Water

Analysis Batch: 805714

Client Sample ID: MW-17

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.55		5.00	5.75		mg/L		104	75 - 125	0	20

Eurofins Chicago

2417 Bond Street

University Park, IL 60484

Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>Tim Stohner</u>		Lab PM: Mockler, Diana J							
Client Contact: Mr Tim Stohner		Phone: <u>630-290-6850</u>		E-Mail: Diana.Mockler@et.eurofinsus.com							
Company: KPRG and Associates, Inc		PWSID:		500-263510 COC							
Address: 414 Plaza Drive Suite 106		Due Date Requested:		Analysis R							
City: Westmont		TAT Requested (days):		Preservation Codes:							
State Zip: IL, 60559		Compliance Project. ☐ Yes ☐ No		D HNO3							
Phone:		PO #: 4502187743		N None							
Email: tims@kprginc.com		WO #:		Job #: <u>500-263510</u>							
Project Name: Will County 2S/3S Event Desc: Quarterly GW Monitoring <u>CCR</u>		Project #: 50011609		Other:							
Site: Illinois		SSOW#:		Total Number of containers							
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_CL_E, SM4500_SO4_E	Special Instructions/Note:
				Preservation Code:							
MW-05					Water						
MW-06					Water						
1 MW-09		2-4-25	09:10	G	Water	N	N	X	X	X	5
2 MW-10		2-4-25	14:55	G	Water	N	N	X	X	X	5
3 MW-11		2-3-25	14:23	G	Water	N	N	X	X	X	5
4 MW-12		2-3-25	10:46	G	Water	N	N	X	X	X	5
5 2S/3S Duplicate		2-3-25		G	Water	N	N	X	X	X	5
6 MW-16		2-3-25	13:26	G	Water	N	N	X	X	X	5
7 MW-17		2-3-25	11:55	G	Water	N	N	X	X	X	5
Possible Hazard Identification											
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological											
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)											
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months											
Deliverable Requested I, II, III, IV, Other (specify)											
Special Instructions/QC Requirements											
Empty Kit Relinquished by											
Date											
Time											
Method of Shipment:											
Relinquished by: <u>[Signature]</u>		Date/Time: <u>2-4-25 16:30</u>		Company: <u>KPRG</u>		Received by: <u>[Signature]</u>		Date/Time: <u>2/4/25 1630</u>		Company: <u>EPA</u>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>11-20.8, 2.8-7.2, 0.4-7.0</u>							

eurofins | Environment Testing

Ver: 04/02/2024/18/2025



Client Information (Sub Contract Lab)			Sampler: N/A		Lab PM: Mockler, Diana J		Carrier Tracking No(s): 500-198022.1	
Client Contact: Shipping/Receiving			Phone: N/A		E-Mail: Diana.Mockler@et.eurofinsus.com		Page: Page 1 of 1	
Company: TestAmerica Laboratories, Inc.			City: Earth City		State of Origin: Illinois		Job #: 500-263510-2	
Address: 13715 Rider Trail North,			Due Date Requested: 3/6/2025		Accreditations Required (See note): NELAP - Illinois		Preservation Codes:	
City: Earth City			TAT Requested (days): N/A		Matrix: N/A		Analysis Requested	
State, Zip: MO, 63045			PO #: N/A		Sample Type: N/A		Total Number of Containers	
Phone: 314-298-8566(Tel) 314-298-8757(Fax)			WO #: N/A		Sample Time: N/A		Other: N/A	
Email: N/A			Project #: 50011609		Sample Date: N/A		Special Instructions/Note:	
Site: NRG Midwest Generation Will County			SSOW#: N/A		Sample Time: N/A		Special Instructions/Note:	
Project Name: Will County CCR (RAD)			Sample Date: N/A		Sample Time: N/A		Special Instructions/Note:	
Site: NRG Midwest Generation Will County			Sample Date: N/A		Sample Time: N/A		Special Instructions/Note:	
Sample Identification - Client ID (Lab ID)			Sample Date		Sample Time		Special Instructions/Note:	
MW-09 (500-263510-1)			2/4/25		09:10 Central		Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume;	
MW-10 (500-263510-2)			2/4/25		14:55 Central		Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume;	
MW-11 (500-263510-3)			2/3/25		14:23 Central		Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume;	
MW-12 (500-263510-4)			2/3/25		10:46 Central		Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume;	
2S/3S Duplicate (500-263510-5)			2/3/25		Central		Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume;	
MW-16 (500-263510-6)			2/3/25		13:26 Central		Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume;	
MW-17 (500-263510-7)			2/3/25		11:55 Central		Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume;	
Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontractor laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago								
Possible Hazard Identification								
Unconfirmed								
Deliverable Requested: I, II, III, IV, Other (specify)			Primary Deliverable Rank: 2					
Empty Kit Relinquished by:			Date:		Time:			
Relinquished by: <i>[Signature]</i>			Date/Time: 2/5/25 1430		Company: Company			
Relinquished by:			Date/Time:		Company: Company			
Relinquished by:			Date/Time:		Company: Company			
Custody Seals Intact: <i>[Signature]</i>			Custody Seal No.:					
A Yes A No								

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-263510-1

Login Number: 263510

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.8,2.7,-0.7 Samples not frozen,-0.8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Client Sample ID: MW-09

Date Collected: 02/04/25 09:10

Date Received: 02/04/25 16:30

Lab Sample ID: 500-263510-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			805432	S1Z	EET CHI	02/05/25 14:45 - 02/05/25 20:45 ¹
Total Recoverable	Analysis	6020B		1	805543	RN	EET CHI	02/06/25 11:57
Total/NA	Prep	7470A			805559	S1Z	EET CHI	02/06/25 16:00 - 02/06/25 18:00 ¹
Total/NA	Analysis	7470A		1	805957	MJG	EET CHI	02/10/25 11:28
Total/NA	Analysis	300.0		10	805763	MM	EET CHI	02/08/25 20:09
Total/NA	Analysis	SM 2540C		1	805289	CLB	EET CHI	02/05/25 03:23
Total/NA	Analysis	SM 4500 F C		1	805605	SO	EET CHI	02/06/25 14:37

Client Sample ID: MW-10

Date Collected: 02/04/25 14:55

Date Received: 02/04/25 16:30

Lab Sample ID: 500-263510-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			805432	S1Z	EET CHI	02/05/25 14:45 - 02/05/25 20:45 ¹
Total Recoverable	Analysis	6020B		1	805543	RN	EET CHI	02/06/25 12:00
Total/NA	Prep	7470A			805559	S1Z	EET CHI	02/06/25 16:00 - 02/06/25 18:00 ¹
Total/NA	Analysis	7470A		1	805957	MJG	EET CHI	02/10/25 11:31
Total/NA	Analysis	300.0		10	805763	MM	EET CHI	02/08/25 20:24
Total/NA	Analysis	SM 2540C		1	805289	CLB	EET CHI	02/05/25 03:25
Total/NA	Analysis	SM 4500 F C		1	805605	SO	EET CHI	02/06/25 14:41

Client Sample ID: MW-11

Date Collected: 02/03/25 14:23

Date Received: 02/04/25 16:30

Lab Sample ID: 500-263510-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			805432	S1Z	EET CHI	02/05/25 14:45 - 02/05/25 20:45 ¹
Total Recoverable	Analysis	6020B		1	805543	RN	EET CHI	02/06/25 12:02
Total/NA	Prep	7470A			805559	S1Z	EET CHI	02/06/25 16:00 - 02/06/25 18:00 ¹
Total/NA	Analysis	7470A		1	805957	MJG	EET CHI	02/10/25 11:37
Total/NA	Analysis	300.0		10	805763	MM	EET CHI	02/08/25 20:39
Total/NA	Analysis	SM 2540C		1	805571	CLB	EET CHI	02/07/25 04:09
Total/NA	Analysis	SM 4500 F C		1	805605	SO	EET CHI	02/06/25 14:46

Client Sample ID: MW-12

Date Collected: 02/03/25 10:46

Date Received: 02/04/25 16:30

Lab Sample ID: 500-263510-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			805432	S1Z	EET CHI	02/05/25 14:45 - 02/05/25 20:45 ¹
Total Recoverable	Analysis	6020B		1	805543	RN	EET CHI	02/06/25 12:05
Total/NA	Prep	7470A			805559	S1Z	EET CHI	02/06/25 16:00 - 02/06/25 18:00 ¹
Total/NA	Analysis	7470A		1	805957	MJG	EET CHI	02/10/25 11:46
Total/NA	Analysis	300.0		10	805763	MM	EET CHI	02/08/25 20:54

Eurofins Chicago

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Client Sample ID: MW-12

Date Collected: 02/03/25 10:46

Date Received: 02/04/25 16:30

Lab Sample ID: 500-263510-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 2540C		1	805571	CLB	EET CHI	02/07/25 04:12
Total/NA	Analysis	SM 4500 F C		1	805714	SO	EET CHI	02/07/25 13:06

Client Sample ID: 2S/3S Duplicate

Date Collected: 02/03/25 00:00

Date Received: 02/04/25 16:30

Lab Sample ID: 500-263510-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			805432	S1Z	EET CHI	02/05/25 14:45 - 02/05/25 20:45 ¹
Total Recoverable	Analysis	6020B		1	805543	RN	EET CHI	02/06/25 12:07
Total/NA	Prep	7470A			805559	S1Z	EET CHI	02/06/25 16:00 - 02/06/25 18:00 ¹
Total/NA	Analysis	7470A		1	805957	MJG	EET CHI	02/10/25 11:48
Total/NA	Analysis	300.0		5	805765	MM	EET CHI	02/09/25 00:44
Total/NA	Analysis	SM 2540C		1	805571	CLB	EET CHI	02/07/25 04:14
Total/NA	Analysis	SM 4500 F C		1	805714	SO	EET CHI	02/07/25 13:11

Client Sample ID: MW-16

Date Collected: 02/03/25 13:26

Date Received: 02/04/25 16:30

Lab Sample ID: 500-263510-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			805432	S1Z	EET CHI	02/05/25 14:45 - 02/05/25 20:45 ¹
Total Recoverable	Analysis	6020B		1	805543	RN	EET CHI	02/06/25 12:10
Total/NA	Prep	7470A			805559	S1Z	EET CHI	02/06/25 16:00 - 02/06/25 18:00 ¹
Total/NA	Analysis	7470A		1	805957	MJG	EET CHI	02/10/25 11:51
Total/NA	Analysis	300.0		5	805765	MM	EET CHI	02/09/25 01:30
Total/NA	Analysis	SM 2540C		1	805571	CLB	EET CHI	02/07/25 04:17
Total/NA	Analysis	SM 4500 F C		1	805714	SO	EET CHI	02/07/25 13:25

Client Sample ID: MW-17

Date Collected: 02/03/25 11:55

Date Received: 02/04/25 16:30

Lab Sample ID: 500-263510-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			805432	S1Z	EET CHI	02/05/25 14:45 - 02/05/25 20:45 ¹
Total Recoverable	Analysis	6020B		1	805543	RN	EET CHI	02/06/25 12:12
Total/NA	Prep	7470A			805559	S1Z	EET CHI	02/06/25 16:00 - 02/06/25 18:00 ¹
Total/NA	Analysis	7470A		1	805957	MJG	EET CHI	02/10/25 11:53
Total/NA	Analysis	300.0		10	805765	MM	EET CHI	02/09/25 01:45
Total/NA	Analysis	SM 2540C		1	805571	CLB	EET CHI	02/07/25 04:20
Total/NA	Analysis	SM 4500 F C		1	805714	SO	EET CHI	02/07/25 13:30

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-263510-1

Client Sample ID: MW-05

Date Collected: 02/05/25 10:19

Date Received: 02/06/25 09:18

Lab Sample ID: 500-263510-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			806078	BDE	EET CHI	02/11/25 09:31 - 02/11/25 15:31 ¹
Total Recoverable	Analysis	6020B		1	806557	S1Z	EET CHI	02/13/25 21:24
Total Recoverable	Prep	3005A			806078	BDE	EET CHI	02/11/25 09:31 - 02/11/25 15:31 ¹
Total Recoverable	Analysis	6020B		1	806703	S1Z	EET CHI	02/14/25 15:48
Total Recoverable	Prep	3005A			806078	BDE	EET CHI	02/11/25 09:31 - 02/11/25 15:31 ¹
Total Recoverable	Analysis	6020B		1	806880	S1Z	EET CHI	02/18/25 13:01
Total/NA	Prep	7470A			805559	S1Z	EET CHI	02/06/25 16:00 - 02/06/25 18:00 ¹
Total/NA	Analysis	7470A		1	805957	MJG	EET CHI	02/10/25 11:55
Total/NA	Analysis	300.0		1	805765	MM	EET CHI	02/09/25 02:01
Total/NA	Analysis	300.0		10	806052	MM	EET CHI	02/11/25 14:15
Total/NA	Analysis	SM 2540C		1	806006	CLB	EET CHI	02/10/25 23:22
Total/NA	Analysis	SM 4500 F C		1	805714	SO	EET CHI	02/07/25 13:53

Client Sample ID: MW-06

Date Collected: 02/05/25 09:20

Date Received: 02/06/25 09:18

Lab Sample ID: 500-263510-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			806078	BDE	EET CHI	02/11/25 09:31 - 02/11/25 15:31 ¹
Total Recoverable	Analysis	6020B		1	806557	S1Z	EET CHI	02/13/25 21:27
Total Recoverable	Prep	3005A			806078	BDE	EET CHI	02/11/25 09:31 - 02/11/25 15:31 ¹
Total Recoverable	Analysis	6020B		1	806703	S1Z	EET CHI	02/14/25 15:51
Total Recoverable	Prep	3005A			806078	BDE	EET CHI	02/11/25 09:31 - 02/11/25 15:31 ¹
Total Recoverable	Analysis	6020B		1	806880	S1Z	EET CHI	02/18/25 13:04
Total/NA	Prep	7470A			805559	S1Z	EET CHI	02/06/25 16:00 - 02/06/25 18:00 ¹
Total/NA	Analysis	7470A		1	805957	MJG	EET CHI	02/10/25 11:57
Total/NA	Analysis	300.0		1	805765	MM	EET CHI	02/09/25 02:16
Total/NA	Analysis	SM 2540C		1	806006	CLB	EET CHI	02/10/25 23:24
Total/NA	Analysis	SM 4500 F C		1	805714	SO	EET CHI	02/07/25 13:58

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

ANALYTICAL REPORT

PREPARED FOR

Attn: James Thorne
Midwest Generation EME LLC
1800 Channahon Road
Joliet, Illinois 60436

Generated 3/10/2025 3:41:57 PM

JOB DESCRIPTION

Will County CCR (RAD)

JOB NUMBER

500-263510-2

Eurofins Chicago

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



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Authorized for release by
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Case Narrative

Client: Midwest Generation EME LLC
Project: Will County CCR (RAD)

Job ID: 500-263510-2

Job ID: 500-263510-2

Eurofins Chicago

Job Narrative 500-263510-2

Receipt

The samples were received on 2/4/2025 4:30 PM and 2/6/2025 9:18 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were -0.8°C, -0.7°C, 0.8°C and 2.7°C.

Gas Flow Proportional Counter

Method 903.0: Radium 226 Batch 702044

The laboratory control sample (LCS) recovery is outside the upper QC limit indicating a potential positive bias for that analyte. This analyte was not observed above the RL in the associated samples; therefore the sample data is not adversely affected by this excursion. The data have been reported with this narrative. (LCS 160-702044/2-A)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Chicago

Method Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Method	Method Description	Protocol	Laboratory
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-263510-1	MW-09	Water	02/04/25 09:10	02/04/25 16:30
500-263510-2	MW-10	Water	02/04/25 14:55	02/04/25 16:30
500-263510-3	MW-11	Water	02/03/25 14:23	02/04/25 16:30
500-263510-4	MW-12	Water	02/03/25 10:46	02/04/25 16:30
500-263510-5	2S/3S Duplicate	Water	02/03/25 00:00	02/04/25 16:30
500-263510-6	MW-16	Water	02/03/25 13:26	02/04/25 16:30
500-263510-7	MW-17	Water	02/03/25 11:55	02/04/25 16:30
500-263510-8	MW-05	Water	02/05/25 10:19	02/06/25 09:18
500-263510-9	MW-06	Water	02/05/25 09:20	02/06/25 09:18

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Client Sample ID: MW-09

Lab Sample ID: 500-263510-1

Date Collected: 02/04/25 09:10

Matrix: Water

Date Received: 02/04/25 16:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0751	U *	0.106	0.106	1.00	0.179	pCi/L	02/07/25 07:47	03/03/25 09:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.0		30 - 110					02/07/25 07:47	03/03/25 09:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.158	U	0.304	0.304	1.00	0.611	pCi/L	02/07/25 07:56	02/27/25 12:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.0		30 - 110					02/07/25 07:56	02/27/25 12:30	1
Y Carrier	84.1		30 - 110					02/07/25 07:56	02/27/25 12:30	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.0829	U	0.322	0.322	5.00	0.611	pCi/L		03/04/25 16:48	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Client Sample ID: MW-10

Lab Sample ID: 500-263510-2

Date Collected: 02/04/25 14:55

Matrix: Water

Date Received: 02/04/25 16:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.479	*	0.170	0.175	1.00	0.174	pCi/L	02/07/25 07:47	03/03/25 09:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.1		30 - 110					02/07/25 07:47	03/03/25 09:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.34		0.526	0.540	1.00	0.653	pCi/L	02/07/25 07:56	02/27/25 12:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.1		30 - 110					02/07/25 07:56	02/27/25 12:30	1
Y Carrier	72.9		30 - 110					02/07/25 07:56	02/27/25 12:30	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.82		0.553	0.568	5.00	0.653	pCi/L		03/04/25 16:48	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Client Sample ID: MW-11

Lab Sample ID: 500-263510-3

Date Collected: 02/03/25 14:23

Matrix: Water

Date Received: 02/04/25 16:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.368	*	0.153	0.157	1.00	0.175	pCi/L	02/07/25 07:47	03/03/25 09:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.4		30 - 110					02/07/25 07:47	03/03/25 09:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.10		0.515	0.525	1.00	0.715	pCi/L	02/07/25 07:56	02/27/25 12:30	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.4		30 - 110					02/07/25 07:56	02/27/25 12:30	1
Y Carrier	79.6		30 - 110					02/07/25 07:56	02/27/25 12:30	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.47		0.537	0.548	5.00	0.715	pCi/L		03/04/25 16:48	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Client Sample ID: MW-12

Lab Sample ID: 500-263510-4

Date Collected: 02/03/25 10:46

Matrix: Water

Date Received: 02/04/25 16:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.179	*	0.107	0.108	1.00	0.135	pCi/L	02/07/25 07:47	03/03/25 09:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.5		30 - 110					02/07/25 07:47	03/03/25 09:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.292	U	0.388	0.389	1.00	0.648	pCi/L	02/07/25 07:56	02/27/25 12:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.5		30 - 110					02/07/25 07:56	02/27/25 12:24	1
Y Carrier	81.5		30 - 110					02/07/25 07:56	02/27/25 12:24	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.471	U	0.402	0.404	5.00	0.648	pCi/L		03/04/25 16:48	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Client Sample ID: 2S/3S Duplicate

Lab Sample ID: 500-263510-5

Date Collected: 02/03/25 00:00

Matrix: Water

Date Received: 02/04/25 16:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.640	*	0.174	0.183	1.00	0.129	pCi/L	02/07/25 07:47	03/03/25 09:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110					02/07/25 07:47	03/03/25 09:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.441	U	0.383	0.385	1.00	0.605	pCi/L	02/07/25 07:56	02/27/25 12:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110					02/07/25 07:56	02/27/25 12:24	1
Y Carrier	80.0		30 - 110					02/07/25 07:56	02/27/25 12:24	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.08		0.421	0.426	5.00	0.605	pCi/L		03/04/25 16:48	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Client Sample ID: MW-16

Lab Sample ID: 500-263510-6

Date Collected: 02/03/25 13:26

Matrix: Water

Date Received: 02/04/25 16:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.211	*	0.113	0.114	1.00	0.134	pCi/L	02/07/25 07:47	03/03/25 09:59	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.2		30 - 110					02/07/25 07:47	03/03/25 09:59	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.352	U	0.384	0.385	1.00	0.625	pCi/L	02/07/25 07:56	02/27/25 12:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.2		30 - 110					02/07/25 07:56	02/27/25 12:24	1
Y Carrier	72.1		30 - 110					02/07/25 07:56	02/27/25 12:24	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.564	U	0.400	0.402	5.00	0.625	pCi/L		03/04/25 16:48	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Client Sample ID: MW-17

Lab Sample ID: 500-263510-7

Date Collected: 02/03/25 11:55

Matrix: Water

Date Received: 02/04/25 16:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.512		0.173	0.179	1.00	0.162	pCi/L	02/13/25 08:11	03/07/25 17:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.3		30 - 110					02/13/25 08:11	03/07/25 17:36	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.615		0.371	0.376	1.00	0.531	pCi/L	02/13/25 08:17	03/04/25 12:11	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.3		30 - 110					02/13/25 08:17	03/04/25 12:11	1
Y Carrier	79.3		30 - 110					02/13/25 08:17	03/04/25 12:11	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.13		0.409	0.416	5.00	0.531	pCi/L		03/10/25 12:32	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Client Sample ID: MW-05

Date Collected: 02/05/25 10:19

Date Received: 02/06/25 09:18

Lab Sample ID: 500-263510-8

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0500	U	0.123	0.123	1.00	0.222	pCi/L	02/13/25 08:11	03/07/25 17:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		30 - 110					02/13/25 08:11	03/07/25 17:36	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.457	U	0.396	0.398	1.00	0.625	pCi/L	02/13/25 08:17	03/04/25 12:21	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		30 - 110					02/13/25 08:17	03/04/25 12:21	1
Y Carrier	78.5		30 - 110					02/13/25 08:17	03/04/25 12:21	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.507	U	0.415	0.417	5.00	0.625	pCi/L		03/10/25 12:32	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Client Sample ID: MW-06

Lab Sample ID: 500-263510-9

Date Collected: 02/05/25 09:20

Matrix: Water

Date Received: 02/06/25 09:18

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.234		0.112	0.114	1.00	0.130	pCi/L	02/11/25 07:12	03/05/25 10:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.6		30 - 110					02/11/25 07:12	03/05/25 10:25	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.343	U	0.365	0.366	1.00	0.591	pCi/L	02/11/25 07:15	02/27/25 12:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.6		30 - 110					02/11/25 07:15	02/27/25 12:18	1
Y Carrier	83.0		30 - 110					02/11/25 07:15	02/27/25 12:18	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.577	U	0.382	0.383	5.00	0.591	pCi/L		03/06/25 11:20	1

Definitions/Glossary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Qualifiers

Rad

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Rad

Prep Batch: 702044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-1	MW-09	Total/NA	Water	PrecSep-21	
500-263510-2	MW-10	Total/NA	Water	PrecSep-21	
500-263510-3	MW-11	Total/NA	Water	PrecSep-21	
500-263510-4	MW-12	Total/NA	Water	PrecSep-21	
500-263510-5	2S/3S Duplicate	Total/NA	Water	PrecSep-21	
500-263510-6	MW-16	Total/NA	Water	PrecSep-21	
MB 160-702044/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-702044/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 702045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-1	MW-09	Total/NA	Water	PrecSep_0	
500-263510-2	MW-10	Total/NA	Water	PrecSep_0	
500-263510-3	MW-11	Total/NA	Water	PrecSep_0	
500-263510-4	MW-12	Total/NA	Water	PrecSep_0	
500-263510-5	2S/3S Duplicate	Total/NA	Water	PrecSep_0	
500-263510-6	MW-16	Total/NA	Water	PrecSep_0	
MB 160-702045/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-702045/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 702327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-9	MW-06	Total/NA	Water	PrecSep-21	
MB 160-702327/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-702327/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 702328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-9	MW-06	Total/NA	Water	PrecSep_0	
MB 160-702328/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-702328/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 702745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-7	MW-17	Total/NA	Water	PrecSep-21	
500-263510-8	MW-05	Total/NA	Water	PrecSep-21	
MB 160-702745/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-702745/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-263510-7 DU	MW-17	Total/NA	Water	PrecSep-21	

Prep Batch: 702746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-263510-7	MW-17	Total/NA	Water	PrecSep_0	
500-263510-8	MW-05	Total/NA	Water	PrecSep_0	
MB 160-702746/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-702746/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-263510-7 DU	MW-17	Total/NA	Water	PrecSep_0	

Eurofins Chicago

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-702044/1-A

Matrix: Water

Analysis Batch: 705675

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 702044

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.01849	U	0.0616	0.0616	1.00	0.142	pCi/L	02/07/25 07:47	03/03/25 07:58	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.3		30 - 110					02/07/25 07:47	03/03/25 07:58	1

Lab Sample ID: LCS 160-702044/2-A

Matrix: Water

Analysis Batch: 705677

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 702044

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	12.43	*	1.41	1.00	0.185	pCi/L	130	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	87.2		30 - 110							

Lab Sample ID: MB 160-702327/1-A

Matrix: Water

Analysis Batch: 706177

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 702327

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.009114	U	0.0607	0.0607	1.00	0.132	pCi/L	02/11/25 07:12	03/05/25 07:37	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.7		30 - 110					02/11/25 07:12	03/05/25 07:37	1

Lab Sample ID: LCS 160-702327/2-A

Matrix: Water

Analysis Batch: 706177

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 702327

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.284		1.02	1.00	0.163	pCi/L	97	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	85.7		30 - 110							

Lab Sample ID: MB 160-702745/1-A

Matrix: Water

Analysis Batch: 706560

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 702745

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.003075	U	0.00639	0.00640	1.00	0.0153	pCi/L	02/13/25 08:11	03/07/25 17:32	1

Eurofins Chicago

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: MB 160-702745/1-A
Matrix: Water
Analysis Batch: 706560

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702745

	MB	MB									
Carrier	%Yield	Qualifier	Limits						Prepared	Analyzed	Dil Fac
Ba Carrier	90.5		30 - 110						02/13/25 08:11	03/07/25 17:32	1

Lab Sample ID: LCS 160-702745/2-A
Matrix: Water
Analysis Batch: 706560

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702745

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226		0.948	0.8146		0.0975	1.00	0.0193	pCi/L	86	75 - 125		

	LCS	LCS		
Carrier	%Yield	Qualifier	Limits	
Ba Carrier	85.3		30 - 110	

Lab Sample ID: 500-263510-7 DU
Matrix: Water
Analysis Batch: 706560

Client Sample ID: MW-17
Prep Type: Total/NA
Prep Batch: 702745

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	Limit
Radium-226	0.512		0.4252		0.163	1.00	0.165	pCi/L			0.26	1

	DU	DU		
Carrier	%Yield	Qualifier	Limits	
Ba Carrier	90.8		30 - 110	

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-702045/1-A
Matrix: Water
Analysis Batch: 705085

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702045

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4821	U	0.355	0.357	1.00	0.535	pCi/L	02/07/25 07:56	02/27/25 12:28	1

	MB	MB									
Carrier	%Yield	Qualifier	Limits						Prepared	Analyzed	Dil Fac
Ba Carrier	91.3		30 - 110						02/07/25 07:56	02/27/25 12:28	1
Y Carrier	77.4		30 - 110						02/07/25 07:56	02/27/25 12:28	1

Lab Sample ID: LCS 160-702045/2-A
Matrix: Water
Analysis Batch: 705085

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702045

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228		8.06	8.810		1.27	1.00	0.523	pCi/L	109	75 - 125		

Eurofins Chicago

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-702045/2-A
Matrix: Water
Analysis Batch: 705085

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702045

LCS LCS			
Carrier	%Yield	Qualifier	Limits
Ba Carrier	87.2		30 - 110
Y Carrier	78.5		30 - 110

Lab Sample ID: MB 160-702328/1-A
Matrix: Water
Analysis Batch: 705036

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702328

MB MB		Count	Total							
Analyte	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.09046	U	0.345	0.346	1.00	0.671	pCi/L	02/11/25 07:15	02/27/25 12:16	1
MB MB										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	82.7		30 - 110							
Y Carrier	77.0		30 - 110							

Lab Sample ID: LCS 160-702328/2-A
Matrix: Water
Analysis Batch: 705036

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702328

LCS LCS		Spike	LCS	LCS	Total					
Analyte	Result	Added	Result	Qual	Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	Limits
Radium-228		8.06	8.288		1.24	1.00	0.602	pCi/L	103	75 - 125
LCS LCS										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	85.7		30 - 110							
Y Carrier	78.1		30 - 110							

Lab Sample ID: MB 160-702746/1-A
Matrix: Water
Analysis Batch: 705882

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 702746

MB MB		Count	Total							
Analyte	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.01296	U	0.0237	0.0238	1.00	0.0494	pCi/L	02/13/25 08:17	03/04/25 12:11	1
MB MB										
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	90.5		30 - 110							
Y Carrier	81.1		30 - 110							

Lab Sample ID: LCS 160-702746/2-A
Matrix: Water
Analysis Batch: 705882

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702746

LCS LCS		Spike	LCS	LCS	Total					
Analyte	Result	Added	Result	Qual	Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	Limits
Radium-228		0.797	0.7327		0.111	1.00	0.0528	pCi/L	92	75 - 125

Eurofins Chicago

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-702746/2-A
Matrix: Water
Analysis Batch: 705882

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702746

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	85.3		30 - 110
Y Carrier	79.6		30 - 110

Lab Sample ID: 500-263510-7 DU
Matrix: Water
Analysis Batch: 705883

Client Sample ID: MW-17
Prep Type: Total/NA
Prep Batch: 702746

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	Limit
Radium-228	0.615		0.8842		0.406	1.00	0.530	pCi/L	0.34	1
	DU	DU								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	90.8		30 - 110							
Y Carrier	80.4		30 - 110							

2417 Bond Street
University Park, IL 60484
Phone 708-534-5200 Fax 708-534-5211

eurofins | Environment Testing

Ver: 10/10/2024 3/10/2025

Eurofins Chicago

2417 Bond Street

University Park, IL 60484

Phone 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>Jan John Holkeon</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-126447-48726 1						
Client Contact: Mr Tim Stohner		Phone: <u>630 290 6850</u>		E-Mail: Diana Mockler@et.eurofins.com		State of Origin:		Page 1 of 1						
Company: KPRG and Associates, Inc.		PWSID:		Analysis Requested						Job #: <u>500-263510</u>				
Address: 414 Plaza Drive Suite 106		Due Date Requested:		Field Filtered Sample (Yes or No) <table border="1"><tr><td>903.0, 904.0</td><td>6010C, 6020A, 7470A</td><td>2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E</td></tr></table>						903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Preservation Codes: D - HNO3 N - None	
903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E												
City: Westmont		TAT Requested (days):												
State, Zip: IL, 60559		Compliance Project: ☐ Yes ☐ No												
Phone:		PO #: 4502116506												
Email: tims@kprginc.com		WO #:		Total Number of Containers						Other:				
Project Name: Will County 2S/3S Event Desc Quarterly GW Monitoring <u>CCR</u>		Project #: 50011809												
Site: Illinois		SSOW#:												
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Special Instructions/Note:				
MW-05		2-5-25		10:19		G		Water		5				
MW-06		2-5-25		09:20		G		Water		5				
MW-09		—		—		—		Water						
MW-10		—		—		—		Water						
MW-11		—		—		—		Water						
MW-12		—		—		—		Water						
2S/3S Duplicate		—		—		—		Water						
MW-16		—		—		—		Water						
MW-17		—		—		—		Water						
—		—		—		—								
—		—		—		—								
—		—		—		—								
Possible Hazard Identification														
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological														
Deliverable Requested I, II, III, IV, Other (specify)						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)								
						☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months								
Empty Kit Relinquished by:						Special Instructions/QC Requirements								
Relinquished by:		Date/Time		Company		Received by:		Date/Time		Company				
<u>[Signature]</u>		2-6-25 09:18		KPRG		Stephanie Hernandez		2/6/25 0918		EETA				
Relinquished by:		Date/Time:		Company		Received by:		Date/Time:		Company				
Relinquished by:		Date/Time		Company		Received by:		Date/Time:		Company				
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No				Cooler Temperature(s) °C and Other Remarks: <u>0.5 → 0.8</u>								

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Phone: 708-534-5200 Fax: 708-534-5211



Client Information	(Sub Contract Lab)	Sampler N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s) N/A	COC No. 500-198022.1
Client Contact:	Shipping/Receiving	Phone: N/A	E-Mail: Diana Mockler@et.eurofins.com	State of Origin: Illinois	Page Page 1 of 1
Company:	TestAmerica Laboratories, Inc.	Accreditations Required (See note) NELAP - Illinois			
Address:	13715 Rider Trail North,	Due Date Requested: 3/6/2025			
City:	Earth City	TAT Requested (days): N/A			
State, Zip:	MO, 63045	PO #	N/A		
Phone	314-298-8566(Tel) 314-298-8757(Fax)	WO #	N/A		
Email		Project #	50011609		
Site:	NRG Midwest Generation Will County	SSOW#	N/A		

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=other, T=tissue, A=air)	Field Filtered Sample (Yes or No)		Performance MS/MSD (Yes or No)		903.0/PrecSep_21 Standard Target List		904.0/PrecSep_0 Standard Target List		RaZ26RaZ28_GFPc	Total Number of containers	Special Instructions/Note:
					Preservation Code:										
MW-09 (500-263510-1)	2/4/25	09:10 Central	G	Water	X		X		X		X		3	Batch QC must be performed (dup. spikes, etc.) - no NCMs concerning limited volume;	
MW-10 (500-263510-2)	2/4/25	14:55 Central	G	Water	X		X		X		X		3	Batch QC must be performed (dup. spikes, etc.) - no NCMs concerning limited volume;	
MW-11 (500-263510-3)	2/3/25	14:23 Central	G	Water	X		X		X		X		3	Batch QC must be performed (dup. spikes, etc.) - no NCMs concerning limited volume;	
MW-12 (500-263510-4)	2/3/25	10:46 Central	G	Water	X		X		X		X		3	Batch QC must be performed (dup. spikes, etc.) - no NCMs concerning limited volume;	
2S/JS Duplicate (500-263510-5)	2/3/25	Central	G	Water	X		X		X		X		3	Batch QC must be performed (dup. spikes, etc.) - no NCMs concerning limited volume;	
MW-16 (500-263510-6)	2/3/25	13:26 Central	G	Water	X		X		X		X		3	Batch QC must be performed (dup. spikes, etc.) - no NCMs concerning limited volume;	
MW-17 (500-263510-7)	2/3/25	11:55 Central	G	Water	X		X		X		X		3	Batch QC must be performed (dup. spikes, etc.) - no NCMs concerning limited volume;	

Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.

Possible Hazard Identification	Unconfirmed	
Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliverable Rank: 2	Date:
Empty Kit Relinquished by:	Date:	Time:
Relinquished by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:
Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No.: 137	

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
☐ Return To Client	☐ Disposal By Lab
Special Instructions/QC Requirements:	
Archive For _____ Months	

Date/Time:	Received by:	Company:
08/30 FEB 06 2025	Cheyenne Forrest	Cheyenne Forrest Company
Date/Time:	Received by:	Company:

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-263510-2

Login Number: 263510

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.8,2.7,-0.7 Samples not frozen,-0.8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-263510-2

Login Number: 263510

List Number: 2

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 02/06/25 12:24 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-263510-2

Login Number: 263510

List Number: 3

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 02/07/25 01:39 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Client Sample ID: MW-09

Date Collected: 02/04/25 09:10

Date Received: 02/04/25 16:30

Lab Sample ID: 500-263510-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			702044	OGC	EET SL	02/07/25 07:47
Total/NA	Analysis	903.0		1	705677	SWS	EET SL	03/03/25 09:59
Total/NA	Prep	PrecSep_0			702045	OGC	EET SL	02/07/25 07:56
Total/NA	Analysis	904.0		1	705085	SWS	EET SL	02/27/25 12:30
Total/NA	Analysis	Ra226_Ra228		1	706011	SCB	EET SL	03/04/25 16:48

Client Sample ID: MW-10

Date Collected: 02/04/25 14:55

Date Received: 02/04/25 16:30

Lab Sample ID: 500-263510-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			702044	OGC	EET SL	02/07/25 07:47
Total/NA	Analysis	903.0		1	705677	SWS	EET SL	03/03/25 09:59
Total/NA	Prep	PrecSep_0			702045	OGC	EET SL	02/07/25 07:56
Total/NA	Analysis	904.0		1	705085	SWS	EET SL	02/27/25 12:30
Total/NA	Analysis	Ra226_Ra228		1	706011	SCB	EET SL	03/04/25 16:48

Client Sample ID: MW-11

Date Collected: 02/03/25 14:23

Date Received: 02/04/25 16:30

Lab Sample ID: 500-263510-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			702044	OGC	EET SL	02/07/25 07:47
Total/NA	Analysis	903.0		1	705677	SWS	EET SL	03/03/25 09:59
Total/NA	Prep	PrecSep_0			702045	OGC	EET SL	02/07/25 07:56
Total/NA	Analysis	904.0		1	705085	SWS	EET SL	02/27/25 12:30
Total/NA	Analysis	Ra226_Ra228		1	706011	SCB	EET SL	03/04/25 16:48

Client Sample ID: MW-12

Date Collected: 02/03/25 10:46

Date Received: 02/04/25 16:30

Lab Sample ID: 500-263510-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			702044	OGC	EET SL	02/07/25 07:47
Total/NA	Analysis	903.0		1	705677	SWS	EET SL	03/03/25 09:59
Total/NA	Prep	PrecSep_0			702045	OGC	EET SL	02/07/25 07:56
Total/NA	Analysis	904.0		1	705086	SWS	EET SL	02/27/25 12:24
Total/NA	Analysis	Ra226_Ra228		1	706011	SCB	EET SL	03/04/25 16:48

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Client Sample ID: 2S/3S Duplicate

Lab Sample ID: 500-263510-5

Date Collected: 02/03/25 00:00

Matrix: Water

Date Received: 02/04/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			702044	OGC	EET SL	02/07/25 07:47
Total/NA	Analysis	903.0		1	705677	SWS	EET SL	03/03/25 09:59
Total/NA	Prep	PrecSep_0			702045	OGC	EET SL	02/07/25 07:56
Total/NA	Analysis	904.0		1	705086	SWS	EET SL	02/27/25 12:24
Total/NA	Analysis	Ra226_Ra228		1	706011	SCB	EET SL	03/04/25 16:48

Client Sample ID: MW-16

Lab Sample ID: 500-263510-6

Date Collected: 02/03/25 13:26

Matrix: Water

Date Received: 02/04/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			702044	OGC	EET SL	02/07/25 07:47
Total/NA	Analysis	903.0		1	705677	SWS	EET SL	03/03/25 09:59
Total/NA	Prep	PrecSep_0			702045	OGC	EET SL	02/07/25 07:56
Total/NA	Analysis	904.0		1	705086	SWS	EET SL	02/27/25 12:24
Total/NA	Analysis	Ra226_Ra228		1	706011	SCB	EET SL	03/04/25 16:48

Client Sample ID: MW-17

Lab Sample ID: 500-263510-7

Date Collected: 02/03/25 11:55

Matrix: Water

Date Received: 02/04/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			702745	OGC	EET SL	02/13/25 08:11
Total/NA	Analysis	903.0		1	706560	SWS	EET SL	03/07/25 17:36
Total/NA	Prep	PrecSep_0			702746	OGC	EET SL	02/13/25 08:17
Total/NA	Analysis	904.0		1	705882	SRE	EET SL	03/04/25 12:11
Total/NA	Analysis	Ra226_Ra228		1	706950	SCB	EET SL	03/10/25 12:32

Client Sample ID: MW-05

Lab Sample ID: 500-263510-8

Date Collected: 02/05/25 10:19

Matrix: Water

Date Received: 02/06/25 09:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			702745	OGC	EET SL	02/13/25 08:11
Total/NA	Analysis	903.0		1	706560	SWS	EET SL	03/07/25 17:36
Total/NA	Prep	PrecSep_0			702746	OGC	EET SL	02/13/25 08:17
Total/NA	Analysis	904.0		1	705883	SWS	EET SL	03/04/25 12:21
Total/NA	Analysis	Ra226_Ra228		1	706950	SCB	EET SL	03/10/25 12:32

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Client Sample ID: MW-06
Date Collected: 02/05/25 09:20
Date Received: 02/06/25 09:18

Lab Sample ID: 500-263510-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			702327	OGC	EET SL	02/11/25 07:12
Total/NA	Analysis	903.0		1	706176	SWS	EET SL	03/05/25 10:25
Total/NA	Prep	PrecSep_0			702328	OGC	EET SL	02/11/25 07:15
Total/NA	Analysis	904.0		1	705036	SWS	EET SL	02/27/25 12:18
Total/NA	Analysis	Ra226_Ra228		1	706390	EMH	EET SL	03/06/25 11:20

Laboratory References:
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Tracer/Carrier Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-263510-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)							
		Ba							
Lab Sample ID	Client Sample ID	(30-110)							
500-263510-1	MW-09	86.0							
500-263510-2	MW-10	82.1							
500-263510-3	MW-11	83.4							
500-263510-4	MW-12	89.5							
500-263510-5	2S/3S Duplicate	89.0							
500-263510-6	MW-16	87.2							
500-263510-7	MW-17	84.3							
500-263510-7 DU	MW-17	90.8							
500-263510-8	MW-05	85.6							
500-263510-9	MW-06	81.6							
LCS 160-702044/2-A	Lab Control Sample	87.2							
LCS 160-702327/2-A	Lab Control Sample	85.7							
LCS 160-702745/2-A	Lab Control Sample	85.3							
MB 160-702044/1-A	Method Blank	91.3							
MB 160-702327/1-A	Method Blank	82.7							
MB 160-702745/1-A	Method Blank	90.5							
Tracer/Carrier Legend									
Ba = Ba Carrier									

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)							
		Ba				Y			
Lab Sample ID	Client Sample ID	(30-110)	(30-110)			(30-110)	(30-110)		
500-263510-1	MW-09	86.0	84.1						
500-263510-2	MW-10	82.1	72.9						
500-263510-3	MW-11	83.4	79.6						
500-263510-4	MW-12	89.5	81.5						
500-263510-5	2S/3S Duplicate	89.0	80.0						
500-263510-6	MW-16	87.2	72.1						
500-263510-7	MW-17	84.3	79.3						
500-263510-7 DU	MW-17	90.8	80.4						
500-263510-8	MW-05	85.6	78.5						
500-263510-9	MW-06	81.6	83.0						
LCS 160-702045/2-A	Lab Control Sample	87.2	78.5						
LCS 160-702328/2-A	Lab Control Sample	85.7	78.1						
LCS 160-702746/2-A	Lab Control Sample	85.3	79.6						
MB 160-702045/1-A	Method Blank	91.3	77.4						
MB 160-702328/1-A	Method Blank	82.7	77.0						
MB 160-702746/1-A	Method Blank	90.5	81.1						
Tracer/Carrier Legend									
Ba = Ba Carrier									
Y = Y Carrier									

ANALYTICAL REPORT

PREPARED FOR

Attn: James Thorne
Midwest Generation EME LLC
1800 Channahon Road
Joliet, Illinois 60436

Generated 5/20/2025 10:38:35 AM

JOB DESCRIPTION

Will County CCR

JOB NUMBER

500-267873-1

Eurofins Chicago

Job Notes

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Authorization



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Case Narrative

Client: Midwest Generation EME LLC
Project: Will County CCR

Job ID: 500-267873-1

Job ID: 500-267873-1

Eurofins Chicago

Job Narrative 500-267873-1

Receipt

The samples were received on 5/6/2025 4:25 PM and 5/8/2025 8:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.2°C, 1.4°C, 1.8°C, 2.3°C and 3.0°C.

Metals

Method 6020B - Total Recoverable: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-05 (500-267873-8). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Chicago

Method Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury (CVAA)	SW846	EET CHI
300.0	Anions, Ion Chromatography	EPA	EET CHI
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CHI
SM 4500 F C	Fluoride	SM	EET CHI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Sample Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-267873-1	MW-09	Water	05/06/25 10:23	05/06/25 16:25
500-267873-2	MW-10	Water	05/06/25 09:01	05/06/25 16:25
500-267873-3	MW-11	Water	05/05/25 14:53	05/06/25 16:25
500-267873-4	MW-12	Water	05/05/25 11:09	05/06/25 16:25
500-267873-5	2S/3S Duplicate	Water	05/05/25 00:00	05/06/25 16:25
500-267873-6	MW-16	Water	05/05/25 13:48	05/06/25 16:25
500-267873-7	MW-17	Water	05/05/25 12:15	05/06/25 16:25
500-267873-8	MW-05	Water	05/07/25 10:40	05/08/25 08:30
500-267873-9	MW-06	Water	05/07/25 09:13	05/08/25 08:30

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Client Sample ID: MW-09

Lab Sample ID: 500-267873-1

Date Collected: 05/06/25 10:23

Matrix: Water

Date Received: 05/06/25 16:25

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0082		0.0010		mg/L		05/09/25 08:07	05/15/25 13:23	1
Boron	1.8		0.050		mg/L		05/09/25 08:07	05/16/25 13:08	1
Barium	0.033		0.0025		mg/L		05/09/25 08:07	05/15/25 13:23	1
Beryllium	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 13:23	1
Calcium	37		0.20		mg/L		05/09/25 08:07	05/16/25 13:08	1
Cadmium	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 13:23	1
Cobalt	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 13:23	1
Chromium	<0.0050		0.0050		mg/L		05/09/25 08:07	05/15/25 13:23	1
Molybdenum	0.084		0.0050		mg/L		05/09/25 08:07	05/15/25 13:23	1
Lead	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 13:23	1
Antimony	<0.0030		0.0030		mg/L		05/09/25 08:07	05/15/25 13:23	1
Selenium	<0.0025		0.0025		mg/L		05/09/25 08:07	05/15/25 13:23	1
Thallium	<0.0020		0.0020		mg/L		05/09/25 08:07	05/15/25 13:23	1
Lithium	<0.010		0.010		mg/L		05/09/25 08:07	05/15/25 13:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/16/25 11:00	05/19/25 08:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	160		10		mg/L			05/14/25 12:13	10
Sulfate (EPA 300.0)	260		10		mg/L			05/14/25 12:13	10
Total Dissolved Solids (SM 2540C)	790		10		mg/L			05/08/25 01:56	1
Fluoride (SM 4500 F C)	0.54		0.10		mg/L			05/15/25 13:58	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Client Sample ID: MW-10

Lab Sample ID: 500-267873-2

Date Collected: 05/06/25 09:01

Matrix: Water

Date Received: 05/06/25 16:25

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.013		0.0010		mg/L		05/09/25 08:07	05/15/25 13:25	1
Boron	3.9		0.050		mg/L		05/09/25 08:07	05/16/25 13:11	1
Barium	0.12		0.0025		mg/L		05/09/25 08:07	05/15/25 13:25	1
Beryllium	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 13:25	1
Calcium	140		0.20		mg/L		05/09/25 08:07	05/16/25 13:11	1
Cadmium	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 13:25	1
Cobalt	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 13:25	1
Chromium	<0.0050		0.0050		mg/L		05/09/25 08:07	05/15/25 13:25	1
Molybdenum	0.064		0.0050		mg/L		05/09/25 08:07	05/15/25 13:25	1
Lead	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 13:25	1
Antimony	<0.0030		0.0030		mg/L		05/09/25 08:07	05/15/25 13:25	1
Selenium	<0.0025		0.0025		mg/L		05/09/25 08:07	05/15/25 13:25	1
Thallium	<0.0020		0.0020		mg/L		05/09/25 08:07	05/15/25 13:25	1
Lithium	0.015		0.010		mg/L		05/09/25 08:07	05/15/25 13:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/16/25 11:00	05/19/25 08:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	150		10		mg/L			05/14/25 12:25	10
Sulfate (EPA 300.0)	190		10		mg/L			05/14/25 12:25	10
Total Dissolved Solids (SM 2540C)	950		10		mg/L			05/08/25 01:59	1
Fluoride (SM 4500 F C)	0.73		0.10		mg/L			05/15/25 14:01	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Client Sample ID: MW-11

Lab Sample ID: 500-267873-3

Date Collected: 05/05/25 14:53

Matrix: Water

Date Received: 05/06/25 16:25

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.013		0.0010		mg/L		05/09/25 08:07	05/15/25 13:33	1
Boron	2.5		0.050		mg/L		05/09/25 08:07	05/16/25 13:14	1
Barium	0.16		0.0025		mg/L		05/09/25 08:07	05/15/25 13:33	1
Beryllium	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 13:33	1
Calcium	130		0.20		mg/L		05/09/25 08:07	05/16/25 13:14	1
Cadmium	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 13:33	1
Cobalt	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 13:33	1
Chromium	<0.0050		0.0050		mg/L		05/09/25 08:07	05/15/25 13:33	1
Molybdenum	0.034		0.0050		mg/L		05/09/25 08:07	05/15/25 13:33	1
Lead	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 13:33	1
Antimony	<0.0030		0.0030		mg/L		05/09/25 08:07	05/15/25 13:33	1
Selenium	<0.0025		0.0025		mg/L		05/09/25 08:07	05/15/25 13:33	1
Thallium	<0.0020		0.0020		mg/L		05/09/25 08:07	05/15/25 13:33	1
Lithium	<0.010		0.010		mg/L		05/09/25 08:07	05/15/25 13:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/16/25 11:00	05/19/25 08:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	120		5.0		mg/L			05/15/25 00:01	5
Sulfate (EPA 300.0)	69		5.0		mg/L			05/15/25 00:01	5
Total Dissolved Solids (SM 2540C)	790		10		mg/L			05/08/25 02:02	1
Fluoride (SM 4500 F C)	0.49		0.10		mg/L			05/15/25 14:12	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Client Sample ID: MW-12

Lab Sample ID: 500-267873-4

Date Collected: 05/05/25 11:09

Matrix: Water

Date Received: 05/06/25 16:25

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0012		0.0010		mg/L		05/09/25 08:07	05/15/25 13:35	1
Boron	1.9		0.050		mg/L		05/09/25 08:07	05/16/25 13:17	1
Barium	0.14		0.0025		mg/L		05/09/25 08:07	05/15/25 13:35	1
Beryllium	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 13:35	1
Calcium	160		0.20		mg/L		05/09/25 08:07	05/16/25 13:17	1
Cadmium	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 13:35	1
Cobalt	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 13:35	1
Chromium	<0.0050		0.0050		mg/L		05/09/25 08:07	05/15/25 13:35	1
Molybdenum	0.026		0.0050		mg/L		05/09/25 08:07	05/15/25 13:35	1
Lead	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 13:35	1
Antimony	<0.0030		0.0030		mg/L		05/09/25 08:07	05/15/25 13:35	1
Selenium	0.0051		0.0025		mg/L		05/09/25 08:07	05/15/25 13:35	1
Thallium	<0.0020		0.0020		mg/L		05/09/25 08:07	05/15/25 13:35	1
Lithium	0.012		0.010		mg/L		05/09/25 08:07	05/15/25 13:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/16/25 11:00	05/19/25 08:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	140		10		mg/L			05/15/25 00:13	10
Sulfate (EPA 300.0)	170		10		mg/L			05/15/25 00:13	10
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			05/08/25 02:04	1
Fluoride (SM 4500 F C)	0.46		0.10		mg/L			05/15/25 14:16	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Client Sample ID: 2S/3S Duplicate

Lab Sample ID: 500-267873-5

Date Collected: 05/05/25 00:00

Matrix: Water

Date Received: 05/06/25 16:25

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0012		0.0010		mg/L		05/09/25 08:07	05/15/25 13:37	1
Boron	1.9		0.050		mg/L		05/09/25 08:07	05/16/25 13:42	1
Barium	0.14		0.0025		mg/L		05/09/25 08:07	05/15/25 13:37	1
Beryllium	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 13:37	1
Calcium	160		0.20		mg/L		05/09/25 08:07	05/16/25 13:42	1
Cadmium	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 13:37	1
Cobalt	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 13:37	1
Chromium	<0.0050		0.0050		mg/L		05/09/25 08:07	05/15/25 13:37	1
Molybdenum	0.025		0.0050		mg/L		05/09/25 08:07	05/15/25 13:37	1
Lead	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 13:37	1
Antimony	<0.0030		0.0030		mg/L		05/09/25 08:07	05/15/25 13:37	1
Selenium	0.0040		0.0025		mg/L		05/09/25 08:07	05/15/25 13:37	1
Thallium	<0.0020		0.0020		mg/L		05/09/25 08:07	05/15/25 13:37	1
Lithium	0.013		0.010		mg/L		05/09/25 08:07	05/15/25 13:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/16/25 11:00	05/19/25 08:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	140		10		mg/L			05/15/25 00:48	10
Sulfate (EPA 300.0)	170		10		mg/L			05/15/25 00:48	10
Total Dissolved Solids (SM 2540C)	960		10		mg/L			05/08/25 02:07	1
Fluoride (SM 4500 F C)	0.46		0.10		mg/L			05/15/25 14:19	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Client Sample ID: MW-16

Lab Sample ID: 500-267873-6

Date Collected: 05/05/25 13:48

Matrix: Water

Date Received: 05/06/25 16:25

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0022		0.0010		mg/L		05/09/25 08:07	05/15/25 13:40	1
Boron	0.94		0.050		mg/L		05/09/25 08:07	05/16/25 13:00	1
Barium	0.091		0.0025		mg/L		05/09/25 08:07	05/15/25 13:40	1
Beryllium	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 13:40	1
Calcium	140		0.20		mg/L		05/09/25 08:07	05/16/25 13:00	1
Cadmium	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 13:40	1
Cobalt	0.0022		0.0010		mg/L		05/09/25 08:07	05/15/25 13:40	1
Chromium	<0.0050		0.0050		mg/L		05/09/25 08:07	05/15/25 13:40	1
Molybdenum	0.0056		0.0050		mg/L		05/09/25 08:07	05/15/25 13:40	1
Lead	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 13:40	1
Antimony	<0.0030		0.0030		mg/L		05/09/25 08:07	05/15/25 13:40	1
Selenium	<0.0025		0.0025		mg/L		05/09/25 08:07	05/15/25 13:40	1
Thallium	<0.0020		0.0020		mg/L		05/09/25 08:07	05/15/25 13:40	1
Lithium	<0.010		0.010		mg/L		05/09/25 08:07	05/15/25 13:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/16/25 11:00	05/19/25 08:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	110		10		mg/L			05/15/25 00:59	10
Sulfate (EPA 300.0)	160		10		mg/L			05/15/25 00:59	10
Total Dissolved Solids (SM 2540C)	890		10		mg/L			05/08/25 02:09	1
Fluoride (SM 4500 F C)	0.55		0.10		mg/L			05/15/25 14:22	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Client Sample ID: MW-17

Lab Sample ID: 500-267873-7

Date Collected: 05/05/25 12:15

Matrix: Water

Date Received: 05/06/25 16:25

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0063		0.0010		mg/L		05/09/25 08:07	05/15/25 13:42	1
Boron	2.9		0.050		mg/L		05/09/25 08:07	05/16/25 13:44	1
Barium	0.063		0.0025		mg/L		05/09/25 08:07	05/15/25 13:42	1
Beryllium	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 13:42	1
Calcium	71		0.20		mg/L		05/09/25 08:07	05/16/25 13:44	1
Cadmium	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 13:42	1
Cobalt	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 13:42	1
Chromium	<0.0050		0.0050		mg/L		05/09/25 08:07	05/15/25 13:42	1
Molybdenum	0.13		0.0050		mg/L		05/09/25 08:07	05/15/25 13:42	1
Lead	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 13:42	1
Antimony	<0.0030		0.0030		mg/L		05/09/25 08:07	05/15/25 13:42	1
Selenium	<0.0025		0.0025		mg/L		05/09/25 08:07	05/15/25 13:42	1
Thallium	<0.0020		0.0020		mg/L		05/09/25 08:07	05/15/25 13:42	1
Lithium	0.019		0.010		mg/L		05/09/25 08:07	05/15/25 13:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/16/25 11:00	05/19/25 09:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	130		10		mg/L			05/15/25 01:11	10
Sulfate (EPA 300.0)	330		10		mg/L			05/15/25 01:11	10
Total Dissolved Solids (SM 2540C)	850		10		mg/L			05/08/25 02:12	1
Fluoride (SM 4500 F C)	0.71		0.10		mg/L			05/15/25 14:25	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Client Sample ID: MW-05

Lab Sample ID: 500-267873-8

Date Collected: 05/07/25 10:40

Matrix: Water

Date Received: 05/08/25 08:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 13:45	1
Boron	4.1		0.050		mg/L		05/09/25 08:07	05/16/25 13:47	1
Barium	0.056		0.0025		mg/L		05/09/25 08:07	05/15/25 13:45	1
Beryllium	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 13:45	1
Calcium	300		1.0		mg/L		05/09/25 08:07	05/19/25 12:11	5
Cadmium	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 13:45	1
Cobalt	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 13:45	1
Chromium	<0.0050		0.0050		mg/L		05/09/25 08:07	05/15/25 13:45	1
Molybdenum	0.043		0.0050		mg/L		05/09/25 08:07	05/15/25 13:45	1
Lead	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 13:45	1
Antimony	<0.0030		0.0030		mg/L		05/09/25 08:07	05/15/25 13:45	1
Selenium	0.060		0.0025		mg/L		05/09/25 08:07	05/15/25 13:45	1
Thallium	<0.0020		0.0020		mg/L		05/09/25 08:07	05/15/25 13:45	1
Lithium	0.018		0.010		mg/L		05/09/25 08:07	05/15/25 13:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/16/25 11:00	05/19/25 09:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	45		20		mg/L			05/15/25 01:23	20
Sulfate (EPA 300.0)	830		20		mg/L			05/15/25 01:23	20
Total Dissolved Solids (SM 2540C)	1800		10		mg/L			05/14/25 02:01	1
Fluoride (SM 4500 F C)	0.47		0.10		mg/L			05/15/25 14:28	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Client Sample ID: MW-06

Lab Sample ID: 500-267873-9

Date Collected: 05/07/25 09:13

Matrix: Water

Date Received: 05/08/25 08:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0012		0.0010		mg/L		05/09/25 08:07	05/15/25 13:47	1
Boron	2.0		0.050		mg/L		05/09/25 08:07	05/16/25 13:50	1
Barium	0.082		0.0025		mg/L		05/09/25 08:07	05/15/25 13:47	1
Beryllium	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 13:47	1
Calcium	110		0.20		mg/L		05/09/25 08:07	05/16/25 13:50	1
Cadmium	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 13:47	1
Cobalt	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 13:47	1
Chromium	<0.0050		0.0050		mg/L		05/09/25 08:07	05/15/25 13:47	1
Molybdenum	0.024		0.0050		mg/L		05/09/25 08:07	05/15/25 13:47	1
Lead	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 13:47	1
Antimony	<0.0030		0.0030		mg/L		05/09/25 08:07	05/15/25 13:47	1
Selenium	<0.0025		0.0025		mg/L		05/09/25 08:07	05/15/25 13:47	1
Thallium	<0.0020		0.0020		mg/L		05/09/25 08:07	05/15/25 13:47	1
Lithium	0.014		0.010		mg/L		05/09/25 08:07	05/15/25 13:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/16/25 11:00	05/19/25 09:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	11		10		mg/L			05/15/25 01:34	10
Sulfate (EPA 300.0)	140		10		mg/L			05/15/25 01:34	10
Total Dissolved Solids (SM 2540C)	610		10		mg/L			05/14/25 02:03	1
Fluoride (SM 4500 F C)	0.38		0.10		mg/L			05/15/25 14:31	1

Definitions/Glossary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Metals

Prep Batch: 817030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267873-1	MW-09	Total Recoverable	Water	3005A	
500-267873-2	MW-10	Total Recoverable	Water	3005A	
500-267873-3	MW-11	Total Recoverable	Water	3005A	
500-267873-4	MW-12	Total Recoverable	Water	3005A	
500-267873-5	2S/3S Duplicate	Total Recoverable	Water	3005A	
500-267873-6	MW-16	Total Recoverable	Water	3005A	
500-267873-7	MW-17	Total Recoverable	Water	3005A	
500-267873-8	MW-05	Total Recoverable	Water	3005A	
500-267873-9	MW-06	Total Recoverable	Water	3005A	
MB 500-817030/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-817030/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 817968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267873-1	MW-09	Total Recoverable	Water	6020B	817030
500-267873-2	MW-10	Total Recoverable	Water	6020B	817030
500-267873-3	MW-11	Total Recoverable	Water	6020B	817030
500-267873-4	MW-12	Total Recoverable	Water	6020B	817030
500-267873-5	2S/3S Duplicate	Total Recoverable	Water	6020B	817030
500-267873-6	MW-16	Total Recoverable	Water	6020B	817030
500-267873-7	MW-17	Total Recoverable	Water	6020B	817030
500-267873-8	MW-05	Total Recoverable	Water	6020B	817030
500-267873-9	MW-06	Total Recoverable	Water	6020B	817030
MB 500-817030/1-A	Method Blank	Total Recoverable	Water	6020B	817030
LCS 500-817030/2-A	Lab Control Sample	Total Recoverable	Water	6020B	817030

Prep Batch: 818008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267873-1	MW-09	Total/NA	Water	7470A	
500-267873-2	MW-10	Total/NA	Water	7470A	
500-267873-3	MW-11	Total/NA	Water	7470A	
500-267873-4	MW-12	Total/NA	Water	7470A	
500-267873-5	2S/3S Duplicate	Total/NA	Water	7470A	
500-267873-6	MW-16	Total/NA	Water	7470A	
500-267873-7	MW-17	Total/NA	Water	7470A	
500-267873-8	MW-05	Total/NA	Water	7470A	
500-267873-9	MW-06	Total/NA	Water	7470A	
MB 500-818008/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-818008/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 818169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267873-1	MW-09	Total Recoverable	Water	6020B	817030
500-267873-2	MW-10	Total Recoverable	Water	6020B	817030
500-267873-3	MW-11	Total Recoverable	Water	6020B	817030
500-267873-4	MW-12	Total Recoverable	Water	6020B	817030
500-267873-5	2S/3S Duplicate	Total Recoverable	Water	6020B	817030
500-267873-6	MW-16	Total Recoverable	Water	6020B	817030
500-267873-7	MW-17	Total Recoverable	Water	6020B	817030
500-267873-8	MW-05	Total Recoverable	Water	6020B	817030
500-267873-9	MW-06	Total Recoverable	Water	6020B	817030

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QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Metals (Continued)

Analysis Batch: 818169 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-817030/1-A	Method Blank	Total Recoverable	Water	6020B	817030
LCS 500-817030/2-A	Lab Control Sample	Total Recoverable	Water	6020B	817030

Analysis Batch: 818257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267873-1	MW-09	Total/NA	Water	7470A	818008
500-267873-2	MW-10	Total/NA	Water	7470A	818008
500-267873-3	MW-11	Total/NA	Water	7470A	818008
500-267873-4	MW-12	Total/NA	Water	7470A	818008
500-267873-5	2S/3S Duplicate	Total/NA	Water	7470A	818008
500-267873-6	MW-16	Total/NA	Water	7470A	818008
500-267873-7	MW-17	Total/NA	Water	7470A	818008
500-267873-8	MW-05	Total/NA	Water	7470A	818008
500-267873-9	MW-06	Total/NA	Water	7470A	818008
MB 500-818008/12-A	Method Blank	Total/NA	Water	7470A	818008
LCS 500-818008/13-A	Lab Control Sample	Total/NA	Water	7470A	818008

Analysis Batch: 818344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267873-8	MW-05	Total Recoverable	Water	6020B	817030

General Chemistry

Analysis Batch: 816807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267873-1	MW-09	Total/NA	Water	SM 2540C	
500-267873-2	MW-10	Total/NA	Water	SM 2540C	
500-267873-3	MW-11	Total/NA	Water	SM 2540C	
500-267873-4	MW-12	Total/NA	Water	SM 2540C	
500-267873-5	2S/3S Duplicate	Total/NA	Water	SM 2540C	
500-267873-6	MW-16	Total/NA	Water	SM 2540C	
500-267873-7	MW-17	Total/NA	Water	SM 2540C	
MB 500-816807/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-816807/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 817432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267873-1	MW-09	Total/NA	Water	300.0	
500-267873-2	MW-10	Total/NA	Water	300.0	
MB 500-817432/3	Method Blank	Total/NA	Water	300.0	
LCS 500-817432/4	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 817551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267873-8	MW-05	Total/NA	Water	SM 2540C	
500-267873-9	MW-06	Total/NA	Water	SM 2540C	
MB 500-817551/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-817551/2	Lab Control Sample	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

General Chemistry

Analysis Batch: 817696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267873-3	MW-11	Total/NA	Water	300.0	
500-267873-4	MW-12	Total/NA	Water	300.0	
500-267873-5	2S/3S Duplicate	Total/NA	Water	300.0	
500-267873-6	MW-16	Total/NA	Water	300.0	
500-267873-7	MW-17	Total/NA	Water	300.0	
500-267873-8	MW-05	Total/NA	Water	300.0	
500-267873-9	MW-06	Total/NA	Water	300.0	
MB 500-817696/3	Method Blank	Total/NA	Water	300.0	
LCS 500-817696/4	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 817888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267873-1	MW-09	Total/NA	Water	SM 4500 F C	
500-267873-2	MW-10	Total/NA	Water	SM 4500 F C	
500-267873-3	MW-11	Total/NA	Water	SM 4500 F C	
500-267873-4	MW-12	Total/NA	Water	SM 4500 F C	
500-267873-5	2S/3S Duplicate	Total/NA	Water	SM 4500 F C	
500-267873-6	MW-16	Total/NA	Water	SM 4500 F C	
500-267873-7	MW-17	Total/NA	Water	SM 4500 F C	
500-267873-8	MW-05	Total/NA	Water	SM 4500 F C	
500-267873-9	MW-06	Total/NA	Water	SM 4500 F C	
MB 500-817888/3	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-817888/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-817030/1-A
Matrix: Water
Analysis Batch: 817968

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 817030

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 12:34	1
Boron	<0.050		0.050		mg/L		05/09/25 08:07	05/15/25 12:34	1
Barium	<0.0025		0.0025		mg/L		05/09/25 08:07	05/15/25 12:34	1
Beryllium	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 12:34	1
Cadmium	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 12:34	1
Cobalt	<0.0010		0.0010		mg/L		05/09/25 08:07	05/15/25 12:34	1
Chromium	<0.0050		0.0050		mg/L		05/09/25 08:07	05/15/25 12:34	1
Molybdenum	<0.0050		0.0050		mg/L		05/09/25 08:07	05/15/25 12:34	1
Lead	<0.00050		0.00050		mg/L		05/09/25 08:07	05/15/25 12:34	1
Antimony	<0.0030		0.0030		mg/L		05/09/25 08:07	05/15/25 12:34	1
Selenium	<0.0025		0.0025		mg/L		05/09/25 08:07	05/15/25 12:34	1
Thallium	<0.0020		0.0020		mg/L		05/09/25 08:07	05/15/25 12:34	1
Lithium	<0.010		0.010		mg/L		05/09/25 08:07	05/15/25 12:34	1

Lab Sample ID: MB 500-817030/1-A
Matrix: Water
Analysis Batch: 818169

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 817030

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.20		0.20		mg/L		05/09/25 08:07	05/16/25 12:55	1

Lab Sample ID: LCS 500-817030/2-A
Matrix: Water
Analysis Batch: 817968

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 817030

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0929		mg/L		93	80 - 120
Boron	1.00	0.944		mg/L		94	80 - 120
Barium	0.500	0.485		mg/L		97	80 - 120
Beryllium	0.0500	0.0473		mg/L		95	80 - 120
Cadmium	0.0500	0.0478		mg/L		96	80 - 120
Cobalt	0.500	0.484		mg/L		97	80 - 120
Chromium	0.200	0.184		mg/L		92	80 - 120
Molybdenum	1.00	0.970		mg/L		97	80 - 120
Lead	0.100	0.0936		mg/L		94	80 - 120
Antimony	0.500	0.485		mg/L		97	80 - 120
Selenium	0.100	0.0953		mg/L		95	80 - 120
Thallium	0.100	0.0949		mg/L		95	80 - 120
Lithium	0.100	0.0975		mg/L		98	80 - 120

Lab Sample ID: LCS 500-817030/2-A
Matrix: Water
Analysis Batch: 818169

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 817030

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	10.0	8.31		mg/L		83	80 - 120

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QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-818008/12-A
Matrix: Water
Analysis Batch: 818257

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 818008

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/16/25 11:00	05/19/25 08:43	1

Lab Sample ID: LCS 500-818008/13-A
Matrix: Water
Analysis Batch: 818257

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 818008

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00213		mg/L		107	80 - 120

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-817432/3
Matrix: Water
Analysis Batch: 817432

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0		mg/L			05/14/25 08:32	1
Sulfate	<1.0		1.0		mg/L			05/14/25 08:32	1

Lab Sample ID: LCS 500-817432/4
Matrix: Water
Analysis Batch: 817432

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	20.6		mg/L		103	90 - 110
Sulfate	20.0	20.9		mg/L		104	90 - 110

Lab Sample ID: MB 500-817696/3
Matrix: Water
Analysis Batch: 817696

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0		mg/L			05/14/25 22:28	1
Sulfate	<1.0		1.0		mg/L			05/14/25 22:28	1

Lab Sample ID: LCS 500-817696/4
Matrix: Water
Analysis Batch: 817696

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	20.7		mg/L		104	90 - 110
Sulfate	20.0	21.4		mg/L		107	90 - 110

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 500-816807/1

Matrix: Water

Analysis Batch: 816807

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			05/08/25 01:13	1

Lab Sample ID: LCS 500-816807/2

Matrix: Water

Analysis Batch: 816807

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	262		mg/L		105	80 - 120

Lab Sample ID: MB 500-817551/1

Matrix: Water

Analysis Batch: 817551

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			05/14/25 01:56	1

Lab Sample ID: LCS 500-817551/2

Matrix: Water

Analysis Batch: 817551

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	260		mg/L		104	80 - 120

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-817888/3

Matrix: Water

Analysis Batch: 817888

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			05/15/25 13:34	1

Lab Sample ID: LCS 500-817888/4

Matrix: Water

Analysis Batch: 817888

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.83		mg/L		98	90 - 119

Eurofins Chicago

18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information		Sampler: <u>Tim Stohner</u>		Lab PM Mockler, Diana J		Carrier Tracking No(s).		COC No: 500-136136-48726 1																																																																											
Client Contact: Mr Tim Stohner		Phone: <u>630-290-6850</u>		E-Mail: Diana.Mockler@et.eurofinsus.com		State of Origin:		Page: Page 1 of 1																																																																											
Company: KPRG and Associates, Inc.		PWSID:		Analysis Requested						Job #: <u>500 267873</u>																																																																									
Address 414 Plaza Drive Suite 106		Due Date Requested		 500-267873 COC						Preservation Codes: D - HNO3 N - None																																																																									
City: Westmont		TAT Requested (days):																																																																																	
State, Zip: IL, 60559		Compliance Project: ☐ Yes ☐ No																																																																																	
Phone:		PO #: 4502187743																																																																																	
Email: tims@kprginc.com		WO #:																																																																																	
Project Name: Will County 2S/3S Event Desc: Quarterly GW Monitoring		Project #: 50011609		Field Filtered Sample (Yes or No) 903.0, 904.0 6010C, 6020A, 7470A 2540C, 4500_F_C, SM4500_CL_E, SM4500_S04_E						Total Number of Containers																																																																									
Site: Illinois		SSOW#:																																																																																	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:																																																																							
MW-05		—		—		—		Water		D																																																																									
MW-06		—		—		—		Water		D																																																																									
MW-09		5-6-25		10:23		G		Water		N																																																																									
MW-10		5-6-25		09:01		G		Water		N																																																																									
MW-11		5-5-25		14:53		G		Water		N																																																																									
MW-12		5-5-25		11:09		G		Water		N																																																																									
2S/3S Duplicate		5-5-25		—		G		Water		N																																																																									
MW-16		5-5-25		13:48		G		Water		N																																																																									
MW-17		5-5-25		12:15		G		Water		N																																																																									
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological														Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months																																																																					
Deliverable Requested I, II, III, IV, Other (specify)														Special Instructions/QC Requirements																																																																					
Empty Kit Relinquished by:														Date														Time														Method of Shipment:																																									
Relinquished by: <u>[Signature]</u>														Date/Time: <u>5-6-25 16:25</u>														Company: <u>KPRG</u>														Received by: <u>[Signature]</u>														Date/Time: <u>05/06/2025 10:25</u>														Company: <u>EETA</u>													
Relinquished by:														Date/Time:														Company:														Received by:														Date/Time:														Company:													
Relinquished by:														Date/Time:														Company:														Received by:														Date/Time:														Company:													
Custody Seals Intact: ☐ Yes ☐ No														Custody Seal No														Cooler Temperature(s) °C and Other Remarks: <u>1.7 → 2.3; 0.8 → 1.4; 1.2 → 1.8; 2.7 → 3.0</u>														<u>48g +</u>																																									

Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park, IL 60487

Phone 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>IAN IAN HOUICSON</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-136136-48726 1					
Client Contact: Mr Tim Stohner		Phone: <u>630 290 6850</u>		E-Mail: Diana Mockler@et eurofins.com		State of Origin:		Page: Page 1 of 1					
Company: KPRG and Associates, Inc.		PWSID:		Analysis Requested						Job #: <u>508-267873</u>			
Address: 414 Plaza Drive Suite 106		Due Date Requested		Field Filtered Sample (Yes or No) Permitted Use (NSP Yes or No) 903.0, 904.0 6010C, 6020A, 7470A 2540C, 4500_F_C, SM4500_CL_E, SM4500_SO4_E Total Number of Containers						Preservation Codes: D - HNO3 N - None			
City: Westmont		TAT Requested (days)								Other:			
State, Zip: IL, 60559		Compliance Project: ☐ Yes ☐ No											
Phone: 500-267873 COC		PO #: 4502187743											
Email: tims@kprginc.com		WO #:											
Project Name: Will County 2S/3S Event Desc. Quarterly GW Monitoring <u>CCR</u>		Project #: 50011609											
Site: Illinois		SSOW#:											
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:	
MW-05		5-7-25		10:40		G		Water		N N X X X			
MW-06		5-7-25		09:13		G		Water		N N X X X			
MW-09		—		—		—		Water					
MW-10		—		—		—		Water					
MW-11		—		—		—		Water					
MW-12		—		—		—		Water					
2S/3S Duplicate		—		—		—		Water					
MW-16		—		—		—		Water					
MW-17		—		—		—		Water					
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
Deliverable Requested I, II, III, IV, Other (specify)				☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months									
Empty Kit Relinquished by		Date:		Time		Method of Shipment:							
Relinquished by: <u>[Signature]</u>		Date/Time: 5-8-25 08:30		Company: KPRG		Received by: <u>[Signature]</u>		Date/Time: 5/8/25 08:30		Company: <u>[Signature]</u>			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:			
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:			
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>2.4-70.2</u>									

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-267873-1

Login Number: 267873

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.3,1.4,1.8,3.0,0.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Client Sample ID: MW-09

Lab Sample ID: 500-267873-1

Date Collected: 05/06/25 10:23

Matrix: Water

Date Received: 05/06/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			817030	BDE	EET CHI	05/09/25 08:07 - 05/09/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	818169	RN	EET CHI	05/16/25 13:08
Total Recoverable	Prep	3005A			817030	BDE	EET CHI	05/09/25 08:07 - 05/09/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 13:23
Total/NA	Prep	7470A			818008	MJG	EET CHI	05/16/25 11:00 - 05/16/25 13:00 ¹
Total/NA	Analysis	7470A		1	818257	MJG	EET CHI	05/19/25 08:47
Total/NA	Analysis	300.0		10	817432	MM	EET CHI	05/14/25 12:13
Total/NA	Analysis	SM 2540C		1	816807	CLB	EET CHI	05/08/25 01:56
Total/NA	Analysis	SM 4500 F C		1	817888	LP	EET CHI	05/15/25 13:58

Client Sample ID: MW-10

Lab Sample ID: 500-267873-2

Date Collected: 05/06/25 09:01

Matrix: Water

Date Received: 05/06/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			817030	BDE	EET CHI	05/09/25 08:07 - 05/09/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	818169	RN	EET CHI	05/16/25 13:11
Total Recoverable	Prep	3005A			817030	BDE	EET CHI	05/09/25 08:07 - 05/09/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 13:25
Total/NA	Prep	7470A			818008	MJG	EET CHI	05/16/25 11:00 - 05/16/25 13:00 ¹
Total/NA	Analysis	7470A		1	818257	MJG	EET CHI	05/19/25 08:49
Total/NA	Analysis	300.0		10	817432	MM	EET CHI	05/14/25 12:25
Total/NA	Analysis	SM 2540C		1	816807	CLB	EET CHI	05/08/25 01:59
Total/NA	Analysis	SM 4500 F C		1	817888	LP	EET CHI	05/15/25 14:01

Client Sample ID: MW-11

Lab Sample ID: 500-267873-3

Date Collected: 05/05/25 14:53

Matrix: Water

Date Received: 05/06/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			817030	BDE	EET CHI	05/09/25 08:07 - 05/09/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	818169	RN	EET CHI	05/16/25 13:14
Total Recoverable	Prep	3005A			817030	BDE	EET CHI	05/09/25 08:07 - 05/09/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 13:33
Total/NA	Prep	7470A			818008	MJG	EET CHI	05/16/25 11:00 - 05/16/25 13:00 ¹
Total/NA	Analysis	7470A		1	818257	MJG	EET CHI	05/19/25 08:52
Total/NA	Analysis	300.0		5	817696	MM	EET CHI	05/15/25 00:01
Total/NA	Analysis	SM 2540C		1	816807	CLB	EET CHI	05/08/25 02:02
Total/NA	Analysis	SM 4500 F C		1	817888	LP	EET CHI	05/15/25 14:12

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Client Sample ID: MW-12

Lab Sample ID: 500-267873-4

Date Collected: 05/05/25 11:09

Matrix: Water

Date Received: 05/06/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			817030	BDE	EET CHI	05/09/25 08:07 - 05/09/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	818169	RN	EET CHI	05/16/25 13:17
Total Recoverable	Prep	3005A			817030	BDE	EET CHI	05/09/25 08:07 - 05/09/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 13:35
Total/NA	Prep	7470A			818008	MJG	EET CHI	05/16/25 11:00 - 05/16/25 13:00 ¹
Total/NA	Analysis	7470A		1	818257	MJG	EET CHI	05/19/25 08:54
Total/NA	Analysis	300.0		10	817696	MM	EET CHI	05/15/25 00:13
Total/NA	Analysis	SM 2540C		1	816807	CLB	EET CHI	05/08/25 02:04
Total/NA	Analysis	SM 4500 F C		1	817888	LP	EET CHI	05/15/25 14:16

Client Sample ID: 2S/3S Duplicate

Lab Sample ID: 500-267873-5

Date Collected: 05/05/25 00:00

Matrix: Water

Date Received: 05/06/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			817030	BDE	EET CHI	05/09/25 08:07 - 05/09/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	818169	RN	EET CHI	05/16/25 13:42
Total Recoverable	Prep	3005A			817030	BDE	EET CHI	05/09/25 08:07 - 05/09/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 13:37
Total/NA	Prep	7470A			818008	MJG	EET CHI	05/16/25 11:00 - 05/16/25 13:00 ¹
Total/NA	Analysis	7470A		1	818257	MJG	EET CHI	05/19/25 08:56
Total/NA	Analysis	300.0		10	817696	MM	EET CHI	05/15/25 00:48
Total/NA	Analysis	SM 2540C		1	816807	CLB	EET CHI	05/08/25 02:07
Total/NA	Analysis	SM 4500 F C		1	817888	LP	EET CHI	05/15/25 14:19

Client Sample ID: MW-16

Lab Sample ID: 500-267873-6

Date Collected: 05/05/25 13:48

Matrix: Water

Date Received: 05/06/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			817030	BDE	EET CHI	05/09/25 08:07 - 05/09/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	818169	RN	EET CHI	05/16/25 13:00
Total Recoverable	Prep	3005A			817030	BDE	EET CHI	05/09/25 08:07 - 05/09/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 13:40
Total/NA	Prep	7470A			818008	MJG	EET CHI	05/16/25 11:00 - 05/16/25 13:00 ¹
Total/NA	Analysis	7470A		1	818257	MJG	EET CHI	05/19/25 08:58
Total/NA	Analysis	300.0		10	817696	MM	EET CHI	05/15/25 00:59
Total/NA	Analysis	SM 2540C		1	816807	CLB	EET CHI	05/08/25 02:09
Total/NA	Analysis	SM 4500 F C		1	817888	LP	EET CHI	05/15/25 14:22

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-267873-1

Client Sample ID: MW-17

Date Collected: 05/05/25 12:15

Date Received: 05/06/25 16:25

Lab Sample ID: 500-267873-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			817030	BDE	EET CHI	05/09/25 08:07 - 05/09/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	818169	RN	EET CHI	05/16/25 13:44
Total Recoverable	Prep	3005A			817030	BDE	EET CHI	05/09/25 08:07 - 05/09/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 13:42
Total/NA	Prep	7470A			818008	MJG	EET CHI	05/16/25 11:00 - 05/16/25 13:00 ¹
Total/NA	Analysis	7470A		1	818257	MJG	EET CHI	05/19/25 09:00
Total/NA	Analysis	300.0		10	817696	MM	EET CHI	05/15/25 01:11
Total/NA	Analysis	SM 2540C		1	816807	CLB	EET CHI	05/08/25 02:12
Total/NA	Analysis	SM 4500 F C		1	817888	LP	EET CHI	05/15/25 14:25

Client Sample ID: MW-05

Date Collected: 05/07/25 10:40

Date Received: 05/08/25 08:30

Lab Sample ID: 500-267873-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			817030	BDE	EET CHI	05/09/25 08:07 - 05/09/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	818169	RN	EET CHI	05/16/25 13:47
Total Recoverable	Prep	3005A			817030	BDE	EET CHI	05/09/25 08:07 - 05/09/25 14:07 ¹
Total Recoverable	Analysis	6020B		5	818344	RN	EET CHI	05/19/25 12:11
Total Recoverable	Prep	3005A			817030	BDE	EET CHI	05/09/25 08:07 - 05/09/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 13:45
Total/NA	Prep	7470A			818008	MJG	EET CHI	05/16/25 11:00 - 05/16/25 13:00 ¹
Total/NA	Analysis	7470A		1	818257	MJG	EET CHI	05/19/25 09:23
Total/NA	Analysis	300.0		20	817696	MM	EET CHI	05/15/25 01:23
Total/NA	Analysis	SM 2540C		1	817551	CLB	EET CHI	05/14/25 02:01
Total/NA	Analysis	SM 4500 F C		1	817888	LP	EET CHI	05/15/25 14:28

Client Sample ID: MW-06

Date Collected: 05/07/25 09:13

Date Received: 05/08/25 08:30

Lab Sample ID: 500-267873-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			817030	BDE	EET CHI	05/09/25 08:07 - 05/09/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	818169	RN	EET CHI	05/16/25 13:50
Total Recoverable	Prep	3005A			817030	BDE	EET CHI	05/09/25 08:07 - 05/09/25 14:07 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 13:47
Total/NA	Prep	7470A			818008	MJG	EET CHI	05/16/25 11:00 - 05/16/25 13:00 ¹
Total/NA	Analysis	7470A		1	818257	MJG	EET CHI	05/19/25 09:25
Total/NA	Analysis	300.0		10	817696	MM	EET CHI	05/15/25 01:34
Total/NA	Analysis	SM 2540C		1	817551	CLB	EET CHI	05/14/25 02:03
Total/NA	Analysis	SM 4500 F C		1	817888	LP	EET CHI	05/15/25 14:31

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Eurofins Chicago

ANALYTICAL REPORT

PREPARED FOR

Attn: James Thorne
Midwest Generation EME LLC
1800 Channahon Road
Joliet, Illinois 60436

Generated 6/9/2025 12:08:59 PM

JOB DESCRIPTION

Will County CCR (RAD)

JOB NUMBER

500-267873-2

Eurofins Chicago

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



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Authorized for release by
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Case Narrative

Client: Midwest Generation EME LLC
Project: Will County CCR (RAD)

Job ID: 500-267873-2

Job ID: 500-267873-2

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Job Narrative 500-267873-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/6/2025 4:25 PM and 5/8/2025 8:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.2°C, 1.4°C, 1.8°C, 2.3°C and 3.0°C.

Gas Flow Proportional Counter

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Method Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-267873-2

Method	Method Description	Protocol	Laboratory
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-267873-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-267873-1	MW-09	Water	05/06/25 10:23	05/06/25 16:25
500-267873-2	MW-10	Water	05/06/25 09:01	05/06/25 16:25
500-267873-3	MW-11	Water	05/05/25 14:53	05/06/25 16:25
500-267873-4	MW-12	Water	05/05/25 11:09	05/06/25 16:25
500-267873-5	2S/3S Duplicate	Water	05/05/25 00:00	05/06/25 16:25
500-267873-6	MW-16	Water	05/05/25 13:48	05/06/25 16:25
500-267873-7	MW-17	Water	05/05/25 12:15	05/06/25 16:25
500-267873-8	MW-05	Water	05/07/25 10:40	05/08/25 08:30
500-267873-9	MW-06	Water	05/07/25 09:13	05/08/25 08:30

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-267873-2

Client Sample ID: MW-09

Lab Sample ID: 500-267873-1

Date Collected: 05/06/25 10:23

Matrix: Water

Date Received: 05/06/25 16:25

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.191	U	0.140	0.141	1.00	0.197	pCi/L	05/09/25 07:37	06/08/25 15:16	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.3		30 - 110					05/09/25 07:37	06/08/25 15:16	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.608		0.380	0.385	1.00	0.566	pCi/L	05/09/25 08:37	06/06/25 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.3		30 - 110					05/09/25 08:37	06/06/25 11:45	1
Y Carrier	88.6		30 - 110					05/09/25 08:37	06/06/25 11:45	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.799		0.405	0.410	5.00	0.566	pCi/L		06/09/25 11:49	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-267873-2

Client Sample ID: MW-10

Lab Sample ID: 500-267873-2

Date Collected: 05/06/25 09:01

Matrix: Water

Date Received: 05/06/25 16:25

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.221		0.137	0.138	1.00	0.181	pCi/L	05/09/25 07:37	06/08/25 15:16	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.8		30 - 110					05/09/25 07:37	06/08/25 15:16	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.21		0.443	0.457	1.00	0.570	pCi/L	05/09/25 08:37	06/06/25 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.8		30 - 110					05/09/25 08:37	06/06/25 11:45	1
Y Carrier	83.0		30 - 110					05/09/25 08:37	06/06/25 11:45	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.43		0.464	0.477	5.00	0.570	pCi/L		06/09/25 11:49	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-267873-2

Client Sample ID: MW-11

Lab Sample ID: 500-267873-3

Date Collected: 05/05/25 14:53

Matrix: Water

Date Received: 05/06/25 16:25

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.361		0.180	0.182	1.00	0.228	pCi/L	05/09/25 07:37	06/08/25 19:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.9		30 - 110					05/09/25 07:37	06/08/25 19:22	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.779		0.405	0.411	1.00	0.566	pCi/L	05/09/25 08:37	06/06/25 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.9		30 - 110					05/09/25 08:37	06/06/25 11:45	1
Y Carrier	86.0		30 - 110					05/09/25 08:37	06/06/25 11:45	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.14		0.443	0.449	5.00	0.566	pCi/L		06/09/25 11:49	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-267873-2

Client Sample ID: MW-12

Lab Sample ID: 500-267873-4

Date Collected: 05/05/25 11:09

Matrix: Water

Date Received: 05/06/25 16:25

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0830	U	0.110	0.110	1.00	0.183	pCi/L	05/09/25 07:37	06/08/25 19:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.8		30 - 110					05/09/25 07:37	06/08/25 19:22	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.635		0.314	0.319	1.00	0.426	pCi/L	05/09/25 08:37	06/06/25 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.8		30 - 110					05/09/25 08:37	06/06/25 11:45	1
Y Carrier	91.2		30 - 110					05/09/25 08:37	06/06/25 11:45	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.718		0.333	0.337	5.00	0.426	pCi/L		06/09/25 11:49	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-267873-2

Client Sample ID: 2S/3S Duplicate

Lab Sample ID: 500-267873-5

Date Collected: 05/05/25 00:00

Matrix: Water

Date Received: 05/06/25 16:25

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0551	U	0.112	0.112	1.00	0.199	pCi/L	05/09/25 07:37	06/08/25 19:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.3		30 - 110					05/09/25 07:37	06/08/25 19:22	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0612	U	0.289	0.289	1.00	0.522	pCi/L	05/09/25 08:37	06/06/25 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	95.3		30 - 110					05/09/25 08:37	06/06/25 11:45	1
Y Carrier	82.2		30 - 110					05/09/25 08:37	06/06/25 11:45	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.116	U	0.310	0.310	5.00	0.522	pCi/L		06/09/25 11:49	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-267873-2

Client Sample ID: MW-16

Lab Sample ID: 500-267873-6

Date Collected: 05/05/25 13:48

Matrix: Water

Date Received: 05/06/25 16:25

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0482	U	0.105	0.105	1.00	0.191	pCi/L	05/09/25 07:37	06/08/25 19:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					05/09/25 07:37	06/08/25 19:22	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.413	U	0.354	0.356	1.00	0.556	pCi/L	05/09/25 08:37	06/06/25 11:45	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					05/09/25 08:37	06/06/25 11:45	1
Y Carrier	83.4		30 - 110					05/09/25 08:37	06/06/25 11:45	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.461	U	0.369	0.371	5.00	0.556	pCi/L		06/09/25 11:49	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-267873-2

Client Sample ID: MW-17

Lab Sample ID: 500-267873-7

Date Collected: 05/05/25 12:15

Matrix: Water

Date Received: 05/06/25 16:25

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.510		0.190	0.195	1.00	0.215	pCi/L	05/09/25 07:37	06/08/25 19:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.0		30 - 110					05/09/25 07:37	06/08/25 19:22	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.678		0.328	0.334	1.00	0.441	pCi/L	05/09/25 08:37	06/06/25 11:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.0		30 - 110					05/09/25 08:37	06/06/25 11:47	1
Y Carrier	84.1		30 - 110					05/09/25 08:37	06/06/25 11:47	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.19		0.379	0.387	5.00	0.441	pCi/L		06/09/25 11:49	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-267873-2

Client Sample ID: MW-05

Lab Sample ID: 500-267873-8

Date Collected: 05/07/25 10:40

Matrix: Water

Date Received: 05/08/25 08:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0120	U	0.236	0.236	1.00	0.456	pCi/L	05/12/25 07:37	06/05/25 18:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					05/12/25 07:37	06/05/25 18:06	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.598	U	0.404	0.408	1.00	0.610	pCi/L	05/12/25 07:40	06/05/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					05/12/25 07:40	06/05/25 11:57	1
Y Carrier	83.4		30 - 110					05/12/25 07:40	06/05/25 11:57	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.610		0.468	0.471	5.00	0.610	pCi/L		06/09/25 11:49	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-267873-2

Client Sample ID: MW-06

Lab Sample ID: 500-267873-9

Date Collected: 05/07/25 09:13

Matrix: Water

Date Received: 05/08/25 08:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0626	U	0.177	0.177	1.00	0.384	pCi/L	05/12/25 07:37	06/05/25 18:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.8		30 - 110					05/12/25 07:37	06/05/25 18:06	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.166	U	0.385	0.385	1.00	0.673	pCi/L	05/12/25 07:40	06/05/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.8		30 - 110					05/12/25 07:40	06/05/25 11:57	1
Y Carrier	77.8		30 - 110					05/12/25 07:40	06/05/25 11:57	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.104	U	0.424	0.424	5.00	0.673	pCi/L		06/09/25 11:49	1

Definitions/Glossary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-267873-2

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-267873-2

Rad

Prep Batch: 716778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267873-1	MW-09	Total/NA	Water	PrecSep-21	
500-267873-2	MW-10	Total/NA	Water	PrecSep-21	
500-267873-3	MW-11	Total/NA	Water	PrecSep-21	
500-267873-4	MW-12	Total/NA	Water	PrecSep-21	
500-267873-5	2S/3S Duplicate	Total/NA	Water	PrecSep-21	
500-267873-6	MW-16	Total/NA	Water	PrecSep-21	
500-267873-7	MW-17	Total/NA	Water	PrecSep-21	
MB 160-716778/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-716778/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 716785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267873-1	MW-09	Total/NA	Water	PrecSep_0	
500-267873-2	MW-10	Total/NA	Water	PrecSep_0	
500-267873-3	MW-11	Total/NA	Water	PrecSep_0	
500-267873-4	MW-12	Total/NA	Water	PrecSep_0	
500-267873-5	2S/3S Duplicate	Total/NA	Water	PrecSep_0	
500-267873-6	MW-16	Total/NA	Water	PrecSep_0	
500-267873-7	MW-17	Total/NA	Water	PrecSep_0	
MB 160-716785/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-716785/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 717134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267873-8	MW-05	Total/NA	Water	PrecSep-21	
500-267873-9	MW-06	Total/NA	Water	PrecSep-21	
MB 160-717134/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-717134/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 717135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267873-8	MW-05	Total/NA	Water	PrecSep_0	
500-267873-9	MW-06	Total/NA	Water	PrecSep_0	
MB 160-717135/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-717135/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-267873-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-716778/1-A

Matrix: Water

Analysis Batch: 721230

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 716778

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.05026	U	0.129	0.129	1.00	0.273	pCi/L	05/09/25 07:37	06/08/25 15:15	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110					05/09/25 07:37	06/08/25 15:15	1

Lab Sample ID: LCS 160-716778/2-A

Matrix: Water

Analysis Batch: 721231

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 716778

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.004		1.08	1.00	0.233	pCi/L	94	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	80.8		30 - 110							

Lab Sample ID: MB 160-717134/1-A

Matrix: Water

Analysis Batch: 720979

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 717134

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01066	U	0.161	0.161	1.00	0.324	pCi/L	05/12/25 07:37	06/05/25 17:55	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.0		30 - 110					05/12/25 07:37	06/05/25 17:55	1

Lab Sample ID: LCS 160-717134/2-A

Matrix: Water

Analysis Batch: 720979

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 717134

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	8.289		1.15	1.00	0.302	pCi/L	87	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	87.6		30 - 110							

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-716785/1-A

Matrix: Water

Analysis Batch: 721141

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 716785

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5569		0.347	0.351	1.00	0.509	pCi/L	05/09/25 08:37	06/06/25 11:43	1

Eurofins Chicago

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-267873-2

Method: 904.0 - Radium-228 (GFPC) (Continued)

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110	05/09/25 08:37	06/06/25 11:43	1
Y Carrier	86.4		30 - 110	05/09/25 08:37	06/06/25 11:43	1

Lab Sample ID: LCS 160-716785/2-A

Matrix: Water

Analysis Batch: 721141

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 716785

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.38	10.44		1.41	1.00	0.528	pCi/L	111	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	80.8		30 - 110
Y Carrier	84.1		30 - 110

Lab Sample ID: MB 160-717135/1-A

Matrix: Water

Analysis Batch: 720979

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 717135

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2496	U	0.298	0.298	1.00	0.490	pCi/L	05/12/25 07:40	06/05/25 11:54	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	92.0		30 - 110	05/12/25 07:40	06/05/25 11:54	1
Y Carrier	83.0		30 - 110	05/12/25 07:40	06/05/25 11:54	1

Lab Sample ID: LCS 160-717135/2-A

Matrix: Water

Analysis Batch: 720979

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 717135

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.38	9.913		1.35	1.00	0.491	pCi/L	106	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	87.6		30 - 110
Y Carrier	81.1		30 - 110

Eurofins Chicago

18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information		Sampler: <u>Tim Stohner</u>		Lab PM Mockler, Diana J		Carrier Tracking No(s).		COC No: 500-136136-48726 1																																																																											
Client Contact: Mr Tim Stohner		Phone: <u>630-290-6850</u>		E-Mail: Diana.Mockler@et.eurofinsus.com		State of Origin:		Page: Page 1 of 1																																																																											
Company: KPRG and Associates, Inc.		PWSID:		Analysis Requested						Job #: <u>500 267873</u>																																																																									
Address 414 Plaza Drive Suite 106		Due Date Requested		 500-267873 COC						Preservation Codes: D - HNO3 N - None																																																																									
City: Westmont		TAT Requested (days):																																																																																	
State, Zip: IL, 60559		Compliance Project: ☐ Yes ☐ No																																																																																	
Phone:		PO #: 4502187743																																																																																	
Email: tims@kprginc.com		WO #:																																																																																	
Project Name: Will County 2S/3S Event Desc: Quarterly GW Monitoring		Project #: 50011609		Field Filtered Sample (Yes or No) 903.0, 904.0 6010C, 6020A, 7470A 2540C, 4500_F_C, SM4500_CL_E, SM4500_S04_E						Total Number of Containers																																																																									
Site: Illinois		SSOW#:																																																																																	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Preservation Code		Special Instructions/Note:																																																																							
MW-05		—		—		—		Water		X																																																																									
MW-06		—		—		—		Water		X																																																																									
MW-09		5-6-25		10:23		G		Water		N																																																																									
MW-10		5-6-25		09:01		G		Water		N																																																																									
MW-11		5-5-25		14:53		G		Water		N																																																																									
MW-12		5-5-25		11:09		G		Water		N																																																																									
2S/3S Duplicate		5-5-25		—		G		Water		N																																																																									
MW-16		5-5-25		13:48		G		Water		N																																																																									
MW-17		5-5-25		12:15		G		Water		N																																																																									
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological														Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months																																																																					
Deliverable Requested I, II, III, IV, Other (specify)														Special Instructions/QC Requirements																																																																					
Empty Kit Relinquished by:														Date														Time														Method of Shipment:																																									
Relinquished by: <u>[Signature]</u>														Date/Time: <u>5-6-25 16:25</u>														Company: <u>KPRG</u>														Received by: <u>[Signature]</u>														Date/Time: <u>05/06/2025 10:25</u>														Company: <u>EETA</u>													
Relinquished by:														Date/Time:														Company:														Received by:														Date/Time:														Company:													
Relinquished by:														Date/Time:														Company:														Received by:														Date/Time:														Company:													
Custody Seals Intact: ☐ Yes ☐ No														Custody Seal No														Cooler Temperature(s) °C and Other Remarks: <u>1.7 → 2.3; 0.8 → 1.4; 1.2 → 1.8; 2.7 → 3.0</u>														<u>48g +</u>																																									

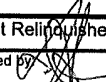
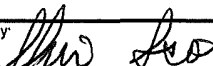
Eurofins Chicago

18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



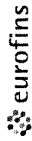
Environment Testing

Client Information		Sampler: <u>IAN IAN HOUICSON</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-136136-48726 1							
Client Contact: Mr Tim Stohner		Phone: <u>630 290 6850</u>		E-Mail: Diana Mockler@et eurofins.com		State of Origin:		Page: Page 1 of 1							
Company: KPRG and Associates, Inc.		PWSID:		Analysis Requested						Job #: <u>508-267873</u>					
Address: 414 Plaza Drive Suite 106		Due Date Requested								Preservation Codes: D - HNO3 N - None					
City: Westmont		TAT Requested (days)								Other:					
State, Zip: IL, 60559		Compliance Project: ☐ Yes ☐ No													
Phone: 500-267873 COC		PO #: 4502187743													
Email: tims@kprginc.com		WO #:		Field Filtered Sample (Yes or No) 903.0, 904.0 6010C, 6020A, 7470A 2540C, 4500_F_C, SM4500_CL_E, SM4500_SO4_E											
Project Name: Will County 2S/3S Event Desc. Quarterly GW Monitoring <u>CCR</u>		Project #: 50011609													
Site: Illinois		SSOW#:													
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Total Number of Containers		Special Instructions/Note:	
MW-05		5-7-25		10:40		G		Water		N		D			
MW-06		5-7-25		09:13		G		Water		N		D			
MW-09		—		—		—		Water							
MW-10		—		—		—		Water							
MW-11		—		—		—		Water							
MW-12		—		—		—		Water							
2S/3S Duplicate		—		—		—		Water							
MW-16		—		—		—		Water							
MW-17		—		—		—		Water							
		—		—		—									
		—		—		—									
Possible Hazard Identification														Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological														☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months	
Deliverable Requested I, II, III, IV, Other (specify)														Special Instructions/QC Requirements	
Empty Kit Relinquished by				Date		Time		Method of Shipment:							
Relinquished by: 				Date/Time: 5-8-25 08:30		Company: KPRG		Received by: 				Date/Time: 5/8/25 08:30		Company: ERTA	
Relinquished by:				Date/Time:		Company:		Received by:				Date/Time:		Company:	
Relinquished by:				Date/Time:		Company:		Received by:				Date/Time:		Company:	
Custody Seals Intact:		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>2.4-70.2</u>											
☐ Yes ☐ No															

Eurofins Chicago

18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:	Lab PM:	Carrier Tracking No(s):	COC No:							
Client Contact:		N/A	Mockler, Diana J	N/A	500-200331.1							
Shipping/Receiving		Phone:	E-Mail:	State of Origin:	Page:							
Company:		N/A	Diana Mockler@et.eurofins.com	Illinois	Page 1 of 1							
TestAmerica Laboratories, Inc.		Accreditations Required (See note):			Job #:							
Address:		NELAP - Illinois			500-267873-2							
City:		Due Date Requested:			Preservation Codes:							
Earth City		6/10/2025										
State Zip:		TAT Requested (days):										
MO. 63045		N/A										
Phone:		PO #:										
314-298-8566(Tel) 314-298-8757(Fax)		N/A										
Email:		WO #:										
N/A		N/A										
Project Name:		Project #:										
Will County CCR (RAD)		50011609										
Site:		SSOW#:										
NRG Midwest Generation Will County		N/A										
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=soil, etc.)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0/PreSep. 21 Standard Target List	904.0/PreSep. 0 Standard Target List	Ra226Ra228 GFC	Total Number of Containers	Special Instructions/Note:
MW-09 (500-267873-1)		5/6/25	10:23 Central	G	Water			X	X	X	3	Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume.
MW-10 (500-267873-2)		5/6/25	09:01 Central	G	Water			X	X	X	3	Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume.
MW-11 (500-267873-3)		5/5/25	14:53 Central	G	Water			X	X	X	3	Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume.
MW-12 (500-267873-4)		5/5/25	11:09 Central	G	Water			X	X	X	3	Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume.
2S/3S Duplicate (500-267873-5)		5/5/25	Central	G	Water			X	X	X	3	Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume.
MW-16 (500-267873-6)		5/5/25	13:48 Central	G	Water			X	X	X	3	Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume.
MW-17 (500-267873-7)		5/5/25	12:15 Central	G	Water			X	X	X	3	Batch QC must be performed (dup. spikes, etc) - no NCMs concerning limited volume.
Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.												
Possible Hazard Identification												
Unconfirmed												
Deliverable Requested: I, II, III, IV, Other (specify)												
Primary Deliverable Rank: 2												
Empty Kit Relinquished by:												
Date/Time: 5/7/25 1600												
Relinquished by: [Signature]												
Relinquished by: Cheyenne Forrest												
Relinquished by: [Signature]												
Relinquished by: [Signature]												
Custody Seal No.: [Signature]												
Custody Seal Intact: [Signature]												
Cooler Temperature(s) °C and Other Remarks:												

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-267873-2

Login Number: 267873

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.3,1.4,1.8,3.0,0.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-267873-2

Login Number: 267873

List Number: 2

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 05/08/25 10:54 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-267873-2

Login Number: 267873

List Number: 3

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 05/09/25 12:11 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-267873-2

Client Sample ID: MW-09

Lab Sample ID: 500-267873-1

Date Collected: 05/06/25 10:23

Matrix: Water

Date Received: 05/06/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			716778	OGC	EET SL	05/09/25 07:37
Total/NA	Analysis	903.0		1	721231	SWS	EET SL	06/08/25 15:16
Total/NA	Prep	PrecSep_0			716785	OGC	EET SL	05/09/25 08:37
Total/NA	Analysis	904.0		1	721141	SWS	EET SL	06/06/25 11:45
Total/NA	Analysis	Ra226_Ra228		1	721503	FLC	EET SL	06/09/25 11:49

Client Sample ID: MW-10

Lab Sample ID: 500-267873-2

Date Collected: 05/06/25 09:01

Matrix: Water

Date Received: 05/06/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			716778	OGC	EET SL	05/09/25 07:37
Total/NA	Analysis	903.0		1	721231	SWS	EET SL	06/08/25 15:16
Total/NA	Prep	PrecSep_0			716785	OGC	EET SL	05/09/25 08:37
Total/NA	Analysis	904.0		1	721141	SWS	EET SL	06/06/25 11:45
Total/NA	Analysis	Ra226_Ra228		1	721503	FLC	EET SL	06/09/25 11:49

Client Sample ID: MW-11

Lab Sample ID: 500-267873-3

Date Collected: 05/05/25 14:53

Matrix: Water

Date Received: 05/06/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			716778	OGC	EET SL	05/09/25 07:37
Total/NA	Analysis	903.0		1	721231	SWS	EET SL	06/08/25 19:22
Total/NA	Prep	PrecSep_0			716785	OGC	EET SL	05/09/25 08:37
Total/NA	Analysis	904.0		1	721141	SWS	EET SL	06/06/25 11:45
Total/NA	Analysis	Ra226_Ra228		1	721503	FLC	EET SL	06/09/25 11:49

Client Sample ID: MW-12

Lab Sample ID: 500-267873-4

Date Collected: 05/05/25 11:09

Matrix: Water

Date Received: 05/06/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			716778	OGC	EET SL	05/09/25 07:37
Total/NA	Analysis	903.0		1	721231	SWS	EET SL	06/08/25 19:22
Total/NA	Prep	PrecSep_0			716785	OGC	EET SL	05/09/25 08:37
Total/NA	Analysis	904.0		1	721141	SWS	EET SL	06/06/25 11:45
Total/NA	Analysis	Ra226_Ra228		1	721503	FLC	EET SL	06/09/25 11:49

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-267873-2

Client Sample ID: 2S/3S Duplicate

Lab Sample ID: 500-267873-5

Date Collected: 05/05/25 00:00

Matrix: Water

Date Received: 05/06/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			716778	OGC	EET SL	05/09/25 07:37
Total/NA	Analysis	903.0		1	721231	SWS	EET SL	06/08/25 19:22
Total/NA	Prep	PrecSep_0			716785	OGC	EET SL	05/09/25 08:37
Total/NA	Analysis	904.0		1	721141	SWS	EET SL	06/06/25 11:45
Total/NA	Analysis	Ra226_Ra228		1	721503	FLC	EET SL	06/09/25 11:49

Client Sample ID: MW-16

Lab Sample ID: 500-267873-6

Date Collected: 05/05/25 13:48

Matrix: Water

Date Received: 05/06/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			716778	OGC	EET SL	05/09/25 07:37
Total/NA	Analysis	903.0		1	721231	SWS	EET SL	06/08/25 19:22
Total/NA	Prep	PrecSep_0			716785	OGC	EET SL	05/09/25 08:37
Total/NA	Analysis	904.0		1	721141	SWS	EET SL	06/06/25 11:45
Total/NA	Analysis	Ra226_Ra228		1	721503	FLC	EET SL	06/09/25 11:49

Client Sample ID: MW-17

Lab Sample ID: 500-267873-7

Date Collected: 05/05/25 12:15

Matrix: Water

Date Received: 05/06/25 16:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			716778	OGC	EET SL	05/09/25 07:37
Total/NA	Analysis	903.0		1	721231	SWS	EET SL	06/08/25 19:22
Total/NA	Prep	PrecSep_0			716785	OGC	EET SL	05/09/25 08:37
Total/NA	Analysis	904.0		1	721141	SWS	EET SL	06/06/25 11:47
Total/NA	Analysis	Ra226_Ra228		1	721503	FLC	EET SL	06/09/25 11:49

Client Sample ID: MW-05

Lab Sample ID: 500-267873-8

Date Collected: 05/07/25 10:40

Matrix: Water

Date Received: 05/08/25 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			717134	BMW	EET SL	05/12/25 07:37
Total/NA	Analysis	903.0		1	720981	FLC	EET SL	06/05/25 18:06
Total/NA	Prep	PrecSep_0			717135	BMW	EET SL	05/12/25 07:40
Total/NA	Analysis	904.0		1	720981	FLC	EET SL	06/05/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	721503	FLC	EET SL	06/09/25 11:49

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-267873-2

Client Sample ID: MW-06
Date Collected: 05/07/25 09:13
Date Received: 05/08/25 08:30

Lab Sample ID: 500-267873-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			717134	BMW	EET SL	05/12/25 07:37
Total/NA	Analysis	903.0		1	720982	FLC	EET SL	06/05/25 18:06
Total/NA	Prep	PrecSep_0			717135	BMW	EET SL	05/12/25 07:40
Total/NA	Analysis	904.0		1	720981	FLC	EET SL	06/05/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	721503	FLC	EET SL	06/09/25 11:49

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Tracer/Carrier Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-267873-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
Lab Sample ID	Client Sample ID	Ba					
		(30-110)					
500-267873-1	MW-09	84.3					
500-267873-2	MW-10	91.8					
500-267873-3	MW-11	79.9					
500-267873-4	MW-12	92.8					
500-267873-5	2S/3S Duplicate	95.3					
500-267873-6	MW-16	87.3					
500-267873-7	MW-17	97.0					
500-267873-8	MW-05	88.8					
500-267873-9	MW-06	82.8					
LCS 160-716778/2-A	Lab Control Sample	80.8					
LCS 160-717134/2-A	Lab Control Sample	87.6					
MB 160-716778/1-A	Method Blank	87.1					
MB 160-717134/1-A	Method Blank	92.0					
Tracer/Carrier Legend							
Ba = Ba Carrier							

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
Lab Sample ID	Client Sample ID	Ba	Y				
		(30-110)	(30-110)				
500-267873-1	MW-09	84.3	88.6				
500-267873-2	MW-10	91.8	83.0				
500-267873-3	MW-11	79.9	86.0				
500-267873-4	MW-12	92.8	91.2				
500-267873-5	2S/3S Duplicate	95.3	82.2				
500-267873-6	MW-16	87.3	83.4				
500-267873-7	MW-17	97.0	84.1				
500-267873-8	MW-05	88.8	83.4				
500-267873-9	MW-06	82.8	77.8				
LCS 160-716785/2-A	Lab Control Sample	80.8	84.1				
LCS 160-717135/2-A	Lab Control Sample	87.6	81.1				
MB 160-716785/1-A	Method Blank	87.1	86.4				
MB 160-717135/1-A	Method Blank	92.0	83.0				
Tracer/Carrier Legend							
Ba = Ba Carrier							
Y = Y Carrier							

ANALYTICAL REPORT

PREPARED FOR

Attn: James Thorne
Midwest Generation EME LLC
1800 Channahon Road
Joliet, Illinois 60436

Generated 8/25/2025 2:53:20 PM

JOB DESCRIPTION

Will County CCR

JOB NUMBER

500-272608-1

Eurofins Chicago

Job Notes

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Authorization



Generated
8/25/2025 2:53:20 PM

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Case Narrative

Client: Midwest Generation EME LLC
Project: Will County CCR

Job ID: 500-272608-1

Job ID: 500-272608-1

Eurofins Chicago

Job Narrative 500-272608-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 8/5/2025 4:22 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 2.9°C, 4.9°C, 5.5°C and 5.6°C.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Chicago

Method Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury (CVAA)	SW846	EET CHI
300.0	Anions, Ion Chromatography	EPA	EET CHI
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CHI
SM 4500 F C	Fluoride	SM	EET CHI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Sample Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-272608-1	MW-05	Water	08/05/25 09:01	08/05/25 16:22	Illinois
500-272608-2	MW-06	Water	08/05/25 10:21	08/05/25 16:22	Illinois
500-272608-3	MW-09	Water	08/05/25 14:06	08/05/25 16:22	Illinois
500-272608-4	MW-10	Water	08/05/25 11:16	08/05/25 16:22	Illinois
500-272608-5	MW-11	Water	08/01/25 11:43	08/05/25 16:22	Illinois
500-272608-6	MW-12	Water	08/04/25 11:02	08/05/25 16:22	Illinois
500-272608-7	2S/3S Duplicate	Water	08/01/25 00:00	08/05/25 16:22	Illinois
500-272608-8	MW-16	Water	08/01/25 12:54	08/05/25 16:22	Illinois
500-272608-9	MW-17	Water	08/01/25 14:42	08/05/25 16:22	Illinois

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Client Sample ID: MW-05

Lab Sample ID: 500-272608-1

Date Collected: 08/05/25 09:01

Matrix: Water

Date Received: 08/05/25 16:22

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0011		0.0010		mg/L		08/08/25 14:16	08/15/25 14:30	1
Boron	4.0		0.050		mg/L		08/08/25 14:16	08/18/25 15:47	1
Barium	0.061		0.0025		mg/L		08/08/25 14:16	08/15/25 14:30	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:16	08/18/25 15:47	1
Calcium	160		0.20		mg/L		08/08/25 14:16	08/15/25 14:30	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:30	1
Cobalt	<0.0010		0.0010		mg/L		08/08/25 14:16	08/15/25 14:30	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:16	08/15/25 14:30	1
Molybdenum	0.039		0.0050		mg/L		08/08/25 14:16	08/15/25 14:30	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:30	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:16	08/15/25 14:30	1
Selenium	0.046		0.0025		mg/L		08/08/25 14:16	08/15/25 14:30	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:16	08/15/25 14:30	1
Lithium	0.020		0.010		mg/L		08/08/25 14:16	08/15/25 14:30	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/13/25 10:05	08/14/25 08:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	19		10		mg/L			08/16/25 11:42	10
Sulfate (EPA 300.0)	310		10		mg/L			08/16/25 11:42	10
Total Dissolved Solids (SM 2540C)	980		10		mg/L			08/06/25 04:23	1
Fluoride (SM 4500 F C)	0.67		0.10		mg/L			08/11/25 17:58	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Client Sample ID: MW-06

Lab Sample ID: 500-272608-2

Date Collected: 08/05/25 10:21

Matrix: Water

Date Received: 08/05/25 16:22

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0012		0.0010		mg/L		08/08/25 14:16	08/15/25 14:32	1
Boron	2.4		0.050		mg/L		08/08/25 14:16	08/18/25 15:49	1
Barium	0.078		0.0025		mg/L		08/08/25 14:16	08/15/25 14:32	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:16	08/18/25 15:49	1
Calcium	110		0.20		mg/L		08/08/25 14:16	08/15/25 14:32	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:32	1
Cobalt	<0.0010		0.0010		mg/L		08/08/25 14:16	08/15/25 14:32	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:16	08/15/25 14:32	1
Molybdenum	0.026		0.0050		mg/L		08/08/25 14:16	08/15/25 14:32	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:32	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:16	08/15/25 14:32	1
Selenium	<0.0025		0.0025		mg/L		08/08/25 14:16	08/15/25 14:32	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:16	08/15/25 14:32	1
Lithium	0.019		0.010		mg/L		08/08/25 14:16	08/15/25 14:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/13/25 10:05	08/14/25 08:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	11		1.0		mg/L			08/16/25 11:57	1
Sulfate (EPA 300.0)	160		1.0		mg/L			08/16/25 11:57	1
Total Dissolved Solids (SM 2540C)	660		10		mg/L			08/06/25 04:26	1
Fluoride (SM 4500 F C)	0.53		0.10		mg/L			08/11/25 18:04	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Client Sample ID: MW-09

Lab Sample ID: 500-272608-3

Date Collected: 08/05/25 14:06

Matrix: Water

Date Received: 08/05/25 16:22

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0091		0.0010		mg/L		08/08/25 14:16	08/15/25 14:34	1
Boron	2.0		0.050		mg/L		08/08/25 14:16	08/18/25 15:52	1
Barium	0.034		0.0025		mg/L		08/08/25 14:16	08/15/25 14:34	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:16	08/18/25 15:52	1
Calcium	37		0.20		mg/L		08/08/25 14:16	08/15/25 14:34	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:34	1
Cobalt	<0.0010		0.0010		mg/L		08/08/25 14:16	08/15/25 14:34	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:16	08/15/25 14:34	1
Molybdenum	0.077		0.0050		mg/L		08/08/25 14:16	08/15/25 14:34	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:34	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:16	08/15/25 14:34	1
Selenium	<0.0025		0.0025		mg/L		08/08/25 14:16	08/15/25 14:34	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:16	08/15/25 14:34	1
Lithium	<0.010		0.010		mg/L		08/08/25 14:16	08/15/25 14:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/13/25 10:05	08/14/25 08:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	170		10		mg/L			08/16/25 12:13	10
Sulfate (EPA 300.0)	270		10		mg/L			08/16/25 12:13	10
Total Dissolved Solids (SM 2540C)	760		10		mg/L			08/06/25 04:28	1
Fluoride (SM 4500 F C)	0.73		0.10		mg/L			08/11/25 18:37	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Client Sample ID: MW-10

Lab Sample ID: 500-272608-4

Date Collected: 08/05/25 11:16

Matrix: Water

Date Received: 08/05/25 16:22

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.014		0.0010		mg/L		08/08/25 14:16	08/15/25 14:36	1
Boron	3.9		0.050		mg/L		08/08/25 14:16	08/18/25 15:54	1
Barium	0.12		0.0025		mg/L		08/08/25 14:16	08/15/25 14:36	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:16	08/18/25 15:54	1
Calcium	140		0.20		mg/L		08/08/25 14:16	08/15/25 14:36	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:36	1
Cobalt	<0.0010		0.0010		mg/L		08/08/25 14:16	08/15/25 14:36	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:16	08/15/25 14:36	1
Molybdenum	0.061		0.0050		mg/L		08/08/25 14:16	08/15/25 14:36	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:36	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:16	08/15/25 14:36	1
Selenium	<0.0025		0.0025		mg/L		08/08/25 14:16	08/15/25 14:36	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:16	08/15/25 14:36	1
Lithium	0.018		0.010		mg/L		08/08/25 14:16	08/15/25 14:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/13/25 10:05	08/14/25 08:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	150		10		mg/L			08/16/25 12:28	10
Sulfate (EPA 300.0)	210		10		mg/L			08/16/25 12:28	10
Total Dissolved Solids (SM 2540C)	930		10		mg/L			08/06/25 04:31	1
Fluoride (SM 4500 F C)	1.0		0.10		mg/L			08/11/25 18:09	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Client Sample ID: MW-11

Lab Sample ID: 500-272608-5

Date Collected: 08/01/25 11:43

Matrix: Water

Date Received: 08/05/25 16:22

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0098		0.0010		mg/L		08/08/25 14:16	08/15/25 14:39	1
Boron	2.7		0.050		mg/L		08/08/25 14:16	08/19/25 10:45	1
Barium	0.15		0.0025		mg/L		08/08/25 14:16	08/15/25 14:39	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:16	08/18/25 14:31	1
Calcium	120		0.20		mg/L		08/08/25 14:16	08/15/25 14:39	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:39	1
Cobalt	<0.0010		0.0010		mg/L		08/08/25 14:16	08/15/25 14:39	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:16	08/15/25 14:39	1
Molybdenum	0.037		0.0050		mg/L		08/08/25 14:16	08/15/25 14:39	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:39	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:16	08/15/25 14:39	1
Selenium	<0.0025		0.0025		mg/L		08/08/25 14:16	08/15/25 14:39	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:16	08/15/25 14:39	1
Lithium	0.010		0.010		mg/L		08/08/25 14:16	08/15/25 14:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/13/25 10:05	08/14/25 08:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	120		1.0		mg/L			08/16/25 12:43	1
Sulfate (EPA 300.0)	70		1.0		mg/L			08/16/25 12:43	1
Total Dissolved Solids (SM 2540C)	800		10		mg/L			08/06/25 04:33	1
Fluoride (SM 4500 F C)	0.72		0.10		mg/L			08/11/25 18:13	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Client Sample ID: MW-12

Lab Sample ID: 500-272608-6

Date Collected: 08/04/25 11:02

Matrix: Water

Date Received: 08/05/25 16:22

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0013		0.0010		mg/L		08/08/25 14:16	08/15/25 14:45	1
Boron	2.1		0.050		mg/L		08/08/25 14:16	08/19/25 10:47	1
Barium	0.12		0.0025		mg/L		08/08/25 14:16	08/15/25 14:45	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:16	08/18/25 14:33	1
Calcium	160		0.20		mg/L		08/08/25 14:16	08/15/25 14:45	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:45	1
Cobalt	<0.0010		0.0010		mg/L		08/08/25 14:16	08/15/25 14:45	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:16	08/15/25 14:45	1
Molybdenum	0.024		0.0050		mg/L		08/08/25 14:16	08/15/25 14:45	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:45	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:16	08/15/25 14:45	1
Selenium	0.0033		0.0025		mg/L		08/08/25 14:16	08/15/25 14:45	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:16	08/15/25 14:45	1
Lithium	0.014		0.010		mg/L		08/08/25 14:16	08/15/25 14:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/13/25 10:05	08/14/25 08:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	140		10		mg/L			08/16/25 13:29	10
Sulfate (EPA 300.0)	160		10		mg/L			08/16/25 13:29	10
Total Dissolved Solids (SM 2540C)	980		10		mg/L			08/06/25 04:36	1
Fluoride (SM 4500 F C)	0.61		0.10		mg/L			08/11/25 18:18	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Client Sample ID: 2S/3S Duplicate

Lab Sample ID: 500-272608-7

Date Collected: 08/01/25 00:00

Matrix: Water

Date Received: 08/05/25 16:22

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0077		0.0010		mg/L		08/08/25 14:16	08/15/25 14:48	1
Boron	2.8		0.050		mg/L		08/08/25 14:16	08/19/25 10:50	1
Barium	0.15		0.0025		mg/L		08/08/25 14:16	08/15/25 14:48	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:16	08/18/25 14:35	1
Calcium	120		0.20		mg/L		08/08/25 14:16	08/15/25 14:48	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:48	1
Cobalt	<0.0010		0.0010		mg/L		08/08/25 14:16	08/15/25 14:48	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:16	08/15/25 14:48	1
Molybdenum	0.039		0.0050		mg/L		08/08/25 14:16	08/15/25 14:48	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:48	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:16	08/15/25 14:48	1
Selenium	<0.0025		0.0025		mg/L		08/08/25 14:16	08/15/25 14:48	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:16	08/15/25 14:48	1
Lithium	<0.010		0.010		mg/L		08/08/25 14:16	08/15/25 14:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/13/25 10:05	08/14/25 08:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	120		10		mg/L			08/16/25 13:44	10
Sulfate (EPA 300.0)	76		10		mg/L			08/16/25 13:44	10
Total Dissolved Solids (SM 2540C)	750		10		mg/L			08/06/25 04:39	1
Fluoride (SM 4500 F C)	0.65		0.10		mg/L			08/11/25 18:21	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Client Sample ID: MW-16

Lab Sample ID: 500-272608-8

Date Collected: 08/01/25 12:54

Matrix: Water

Date Received: 08/05/25 16:22

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		08/08/25 14:16	08/15/25 14:50	1
Boron	1.2		0.050		mg/L		08/08/25 14:16	08/19/25 10:52	1
Barium	0.10		0.0025		mg/L		08/08/25 14:16	08/15/25 14:50	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:16	08/18/25 14:38	1
Calcium	150		0.20		mg/L		08/08/25 14:16	08/15/25 14:50	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:50	1
Cobalt	0.0018		0.0010		mg/L		08/08/25 14:16	08/15/25 14:50	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:16	08/15/25 14:50	1
Molybdenum	0.0095		0.0050		mg/L		08/08/25 14:16	08/15/25 14:50	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:50	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:16	08/15/25 14:50	1
Selenium	<0.0025		0.0025		mg/L		08/08/25 14:16	08/15/25 14:50	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:16	08/15/25 14:50	1
Lithium	0.014		0.010		mg/L		08/08/25 14:16	08/15/25 14:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/13/25 10:05	08/14/25 08:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	140		10		mg/L			08/16/25 14:00	10
Sulfate (EPA 300.0)	190		10		mg/L			08/16/25 14:00	10
Total Dissolved Solids (SM 2540C)	940		10		mg/L			08/06/25 04:41	1
Fluoride (SM 4500 F C)	0.67		0.10		mg/L			08/11/25 19:06	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Client Sample ID: MW-17

Lab Sample ID: 500-272608-9

Date Collected: 08/01/25 14:42

Matrix: Water

Date Received: 08/05/25 16:22

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0068		0.0010		mg/L		08/08/25 14:16	08/15/25 14:52	1
Boron	2.9		0.050		mg/L		08/08/25 14:16	08/18/25 14:51	1
Barium	0.055		0.0025		mg/L		08/08/25 14:16	08/15/25 14:52	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:16	08/18/25 14:51	1
Calcium	62		0.20		mg/L		08/08/25 14:16	08/15/25 14:52	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:52	1
Cobalt	<0.0010		0.0010		mg/L		08/08/25 14:16	08/15/25 14:52	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:16	08/15/25 14:52	1
Molybdenum	0.12		0.0050		mg/L		08/08/25 14:16	08/15/25 14:52	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 14:52	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:16	08/15/25 14:52	1
Selenium	<0.0025		0.0025		mg/L		08/08/25 14:16	08/15/25 14:52	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:16	08/15/25 14:52	1
Lithium	0.018		0.010		mg/L		08/08/25 14:16	08/15/25 14:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/13/25 10:05	08/14/25 08:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	140		10		mg/L			08/16/25 14:15	10
Sulfate (EPA 300.0)	330		10		mg/L			08/16/25 14:15	10
Total Dissolved Solids (SM 2540C)	800		10		mg/L			08/06/25 04:44	1
Fluoride (SM 4500 F C)	0.95		0.10		mg/L			08/11/25 19:12	1

Definitions/Glossary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Qualifiers

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Metals

Prep Batch: 829324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272608-1	MW-05	Total Recoverable	Water	3005A	
500-272608-2	MW-06	Total Recoverable	Water	3005A	
500-272608-3	MW-09	Total Recoverable	Water	3005A	
500-272608-4	MW-10	Total Recoverable	Water	3005A	
500-272608-5	MW-11	Total Recoverable	Water	3005A	
500-272608-6	MW-12	Total Recoverable	Water	3005A	
500-272608-7	2S/3S Duplicate	Total Recoverable	Water	3005A	
500-272608-8	MW-16	Total Recoverable	Water	3005A	
500-272608-9	MW-17	Total Recoverable	Water	3005A	
MB 500-829324/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-829324/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 829880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272608-1	MW-05	Total/NA	Water	7470A	
500-272608-2	MW-06	Total/NA	Water	7470A	
500-272608-3	MW-09	Total/NA	Water	7470A	
500-272608-4	MW-10	Total/NA	Water	7470A	
500-272608-5	MW-11	Total/NA	Water	7470A	
500-272608-6	MW-12	Total/NA	Water	7470A	
500-272608-7	2S/3S Duplicate	Total/NA	Water	7470A	
500-272608-8	MW-16	Total/NA	Water	7470A	
500-272608-9	MW-17	Total/NA	Water	7470A	
MB 500-829880/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-829880/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 830084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272608-1	MW-05	Total/NA	Water	7470A	829880
500-272608-2	MW-06	Total/NA	Water	7470A	829880
500-272608-3	MW-09	Total/NA	Water	7470A	829880
500-272608-4	MW-10	Total/NA	Water	7470A	829880
500-272608-5	MW-11	Total/NA	Water	7470A	829880
500-272608-6	MW-12	Total/NA	Water	7470A	829880
500-272608-7	2S/3S Duplicate	Total/NA	Water	7470A	829880
500-272608-8	MW-16	Total/NA	Water	7470A	829880
500-272608-9	MW-17	Total/NA	Water	7470A	829880
MB 500-829880/12-A	Method Blank	Total/NA	Water	7470A	829880
LCS 500-829880/13-A	Lab Control Sample	Total/NA	Water	7470A	829880

Analysis Batch: 830406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272608-1	MW-05	Total Recoverable	Water	6020B	829324
500-272608-2	MW-06	Total Recoverable	Water	6020B	829324
500-272608-3	MW-09	Total Recoverable	Water	6020B	829324
500-272608-4	MW-10	Total Recoverable	Water	6020B	829324
500-272608-5	MW-11	Total Recoverable	Water	6020B	829324
500-272608-6	MW-12	Total Recoverable	Water	6020B	829324
500-272608-7	2S/3S Duplicate	Total Recoverable	Water	6020B	829324
500-272608-8	MW-16	Total Recoverable	Water	6020B	829324
500-272608-9	MW-17	Total Recoverable	Water	6020B	829324

Eurofins Chicago

QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Metals (Continued)

Analysis Batch: 830406 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-829324/1-A	Method Blank	Total Recoverable	Water	6020B	829324
LCS 500-829324/2-A	Lab Control Sample	Total Recoverable	Water	6020B	829324

Analysis Batch: 830559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272608-1	MW-05	Total Recoverable	Water	6020B	829324
500-272608-2	MW-06	Total Recoverable	Water	6020B	829324
500-272608-3	MW-09	Total Recoverable	Water	6020B	829324
500-272608-4	MW-10	Total Recoverable	Water	6020B	829324
500-272608-5	MW-11	Total Recoverable	Water	6020B	829324
500-272608-6	MW-12	Total Recoverable	Water	6020B	829324
500-272608-7	2S/3S Duplicate	Total Recoverable	Water	6020B	829324
500-272608-8	MW-16	Total Recoverable	Water	6020B	829324
500-272608-9	MW-17	Total Recoverable	Water	6020B	829324
MB 500-829324/1-A	Method Blank	Total Recoverable	Water	6020B	829324
LCS 500-829324/2-A	Lab Control Sample	Total Recoverable	Water	6020B	829324

Analysis Batch: 830662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272608-5	MW-11	Total Recoverable	Water	6020B	829324
500-272608-6	MW-12	Total Recoverable	Water	6020B	829324
500-272608-7	2S/3S Duplicate	Total Recoverable	Water	6020B	829324
500-272608-8	MW-16	Total Recoverable	Water	6020B	829324

General Chemistry

Analysis Batch: 828798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272608-1	MW-05	Total/NA	Water	SM 2540C	
500-272608-2	MW-06	Total/NA	Water	SM 2540C	
500-272608-3	MW-09	Total/NA	Water	SM 2540C	
500-272608-4	MW-10	Total/NA	Water	SM 2540C	
500-272608-5	MW-11	Total/NA	Water	SM 2540C	
500-272608-6	MW-12	Total/NA	Water	SM 2540C	
500-272608-7	2S/3S Duplicate	Total/NA	Water	SM 2540C	
500-272608-8	MW-16	Total/NA	Water	SM 2540C	
500-272608-9	MW-17	Total/NA	Water	SM 2540C	
MB 500-828798/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-828798/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 829583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272608-1	MW-05	Total/NA	Water	SM 4500 F C	
500-272608-2	MW-06	Total/NA	Water	SM 4500 F C	
500-272608-3	MW-09	Total/NA	Water	SM 4500 F C	
500-272608-4	MW-10	Total/NA	Water	SM 4500 F C	
500-272608-5	MW-11	Total/NA	Water	SM 4500 F C	
500-272608-6	MW-12	Total/NA	Water	SM 4500 F C	
500-272608-7	2S/3S Duplicate	Total/NA	Water	SM 4500 F C	
500-272608-8	MW-16	Total/NA	Water	SM 4500 F C	
500-272608-9	MW-17	Total/NA	Water	SM 4500 F C	

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QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

General Chemistry (Continued)

Analysis Batch: 829583 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-829583/61	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-829583/89	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-829583/62	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-829583/90	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-272608-3 MS	MW-09	Total/NA	Water	SM 4500 F C	
500-272608-3 MSD	MW-09	Total/NA	Water	SM 4500 F C	

Analysis Batch: 830340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272608-1	MW-05	Total/NA	Water	300.0	
500-272608-2	MW-06	Total/NA	Water	300.0	
500-272608-3	MW-09	Total/NA	Water	300.0	
500-272608-4	MW-10	Total/NA	Water	300.0	
500-272608-5	MW-11	Total/NA	Water	300.0	
500-272608-6	MW-12	Total/NA	Water	300.0	
500-272608-7	2S/3S Duplicate	Total/NA	Water	300.0	
500-272608-8	MW-16	Total/NA	Water	300.0	
500-272608-9	MW-17	Total/NA	Water	300.0	
MB 500-830340/3	Method Blank	Total/NA	Water	300.0	
LCS 500-830340/4	Lab Control Sample	Total/NA	Water	300.0	

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-829324/1-A

Matrix: Water

Analysis Batch: 830406

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 829324

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010		mg/L		08/08/25 14:16	08/15/25 13:06	1
Boron	<0.050	^+	0.050		mg/L		08/08/25 14:16	08/15/25 13:06	1
Barium	<0.0025		0.0025		mg/L		08/08/25 14:16	08/15/25 13:06	1
Calcium	<0.20		0.20		mg/L		08/08/25 14:16	08/15/25 13:06	1
Cadmium	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 13:06	1
Cobalt	<0.0010		0.0010		mg/L		08/08/25 14:16	08/15/25 13:06	1
Chromium	<0.0050		0.0050		mg/L		08/08/25 14:16	08/15/25 13:06	1
Molybdenum	<0.0050		0.0050		mg/L		08/08/25 14:16	08/15/25 13:06	1
Lead	<0.00050		0.00050		mg/L		08/08/25 14:16	08/15/25 13:06	1
Antimony	<0.0030		0.0030		mg/L		08/08/25 14:16	08/15/25 13:06	1
Selenium	<0.0025		0.0025		mg/L		08/08/25 14:16	08/15/25 13:06	1
Thallium	<0.0020		0.0020		mg/L		08/08/25 14:16	08/15/25 13:06	1
Lithium	<0.010		0.010		mg/L		08/08/25 14:16	08/15/25 13:06	1

Lab Sample ID: MB 500-829324/1-A

Matrix: Water

Analysis Batch: 830559

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 829324

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.050		0.050		mg/L		08/08/25 14:16	08/18/25 13:19	1
Beryllium	<0.0010		0.0010		mg/L		08/08/25 14:16	08/18/25 13:19	1

Lab Sample ID: LCS 500-829324/2-A

Matrix: Water

Analysis Batch: 830406

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 829324

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.100		mg/L		100	80 - 120
Barium	2.00	2.14		mg/L		107	80 - 120
Calcium	10.0	8.40		mg/L		84	80 - 120
Cadmium	0.0500	0.0505		mg/L		101	80 - 120
Cobalt	0.500	0.505		mg/L		101	80 - 120
Chromium	0.200	0.196		mg/L		98	80 - 120
Molybdenum	1.00	0.993		mg/L		99	80 - 120
Lead	0.100	0.101		mg/L		101	80 - 120
Antimony	0.500	0.508		mg/L		102	80 - 120
Selenium	0.100	0.0975		mg/L		97	80 - 120
Thallium	0.100	0.105		mg/L		105	80 - 120
Lithium	0.500	0.497		mg/L		99	80 - 120

Lab Sample ID: LCS 500-829324/2-A

Matrix: Water

Analysis Batch: 830559

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 829324

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.979		mg/L		98	80 - 120
Beryllium	0.0500	0.0512		mg/L		102	80 - 120

Eurofins Chicago

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-829880/12-A
Matrix: Water
Analysis Batch: 830084

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 829880

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		08/13/25 10:05	08/14/25 08:36	1

Lab Sample ID: LCS 500-829880/13-A
Matrix: Water
Analysis Batch: 830084

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 829880

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00209		mg/L		105	80 - 120

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-830340/3
Matrix: Water
Analysis Batch: 830340

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0		mg/L			08/16/25 10:26	1
Sulfate	<1.0		1.0		mg/L			08/16/25 10:26	1

Lab Sample ID: LCS 500-830340/4
Matrix: Water
Analysis Batch: 830340

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	100	100		mg/L		100	90 - 110
Sulfate	100	102		mg/L		102	90 - 110

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 500-828798/1
Matrix: Water
Analysis Batch: 828798

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			08/06/25 03:50	1

Lab Sample ID: LCS 500-828798/2
Matrix: Water
Analysis Batch: 828798

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	260		mg/L		104	80 - 120

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-829583/61
Matrix: Water
Analysis Batch: 829583

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			08/11/25 16:16	1

Eurofins Chicago

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-829583/89

Matrix: Water

Analysis Batch: 829583

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			08/11/25 18:26	1

Lab Sample ID: LCS 500-829583/62

Matrix: Water

Analysis Batch: 829583

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.33		mg/L		93	90 - 119

Lab Sample ID: LCS 500-829583/90

Matrix: Water

Analysis Batch: 829583

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.44		mg/L		94	90 - 119

Lab Sample ID: 500-272608-3 MS

Matrix: Water

Analysis Batch: 829583

Client Sample ID: MW-09

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.73		5.00	6.56		mg/L		117	75 - 125

Lab Sample ID: 500-272608-3 MSD

Matrix: Water

Analysis Batch: 829583

Client Sample ID: MW-09

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.73		5.00	6.87		mg/L		123	75 - 125	5	20

Environment Testing

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Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-272608-1

Login Number: 272608

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9,5.6,5.5,4.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Client Sample ID: MW-05

Lab Sample ID: 500-272608-1

Date Collected: 08/05/25 09:01

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830406	RN	EET CHI	08/15/25 14:30
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830559	RN	EET CHI	08/18/25 15:47
Total/NA	Prep	7470A			829880	MJG	EET CHI	08/13/25 10:05 - 08/13/25 12:05 ¹
Total/NA	Analysis	7470A		1	830084	MJG	EET CHI	08/14/25 08:40
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 11:42
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:23
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 17:58

Client Sample ID: MW-06

Lab Sample ID: 500-272608-2

Date Collected: 08/05/25 10:21

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830406	RN	EET CHI	08/15/25 14:32
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830559	RN	EET CHI	08/18/25 15:49
Total/NA	Prep	7470A			829880	MJG	EET CHI	08/13/25 10:05 - 08/13/25 12:05 ¹
Total/NA	Analysis	7470A		1	830084	MJG	EET CHI	08/14/25 08:42
Total/NA	Analysis	300.0		1	830340	MM	EET CHI	08/16/25 11:57
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:26
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 18:04

Client Sample ID: MW-09

Lab Sample ID: 500-272608-3

Date Collected: 08/05/25 14:06

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830406	RN	EET CHI	08/15/25 14:34
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830559	RN	EET CHI	08/18/25 15:52
Total/NA	Prep	7470A			829880	MJG	EET CHI	08/13/25 10:05 - 08/13/25 12:05 ¹
Total/NA	Analysis	7470A		1	830084	MJG	EET CHI	08/14/25 08:44
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 12:13
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:28
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 18:37

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Client Sample ID: MW-10

Lab Sample ID: 500-272608-4

Date Collected: 08/05/25 11:16

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830406	RN	EET CHI	08/15/25 14:36
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830559	RN	EET CHI	08/18/25 15:54
Total/NA	Prep	7470A			829880	MJG	EET CHI	08/13/25 10:05 - 08/13/25 12:05 ¹
Total/NA	Analysis	7470A		1	830084	MJG	EET CHI	08/14/25 08:46
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 12:28
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:31
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 18:09

Client Sample ID: MW-11

Lab Sample ID: 500-272608-5

Date Collected: 08/01/25 11:43

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830406	RN	EET CHI	08/15/25 14:39
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830559	RN	EET CHI	08/18/25 14:31
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830662	RN	EET CHI	08/19/25 10:45
Total/NA	Prep	7470A			829880	MJG	EET CHI	08/13/25 10:05 - 08/13/25 12:05 ¹
Total/NA	Analysis	7470A		1	830084	MJG	EET CHI	08/14/25 08:48
Total/NA	Analysis	300.0		1	830340	MM	EET CHI	08/16/25 12:43
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:33
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 18:13

Client Sample ID: MW-12

Lab Sample ID: 500-272608-6

Date Collected: 08/04/25 11:02

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830406	RN	EET CHI	08/15/25 14:45
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830559	RN	EET CHI	08/18/25 14:33
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830662	RN	EET CHI	08/19/25 10:47
Total/NA	Prep	7470A			829880	MJG	EET CHI	08/13/25 10:05 - 08/13/25 12:05 ¹
Total/NA	Analysis	7470A		1	830084	MJG	EET CHI	08/14/25 08:50
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 13:29
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:36
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 18:18

Eurofins Chicago

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Client Sample ID: 2S/3S Duplicate

Lab Sample ID: 500-272608-7

Date Collected: 08/01/25 00:00

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830406	RN	EET CHI	08/15/25 14:48
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830559	RN	EET CHI	08/18/25 14:35
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830662	RN	EET CHI	08/19/25 10:50
Total/NA	Prep	7470A			829880	MJG	EET CHI	08/13/25 10:05 - 08/13/25 12:05 ¹
Total/NA	Analysis	7470A		1	830084	MJG	EET CHI	08/14/25 08:51
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 13:44
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:39
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 18:21

Client Sample ID: MW-16

Lab Sample ID: 500-272608-8

Date Collected: 08/01/25 12:54

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830406	RN	EET CHI	08/15/25 14:50
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830559	RN	EET CHI	08/18/25 14:38
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830662	RN	EET CHI	08/19/25 10:52
Total/NA	Prep	7470A			829880	MJG	EET CHI	08/13/25 10:05 - 08/13/25 12:05 ¹
Total/NA	Analysis	7470A		1	830084	MJG	EET CHI	08/14/25 08:53
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 14:00
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:41
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 19:06

Client Sample ID: MW-17

Lab Sample ID: 500-272608-9

Date Collected: 08/01/25 14:42

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830406	RN	EET CHI	08/15/25 14:52
Total Recoverable	Prep	3005A			829324	MS	EET CHI	08/08/25 14:16 - 08/08/25 20:16 ¹
Total Recoverable	Analysis	6020B		1	830559	RN	EET CHI	08/18/25 14:51
Total/NA	Prep	7470A			829880	MJG	EET CHI	08/13/25 10:05 - 08/13/25 12:05 ¹
Total/NA	Analysis	7470A		1	830084	MJG	EET CHI	08/14/25 08:59
Total/NA	Analysis	300.0		10	830340	MM	EET CHI	08/16/25 14:15
Total/NA	Analysis	SM 2540C		1	828798	CLB	EET CHI	08/06/25 04:44
Total/NA	Analysis	SM 4500 F C		1	829583	AC	EET CHI	08/11/25 19:12

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Eurofins Chicago

Client: Midwest Generation EME LLC
Project/Site: Will County CCR

Job ID: 500-272608-1

Laboratory References:
EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

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ANALYTICAL REPORT

PREPARED FOR

Attn: James Thorne
Midwest Generation EME LLC
1800 Channahon Road
Joliet, Illinois 60436

Generated 09/04/25 14:09:22

JOB DESCRIPTION

Will County CCR (RAD)

JOB NUMBER

500-272608-2

Eurofins Chicago

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



Generated
09/04/25 14:09:22

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Case Narrative

Client: Midwest Generation EME LLC
Project: Will County CCR (RAD)

Job ID: 500-272608-2

Job ID: 500-272608-2

Eurofins Chicago

Job Narrative 500-272608-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 8/5/2025 4:22 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 2.9°C, 4.9°C, 5.5°C and 5.6°C.

Gas Flow Proportional Counter

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Chicago

Method Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-272608-2

Method	Method Description	Protocol	Laboratory
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-272608-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-272608-1	MW-05	Water	08/05/25 09:01	08/05/25 16:22	Illinois
500-272608-2	MW-06	Water	08/05/25 10:21	08/05/25 16:22	Illinois
500-272608-3	MW-09	Water	08/05/25 14:06	08/05/25 16:22	Illinois
500-272608-4	MW-10	Water	08/05/25 11:16	08/05/25 16:22	Illinois
500-272608-5	MW-11	Water	08/01/25 11:43	08/05/25 16:22	Illinois
500-272608-6	MW-12	Water	08/04/25 11:02	08/05/25 16:22	Illinois
500-272608-7	2S/3S Duplicate	Water	08/01/25 00:00	08/05/25 16:22	Illinois
500-272608-8	MW-16	Water	08/01/25 12:54	08/05/25 16:22	Illinois
500-272608-9	MW-17	Water	08/01/25 14:42	08/05/25 16:22	Illinois

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-272608-2

Client Sample ID: MW-05

Lab Sample ID: 500-272608-1

Date Collected: 08/05/25 09:01

Matrix: Water

Date Received: 08/05/25 16:22

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.213	U	0.225	0.226	1.00	0.361	pCi/L	08/08/25 08:26	09/03/25 17:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.8		30 - 110					08/08/25 08:26	09/03/25 17:06	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.00		0.520	0.529	1.00	0.748	pCi/L	08/08/25 08:43	09/03/25 12:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.8		30 - 110					08/08/25 08:43	09/03/25 12:03	1
Y Carrier	66.2		30 - 110					08/08/25 08:43	09/03/25 12:03	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.21		0.567	0.575	5.00	0.748	pCi/L		09/04/25 13:50	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-272608-2

Client Sample ID: MW-06

Lab Sample ID: 500-272608-2

Date Collected: 08/05/25 10:21

Matrix: Water

Date Received: 08/05/25 16:22

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.173	U	0.236	0.236	1.00	0.397	pCi/L	08/08/25 08:26	09/03/25 17:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					08/08/25 08:26	09/03/25 17:06	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0204	U	0.377	0.377	1.00	0.692	pCi/L	08/08/25 08:43	09/03/25 12:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					08/08/25 08:43	09/03/25 12:03	1
Y Carrier	74.4		30 - 110					08/08/25 08:43	09/03/25 12:03	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.194	U	0.445	0.445	5.00	0.692	pCi/L		09/04/25 13:50	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-272608-2

Client Sample ID: MW-09

Lab Sample ID: 500-272608-3

Date Collected: 08/05/25 14:06

Matrix: Water

Date Received: 08/05/25 16:22

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.243	U	0.242	0.243	1.00	0.380	pCi/L	08/08/25 08:26	09/03/25 17:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.7		30 - 110					08/08/25 08:26	09/03/25 17:06	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.436	U	0.442	0.444	1.00	0.711	pCi/L	08/08/25 08:43	09/03/25 12:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.7		30 - 110					08/08/25 08:43	09/03/25 12:03	1
Y Carrier	71.4		30 - 110					08/08/25 08:43	09/03/25 12:03	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.679	U	0.504	0.506	5.00	0.711	pCi/L		09/04/25 13:50	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-272608-2

Client Sample ID: MW-10

Lab Sample ID: 500-272608-4

Date Collected: 08/05/25 11:16

Matrix: Water

Date Received: 08/05/25 16:22

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.272	U	0.237	0.238	1.00	0.360	pCi/L	08/08/25 08:26	09/03/25 17:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.1		30 - 110					08/08/25 08:26	09/03/25 17:06	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.06		0.531	0.540	1.00	0.758	pCi/L	08/08/25 08:43	09/03/25 12:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.1		30 - 110					08/08/25 08:43	09/03/25 12:03	1
Y Carrier	74.4		30 - 110					08/08/25 08:43	09/03/25 12:03	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.33		0.581	0.590	5.00	0.758	pCi/L		09/04/25 13:50	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-272608-2

Client Sample ID: MW-11

Lab Sample ID: 500-272608-5

Date Collected: 08/01/25 11:43

Matrix: Water

Date Received: 08/05/25 16:22

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.312	U	0.255	0.257	1.00	0.385	pCi/L	08/08/25 08:26	09/03/25 17:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110					08/08/25 08:26	09/03/25 17:06	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.687	U	0.462	0.467	1.00	0.688	pCi/L	08/08/25 08:43	09/03/25 12:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110					08/08/25 08:43	09/03/25 12:03	1
Y Carrier	63.2		30 - 110					08/08/25 08:43	09/03/25 12:03	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.999		0.528	0.533	5.00	0.688	pCi/L		09/04/25 13:50	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-272608-2

Client Sample ID: MW-12

Lab Sample ID: 500-272608-6

Date Collected: 08/04/25 11:02

Matrix: Water

Date Received: 08/05/25 16:22

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0261	U	0.103	0.103	1.00	0.252	pCi/L	08/08/25 08:26	09/03/25 17:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.8		30 - 110					08/08/25 08:26	09/03/25 17:06	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.30		0.535	0.548	1.00	0.704	pCi/L	08/08/25 08:43	09/03/25 11:55	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.8		30 - 110					08/08/25 08:43	09/03/25 11:55	1
Y Carrier	65.4		30 - 110					08/08/25 08:43	09/03/25 11:55	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.27		0.545	0.558	5.00	0.704	pCi/L		09/04/25 13:50	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-272608-2

Client Sample ID: 2S/3S Duplicate

Lab Sample ID: 500-272608-7

Date Collected: 08/01/25 00:00

Matrix: Water

Date Received: 08/05/25 16:22

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.303	U	0.239	0.240	1.00	0.354	pCi/L	08/08/25 08:26	09/03/25 17:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.1		30 - 110					08/08/25 08:26	09/03/25 17:07	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.42		0.482	0.499	1.00	0.573	pCi/L	08/08/25 08:43	09/03/25 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.1		30 - 110					08/08/25 08:43	09/03/25 11:56	1
Y Carrier	72.5		30 - 110					08/08/25 08:43	09/03/25 11:56	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.72		0.538	0.554	5.00	0.573	pCi/L		09/04/25 13:50	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-272608-2

Client Sample ID: MW-16

Lab Sample ID: 500-272608-8

Date Collected: 08/01/25 12:54

Matrix: Water

Date Received: 08/05/25 16:22

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.689		0.298	0.304	1.00	0.329	pCi/L	08/08/25 08:26	09/03/25 17:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.6		30 - 110					08/08/25 08:26	09/03/25 17:08	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.683		0.446	0.450	1.00	0.657	pCi/L	08/08/25 08:43	09/03/25 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.6		30 - 110					08/08/25 08:43	09/03/25 11:56	1
Y Carrier	68.4		30 - 110					08/08/25 08:43	09/03/25 11:56	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.37		0.536	0.543	5.00	0.657	pCi/L		09/04/25 13:50	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-272608-2

Client Sample ID: MW-17

Lab Sample ID: 500-272608-9

Date Collected: 08/01/25 14:42

Matrix: Water

Date Received: 08/05/25 16:22

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.173	U	0.180	0.180	1.00	0.281	pCi/L	08/08/25 08:26	09/03/25 17:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					08/08/25 08:26	09/03/25 17:07	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.888		0.460	0.468	1.00	0.643	pCi/L	08/08/25 08:43	09/03/25 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					08/08/25 08:43	09/03/25 11:56	1
Y Carrier	70.7		30 - 110					08/08/25 08:43	09/03/25 11:56	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.06		0.494	0.501	5.00	0.643	pCi/L		09/04/25 13:50	1

Definitions/Glossary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-272608-2

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-272608-2

Rad

Prep Batch: 731125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272608-1	MW-05	Total/NA	Water	PrecSep-21	
500-272608-2	MW-06	Total/NA	Water	PrecSep-21	
500-272608-3	MW-09	Total/NA	Water	PrecSep-21	
500-272608-4	MW-10	Total/NA	Water	PrecSep-21	
500-272608-5	MW-11	Total/NA	Water	PrecSep-21	
500-272608-6	MW-12	Total/NA	Water	PrecSep-21	
500-272608-7	2S/3S Duplicate	Total/NA	Water	PrecSep-21	
500-272608-8	MW-16	Total/NA	Water	PrecSep-21	
500-272608-9	MW-17	Total/NA	Water	PrecSep-21	
MB 160-731125/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-731125/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 731128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-272608-1	MW-05	Total/NA	Water	PrecSep_0	
500-272608-2	MW-06	Total/NA	Water	PrecSep_0	
500-272608-3	MW-09	Total/NA	Water	PrecSep_0	
500-272608-4	MW-10	Total/NA	Water	PrecSep_0	
500-272608-5	MW-11	Total/NA	Water	PrecSep_0	
500-272608-6	MW-12	Total/NA	Water	PrecSep_0	
500-272608-7	2S/3S Duplicate	Total/NA	Water	PrecSep_0	
500-272608-8	MW-16	Total/NA	Water	PrecSep_0	
500-272608-9	MW-17	Total/NA	Water	PrecSep_0	
MB 160-731128/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-731128/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-272608-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-731125/1-A

Matrix: Water

Analysis Batch: 734597

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 731125

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.08965	U	0.224	0.224	1.00	0.406	pCi/L	08/08/25 08:26	09/03/25 17:04	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110					08/08/25 08:26	09/03/25 17:04	1

Lab Sample ID: LCS 160-731125/2-A

Matrix: Water

Analysis Batch: 734597

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 731125

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	9.707		1.30	1.00	0.340	pCi/L	101	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	87.8		30 - 110							

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-731128/1-A

Matrix: Water

Analysis Batch: 734597

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 731128

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.8502		0.421	0.428	1.00	0.585	pCi/L	08/08/25 08:43	09/03/25 12:01	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110					08/08/25 08:43	09/03/25 12:01	1
Y Carrier	79.3		30 - 110					08/08/25 08:43	09/03/25 12:01	1

Lab Sample ID: LCS 160-731128/2-A

Matrix: Water

Analysis Batch: 734597

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 731128

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		9.10	10.80		1.45	1.00	0.531	pCi/L	119	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	87.8		30 - 110							
Y Carrier	80.4		30 - 110							

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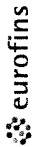
Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park, IL 60487

Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler: N/A	Lab Pk: Mockler, Diana J	Carrier Tracking No(s): N/A	COC No: 500-209966.1
Client Contact:		Phone: N/A	E-Mail: Diana.Mockler@et.eurofins.com	State of Origin: Illinois	Page: Page 1 of 1
Shipping/Receiving		Company: TestAmerica Laboratories, Inc.			
Address:		Accreditations Required (See note): NELAP - Illinois			
13715 Rider Trail North,		Due Date Requested: 9/9/2025			
City: Earth City		TAT Requested (days): N/A			
State, Zip: MO, 63045		PO #: N/A			
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		WO #: N/A			
Email: N/A		Project #: 50011609			
Project Name: Will County CCR (RAD)		SSOW#: N/A			
Site: NRG Midwest Generation Will County					
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=Solid, O=Other/Nil, BT=Tissue, A=Air)
MW-05 (500-272608-1)		8/5/25	09:01 Central	G	Water
MW-06 (500-272608-2)		8/5/25	10:21 Central	G	Water
MW-09 (500-272608-3)		8/5/25	14:06 Central	G	Water
MW-10 (500-272608-4)		8/5/25	11:16 Central	G	Water
MW-11 (500-272608-5)		8/1/25	11:43 Central	G	Water
MW-12 (500-272608-6)		8/4/25	11:02 Central	G	Water
2S/3S Duplicate (500-272608-7)		8/1/25	Central	G	Water
MW-16 (500-272608-8)		8/1/25	12:54 Central	G	Water
MW-17 (500-272608-9)		8/1/25	14:42 Central	G	Water
Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.					
Possible Hazard Identification					
Unconfirmed					
Deliverable Requested: I, II, III, IV, Other (specify)					
Primary Deliverable Rank: 2					
Empty Kit Relinquished by: _____ Date: _____ Time: _____					
Relinquished by: _____ Date/Time: _____ Company: EETA					
Relinquished by: _____ Date/Time: _____ Company: _____					
Relinquished by: _____ Date/Time: _____ Company: _____					
Custody Seals Intact: _____ Custody Seal No.: _____					
Cooler Temperature(s) °C and Other Remarks: _____					

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-272608-2

Login Number: 272608

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9,5.6,5.5,4.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-272608-2

Login Number: 272608

List Number: 2

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

List Creation: 08/07/25 11:43 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-272608-2

Client Sample ID: MW-05

Lab Sample ID: 500-272608-1

Date Collected: 08/05/25 09:01

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731125	JTR	EET SL	08/08/25 08:26
Total/NA	Analysis	903.0		1	734598	SWS	EET SL	09/03/25 17:06
Total/NA	Prep	PrecSep_0			731128	JTR	EET SL	08/08/25 08:43
Total/NA	Analysis	904.0		1	734597	SWS	EET SL	09/03/25 12:03
Total/NA	Analysis	Ra226_Ra228		1	734819	EMH	EET SL	09/04/25 13:50

Client Sample ID: MW-06

Lab Sample ID: 500-272608-2

Date Collected: 08/05/25 10:21

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731125	JTR	EET SL	08/08/25 08:26
Total/NA	Analysis	903.0		1	734598	SWS	EET SL	09/03/25 17:06
Total/NA	Prep	PrecSep_0			731128	JTR	EET SL	08/08/25 08:43
Total/NA	Analysis	904.0		1	734597	SWS	EET SL	09/03/25 12:03
Total/NA	Analysis	Ra226_Ra228		1	734819	EMH	EET SL	09/04/25 13:50

Client Sample ID: MW-09

Lab Sample ID: 500-272608-3

Date Collected: 08/05/25 14:06

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731125	JTR	EET SL	08/08/25 08:26
Total/NA	Analysis	903.0		1	734598	SWS	EET SL	09/03/25 17:06
Total/NA	Prep	PrecSep_0			731128	JTR	EET SL	08/08/25 08:43
Total/NA	Analysis	904.0		1	734597	SWS	EET SL	09/03/25 12:03
Total/NA	Analysis	Ra226_Ra228		1	734819	EMH	EET SL	09/04/25 13:50

Client Sample ID: MW-10

Lab Sample ID: 500-272608-4

Date Collected: 08/05/25 11:16

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731125	JTR	EET SL	08/08/25 08:26
Total/NA	Analysis	903.0		1	734598	SWS	EET SL	09/03/25 17:06
Total/NA	Prep	PrecSep_0			731128	JTR	EET SL	08/08/25 08:43
Total/NA	Analysis	904.0		1	734597	SWS	EET SL	09/03/25 12:03
Total/NA	Analysis	Ra226_Ra228		1	734819	EMH	EET SL	09/04/25 13:50

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-272608-2

Client Sample ID: MW-11

Lab Sample ID: 500-272608-5

Date Collected: 08/01/25 11:43

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731125	JTR	EET SL	08/08/25 08:26
Total/NA	Analysis	903.0		1	734598	SWS	EET SL	09/03/25 17:06
Total/NA	Prep	PrecSep_0			731128	JTR	EET SL	08/08/25 08:43
Total/NA	Analysis	904.0		1	734597	SWS	EET SL	09/03/25 12:03
Total/NA	Analysis	Ra226_Ra228		1	734819	EMH	EET SL	09/04/25 13:50

Client Sample ID: MW-12

Lab Sample ID: 500-272608-6

Date Collected: 08/04/25 11:02

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731125	JTR	EET SL	08/08/25 08:26
Total/NA	Analysis	903.0		1	734598	SWS	EET SL	09/03/25 17:06
Total/NA	Prep	PrecSep_0			731128	JTR	EET SL	08/08/25 08:43
Total/NA	Analysis	904.0		1	734595	SWS	EET SL	09/03/25 11:55
Total/NA	Analysis	Ra226_Ra228		1	734819	EMH	EET SL	09/04/25 13:50

Client Sample ID: 2S/3S Duplicate

Lab Sample ID: 500-272608-7

Date Collected: 08/01/25 00:00

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731125	JTR	EET SL	08/08/25 08:26
Total/NA	Analysis	903.0		1	734598	SWS	EET SL	09/03/25 17:07
Total/NA	Prep	PrecSep_0			731128	JTR	EET SL	08/08/25 08:43
Total/NA	Analysis	904.0		1	734595	SWS	EET SL	09/03/25 11:56
Total/NA	Analysis	Ra226_Ra228		1	734819	EMH	EET SL	09/04/25 13:50

Client Sample ID: MW-16

Lab Sample ID: 500-272608-8

Date Collected: 08/01/25 12:54

Matrix: Water

Date Received: 08/05/25 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731125	JTR	EET SL	08/08/25 08:26
Total/NA	Analysis	903.0		1	734598	SWS	EET SL	09/03/25 17:08
Total/NA	Prep	PrecSep_0			731128	JTR	EET SL	08/08/25 08:43
Total/NA	Analysis	904.0		1	734595	SWS	EET SL	09/03/25 11:56
Total/NA	Analysis	Ra226_Ra228		1	734819	EMH	EET SL	09/04/25 13:50

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-272608-2

Client Sample ID: MW-17
Date Collected: 08/01/25 14:42
Date Received: 08/05/25 16:22

Lab Sample ID: 500-272608-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			731125	JTR	EET SL	08/08/25 08:26
Total/NA	Analysis	903.0		1	734598	SWS	EET SL	09/03/25 17:07
Total/NA	Prep	PrecSep_0			731128	JTR	EET SL	08/08/25 08:43
Total/NA	Analysis	904.0		1	734595	SWS	EET SL	09/03/25 11:56
Total/NA	Analysis	Ra226_Ra228		1	734819	EMH	EET SL	09/04/25 13:50

Laboratory References:
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Tracer/Carrier Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR (RAD)

Job ID: 500-272608-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
		Ba					
Lab Sample ID	Client Sample ID	(30-110)					
500-272608-1	MW-05	96.8					
500-272608-2	MW-06	88.3					
500-272608-3	MW-09	76.7					
500-272608-4	MW-10	86.1					
500-272608-5	MW-11	89.6					
500-272608-6	MW-12	91.8					
500-272608-7	2S/3S Duplicate	92.1					
500-272608-8	MW-16	83.6					
500-272608-9	MW-17	88.3					
LCS 160-731125/2-A	Lab Control Sample	87.8					
MB 160-731125/1-A	Method Blank	89.6					
Tracer/Carrier Legend							
Ba = Ba Carrier							

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)					
		Ba		Y			
Lab Sample ID	Client Sample ID	(30-110)	(30-110)				
500-272608-1	MW-05	96.8	66.2				
500-272608-2	MW-06	88.3	74.4				
500-272608-3	MW-09	76.7	71.4				
500-272608-4	MW-10	86.1	74.4				
500-272608-5	MW-11	89.6	63.2				
500-272608-6	MW-12	91.8	65.4				
500-272608-7	2S/3S Duplicate	92.1	72.5				
500-272608-8	MW-16	83.6	68.4				
500-272608-9	MW-17	88.3	70.7				
LCS 160-731128/2-A	Lab Control Sample	87.8	80.4				
MB 160-731128/1-A	Method Blank	89.6	79.3				
Tracer/Carrier Legend							
Ba = Ba Carrier							
Y = Y Carrier							

ANALYTICAL REPORT

PREPARED FOR

Attn: James Thorne
Midwest Generation EME LLC
1800 Channahon Road
Joliet, Illinois 60436

Generated 12/04/25 12:02:14 Revision 1

JOB DESCRIPTION

Will County CCR 2S/3S 4Q25

JOB NUMBER

500-277753-1

Eurofins Chicago

Job Notes

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Authorization



Authorized for release by
Dirk Nelson, Project Management Assistant II
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12/04/25 12:02:14
Revision 1

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Case Narrative

Client: Midwest Generation EME LLC
Project: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Job ID: 500-277753-1

Eurofins Chicago

Job Narrative 500-277753-1

REVISION

The report being provided is a revision of the original report sent on 11/21/25. The report (revision 1) is being revised due to Add Sample MW-18 (500-277753-10), which was received 11/21 and logged in after initial deliverables had been issued..

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 11/11/25 15:40, 11/12/25 15:55 and 11/21/25 12:40. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were -0.2°C, 1.9°C, 3.7°C, 3.9°C, 5.1°C and 7.7°C.

Metals

Method 6020B - Total Recoverable: The method blank for preparation batch 500-843566 contained Chromium above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-11 (500-277753-1), MW-12 (500-277753-2), 2S/3S Duplicate (500-277753-3), MW-17 (500-277753-5), MW-05 (500-277753-6), MW-06 (500-277753-7), MW-09 (500-277753-8), MW-10 (500-277753-9), (500-277753-A-1-B DU), (500-277753-A-1-C MS) and (500-277753-A-1-D MSD). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-05 (500-277753-6). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: The method blank for preparation batch 500-844593 contained Chromium and Nickel above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 6020B - Total Recoverable: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-18 (500-277753-10). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: The initial low level calibration verification (ICVL) result for batch 500-844800 was above the upper control limit. The affected analyte is: Beryllium. Sample results were non-detects, and have been reported as qualified data.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Field Service / Mobile Lab

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Chicago

Method Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury (CVAA)	SW846	EET CHI
300.0	Anions, Ion Chromatography	EPA	EET CHI
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CHI
SM 4500 F C	Fluoride	SM	EET CHI
Field Sampling	Field Sampling	EPA	EET CHI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Sample Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-277753-1	MW-11	Water	11/10/25 14:45	11/11/25 15:40	Illinois
500-277753-2	MW-12	Water	11/10/25 11:12	11/11/25 15:40	Illinois
500-277753-3	2S/3S Duplicate	Water	11/10/25 00:00	11/11/25 15:40	Illinois
500-277753-4	MW-16	Water	11/10/25 15:16	11/11/25 15:40	Illinois
500-277753-5	MW-17	Water	11/10/25 15:52	11/11/25 15:40	Illinois
500-277753-6	MW-05	Water	11/12/25 13:42	11/12/25 15:55	Illinois
500-277753-7	MW-06	Water	11/12/25 09:29	11/12/25 15:55	Illinois
500-277753-8	MW-09	Water	11/12/25 12:12	11/12/25 15:55	Illinois
500-277753-9	MW-10	Water	11/12/25 10:52	11/12/25 15:55	Illinois
500-277753-10	MW-18	Water	11/21/25 10:52	11/21/25 12:40	Illinois

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Client Sample ID: MW-11

Lab Sample ID: 500-277753-1

Date Collected: 11/10/25 14:45

Matrix: Water

Date Received: 11/11/25 15:40

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 15:38	11/18/25 18:38	1
Arsenic	7.2		1.0		ug/L		11/17/25 15:38	11/18/25 18:38	1
Barium	120		2.5		ug/L		11/17/25 15:38	11/18/25 18:38	1
Beryllium	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 12:35	1
Boron	2600		250		ug/L		11/17/25 15:38	11/20/25 13:15	5
Cadmium	<0.50		0.50		ug/L		11/17/25 15:38	11/18/25 18:38	1
Calcium	120		0.20		mg/L		11/17/25 15:38	11/18/25 18:38	1
Chromium	<5.0		5.0		ug/L		11/17/25 15:38	11/19/25 12:35	1
Cobalt	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 12:35	1
Lead	<0.50		0.50		ug/L		11/17/25 15:38	11/19/25 12:35	1
Lithium	11		10		ug/L		11/17/25 15:38	11/19/25 12:35	1
Molybdenum	29		5.0		ug/L		11/17/25 15:38	11/19/25 12:35	1
Selenium	<2.5		2.5		ug/L		11/17/25 15:38	11/19/25 12:35	1
Thallium	<2.0		2.0		ug/L		11/17/25 15:38	11/18/25 18:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/18/25 10:55	11/19/25 10:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	120		10		mg/L			11/18/25 21:50	10
Sulfate (EPA 300.0)	73		10		mg/L			11/18/25 21:50	10
Total Dissolved Solids (SM 2540C)	660		10		mg/L			11/12/25 15:53	1
Fluoride (SM 4500 F C)	0.58		0.10		mg/L			11/17/25 12:34	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.06				SU			11/10/25 14:45	1
Field Temperature	52.3				Degrees F			11/10/25 14:45	1
Groundwater Elevation	579.60				ft			11/10/25 14:45	1
Oxidation Reduction Potential	-21.7				millivolts			11/10/25 14:45	1
Oxygen, Dissolved	1.69				mg/L			11/10/25 14:45	1
Specific Conductance	1.187				mS/cm			11/10/25 14:45	1
Turbidity	6.99				NTU			11/10/25 14:45	1

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Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Client Sample ID: MW-12

Lab Sample ID: 500-277753-2

Date Collected: 11/10/25 11:12

Matrix: Water

Date Received: 11/11/25 15:40

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 15:38	11/18/25 18:52	1
Arsenic	1.2		1.0		ug/L		11/17/25 15:38	11/18/25 18:52	1
Barium	140		2.5		ug/L		11/17/25 15:38	11/18/25 18:52	1
Beryllium	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 12:46	1
Boron	2600		250		ug/L		11/17/25 15:38	11/20/25 13:32	5
Cadmium	<0.50		0.50		ug/L		11/17/25 15:38	11/18/25 18:52	1
Calcium	180		0.20		mg/L		11/17/25 15:38	11/18/25 18:52	1
Chromium	<5.0		5.0		ug/L		11/17/25 15:38	11/19/25 12:46	1
Cobalt	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 12:46	1
Lead	<0.50		0.50		ug/L		11/17/25 15:38	11/19/25 12:46	1
Lithium	17		10		ug/L		11/17/25 15:38	11/19/25 12:46	1
Molybdenum	26		5.0		ug/L		11/17/25 15:38	11/19/25 12:46	1
Selenium	3.2		2.5		ug/L		11/17/25 15:38	11/19/25 12:46	1
Thallium	<2.0		2.0		ug/L		11/17/25 15:38	11/18/25 18:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/18/25 10:55	11/19/25 10:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	140		10		mg/L			11/18/25 21:58	10
Sulfate (EPA 300.0)	170		10		mg/L			11/18/25 21:58	10
Total Dissolved Solids (SM 2540C)	1100		10		mg/L			11/12/25 15:53	1
Fluoride (SM 4500 F C)	0.50		0.10		mg/L			11/17/25 12:37	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.02				SU			11/10/25 11:12	1
Field Temperature	55.8				Degrees F			11/10/25 11:12	1
Groundwater Elevation	579.51				ft			11/10/25 11:12	1
Oxidation Reduction Potential	178.1				millivolts			11/10/25 11:12	1
Oxygen, Dissolved	1.21				mg/L			11/10/25 11:12	1
Specific Conductance	1.667				mS/cm			11/10/25 11:12	1
Turbidity	4.08				NTU			11/10/25 11:12	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Client Sample ID: 2S/3S Duplicate

Lab Sample ID: 500-277753-3

Date Collected: 11/10/25 00:00

Matrix: Water

Date Received: 11/11/25 15:40

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 15:38	11/18/25 18:54	1
Arsenic	1.2		1.0		ug/L		11/17/25 15:38	11/18/25 18:54	1
Barium	140		2.5		ug/L		11/17/25 15:38	11/18/25 18:54	1
Beryllium	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 12:48	1
Boron	2600		250		ug/L		11/17/25 15:38	11/20/25 13:35	5
Cadmium	<0.50		0.50		ug/L		11/17/25 15:38	11/18/25 18:54	1
Calcium	180		0.20		mg/L		11/17/25 15:38	11/18/25 18:54	1
Chromium	<5.0		5.0		ug/L		11/17/25 15:38	11/19/25 12:48	1
Cobalt	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 12:48	1
Lead	<0.50		0.50		ug/L		11/17/25 15:38	11/19/25 12:48	1
Lithium	17		10		ug/L		11/17/25 15:38	11/19/25 12:48	1
Molybdenum	25		5.0		ug/L		11/17/25 15:38	11/19/25 12:48	1
Selenium	3.2		2.5		ug/L		11/17/25 15:38	11/19/25 12:48	1
Thallium	<2.0		2.0		ug/L		11/17/25 15:38	11/18/25 18:54	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/18/25 10:55	11/19/25 10:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	140		10		mg/L			11/18/25 22:06	10
Sulfate (EPA 300.0)	170		10		mg/L			11/18/25 22:06	10
Total Dissolved Solids (SM 2540C)	920		10		mg/L			11/12/25 15:53	1
Fluoride (SM 4500 F C)	0.53		0.10		mg/L			11/17/25 12:40	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Client Sample ID: MW-16

Lab Sample ID: 500-277753-4

Date Collected: 11/10/25 15:16

Matrix: Water

Date Received: 11/11/25 15:40

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 15:38	11/18/25 18:56	1
Arsenic	<1.0		1.0		ug/L		11/17/25 15:38	11/18/25 18:56	1
Barium	70		2.5		ug/L		11/17/25 15:38	11/18/25 18:56	1
Beryllium	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 12:50	1
Boron	830		50		ug/L		11/17/25 15:38	11/20/25 13:37	1
Cadmium	<0.50		0.50		ug/L		11/17/25 15:38	11/18/25 18:56	1
Calcium	120		0.20		mg/L		11/17/25 15:38	11/18/25 18:56	1
Chromium	<5.0		5.0		ug/L		11/17/25 15:38	11/19/25 12:50	1
Cobalt	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 12:50	1
Lead	<0.50		0.50		ug/L		11/17/25 15:38	11/19/25 12:50	1
Lithium	14		10		ug/L		11/17/25 15:38	11/19/25 12:50	1
Molybdenum	17		5.0		ug/L		11/17/25 15:38	11/19/25 12:50	1
Selenium	<2.5		2.5		ug/L		11/17/25 15:38	11/19/25 12:50	1
Thallium	<2.0		2.0		ug/L		11/17/25 15:38	11/18/25 18:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/18/25 10:55	11/19/25 10:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	130		10		mg/L			11/18/25 22:30	10
Sulfate (EPA 300.0)	140		10		mg/L			11/18/25 22:30	10
Total Dissolved Solids (SM 2540C)	690		10		mg/L			11/12/25 15:53	1
Fluoride (SM 4500 F C)	0.40		0.10		mg/L			11/17/25 12:44	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.04				SU			11/10/25 15:16	1
Field Temperature	50.5				Degrees F			11/10/25 15:16	1
Groundwater Elevation	578.98				ft			11/10/25 15:16	1
Oxidation Reduction Potential	2.3				millivolts			11/10/25 15:16	1
Oxygen, Dissolved	3.12				mg/L			11/10/25 15:16	1
Specific Conductance	1.196				mS/cm			11/10/25 15:16	1
Turbidity	7.09				NTU			11/10/25 15:16	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Client Sample ID: MW-17

Lab Sample ID: 500-277753-5

Date Collected: 11/10/25 15:52

Matrix: Water

Date Received: 11/11/25 15:40

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 15:38	11/18/25 18:58	1
Arsenic	5.1		1.0		ug/L		11/17/25 15:38	11/18/25 18:58	1
Barium	53		2.5		ug/L		11/17/25 15:38	11/18/25 18:58	1
Beryllium	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 12:56	1
Boron	2900		250		ug/L		11/17/25 15:38	11/20/25 13:39	5
Cadmium	<0.50		0.50		ug/L		11/17/25 15:38	11/18/25 18:58	1
Calcium	67		0.20		mg/L		11/17/25 15:38	11/18/25 18:58	1
Chromium	<5.0		5.0		ug/L		11/17/25 15:38	11/19/25 12:56	1
Cobalt	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 12:56	1
Lead	<0.50		0.50		ug/L		11/17/25 15:38	11/19/25 12:56	1
Lithium	19		10		ug/L		11/17/25 15:38	11/19/25 12:56	1
Molybdenum	120		5.0		ug/L		11/17/25 15:38	11/19/25 12:56	1
Selenium	<2.5		2.5		ug/L		11/17/25 15:38	11/19/25 12:56	1
Thallium	<2.0		2.0		ug/L		11/17/25 15:38	11/18/25 18:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/18/25 10:55	11/19/25 10:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	120		10		mg/L			11/18/25 22:38	10
Sulfate (EPA 300.0)	340		10		mg/L			11/18/25 22:38	10
Total Dissolved Solids (SM 2540C)	790		10		mg/L			11/12/25 15:53	1
Fluoride (SM 4500 F C)	0.80		0.10		mg/L			11/17/25 12:47	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.90				SU			11/10/25 15:52	1
Field Temperature	52.5				Degrees F			11/10/25 15:52	1
Groundwater Elevation	579.22				ft			11/10/25 15:52	1
Oxidation Reduction Potential	108.9				millivolts			11/10/25 15:52	1
Oxygen, Dissolved	2.89				mg/L			11/10/25 15:52	1
Specific Conductance	1.218				mS/cm			11/10/25 15:52	1
Turbidity	11.87				NTU			11/10/25 15:52	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Client Sample ID: MW-05

Lab Sample ID: 500-277753-6

Date Collected: 11/12/25 13:42

Matrix: Water

Date Received: 11/12/25 15:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 15:38	11/18/25 19:00	1
Arsenic	2.4		1.0		ug/L		11/17/25 15:38	11/18/25 19:00	1
Barium	51		2.5		ug/L		11/17/25 15:38	11/18/25 19:00	1
Beryllium	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 13:00	1
Boron	5900		250		ug/L		11/17/25 15:38	11/20/25 15:13	5
Cadmium	<0.50		0.50		ug/L		11/17/25 15:38	11/18/25 19:00	1
Calcium	85		0.20		mg/L		11/17/25 15:38	11/18/25 19:00	1
Chromium	<5.0		5.0		ug/L		11/17/25 15:38	11/19/25 13:00	1
Cobalt	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 13:00	1
Lead	<0.50		0.50		ug/L		11/17/25 15:38	11/19/25 13:00	1
Lithium	14		10		ug/L		11/17/25 15:38	11/19/25 13:00	1
Molybdenum	62		5.0		ug/L		11/17/25 15:38	11/19/25 13:00	1
Selenium	<2.5		2.5		ug/L		11/17/25 15:38	11/19/25 13:00	1
Thallium	<2.0		2.0		ug/L		11/17/25 15:38	11/18/25 19:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/18/25 10:55	11/19/25 10:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	32		10		mg/L			11/19/25 11:27	10
Sulfate (EPA 300.0)	400		10		mg/L			11/19/25 11:27	10
Total Dissolved Solids (SM 2540C)	830		10		mg/L			11/19/25 05:41	1
Fluoride (SM 4500 F C)	0.60		0.10		mg/L			11/17/25 12:59	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.16				SU			11/12/25 13:42	1
Field Temperature	60.4				Degrees F			11/12/25 13:42	1
Groundwater Elevation	580.98				ft			11/12/25 13:42	1
Oxidation Reduction Potential	158.8				millivolts			11/12/25 13:42	1
Oxygen, Dissolved	1.82				mg/L			11/12/25 13:42	1
Specific Conductance	1.544				mS/cm			11/12/25 13:42	1
Turbidity	3.33				NTU			11/12/25 13:42	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Client Sample ID: MW-06

Lab Sample ID: 500-277753-7

Date Collected: 11/12/25 09:29

Matrix: Water

Date Received: 11/12/25 15:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 15:38	11/18/25 19:13	1
Arsenic	1.9		1.0		ug/L		11/17/25 15:38	11/18/25 19:13	1
Barium	91		2.5		ug/L		11/17/25 15:38	11/18/25 19:13	1
Beryllium	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 13:14	1
Boron	2600		250		ug/L		11/17/25 15:38	11/20/25 13:44	5
Cadmium	<0.50		0.50		ug/L		11/17/25 15:38	11/18/25 19:13	1
Calcium	110		0.20		mg/L		11/17/25 15:38	11/18/25 19:13	1
Chromium	<5.0		5.0		ug/L		11/17/25 15:38	11/19/25 13:14	1
Cobalt	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 13:14	1
Lead	<0.50		0.50		ug/L		11/17/25 15:38	11/19/25 13:14	1
Lithium	18		10		ug/L		11/17/25 15:38	11/19/25 13:14	1
Molybdenum	24		5.0		ug/L		11/17/25 15:38	11/19/25 13:14	1
Selenium	<2.5		2.5		ug/L		11/17/25 15:38	11/19/25 13:14	1
Thallium	<2.0		2.0		ug/L		11/17/25 15:38	11/18/25 19:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/18/25 10:55	11/19/25 10:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	11		5.0		mg/L			11/19/25 11:35	5
Sulfate (EPA 300.0)	170		5.0		mg/L			11/19/25 11:35	5
Total Dissolved Solids (SM 2540C)	530		10		mg/L			11/19/25 05:43	1
Fluoride (SM 4500 F C)	0.46		0.10		mg/L			11/17/25 13:03	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.16				SU			11/12/25 09:29	1
Field Temperature	58.8				Degrees F			11/12/25 09:29	1
Groundwater Elevation	580.05				ft			11/12/25 09:29	1
Oxidation Reduction Potential	175.6				millivolts			11/12/25 09:29	1
Oxygen, Dissolved	1.16				mg/L			11/12/25 09:29	1
Specific Conductance	1.190				mS/cm			11/12/25 09:29	1
Turbidity	6.46				NTU			11/12/25 09:29	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Client Sample ID: MW-09

Lab Sample ID: 500-277753-8

Date Collected: 11/12/25 12:12

Matrix: Water

Date Received: 11/12/25 15:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 15:38	11/18/25 19:15	1
Arsenic	9.7		1.0		ug/L		11/17/25 15:38	11/18/25 19:15	1
Barium	31		2.5		ug/L		11/17/25 15:38	11/18/25 19:15	1
Beryllium	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 13:16	1
Boron	2300		250		ug/L		11/17/25 15:38	11/20/25 13:47	5
Cadmium	<0.50		0.50		ug/L		11/17/25 15:38	11/18/25 19:15	1
Calcium	39		0.20		mg/L		11/17/25 15:38	11/18/25 19:15	1
Chromium	<5.0		5.0		ug/L		11/17/25 15:38	11/19/25 13:16	1
Cobalt	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 13:16	1
Lead	<0.50		0.50		ug/L		11/17/25 15:38	11/19/25 13:16	1
Lithium	<10		10		ug/L		11/17/25 15:38	11/19/25 13:16	1
Molybdenum	92		5.0		ug/L		11/17/25 15:38	11/19/25 13:16	1
Selenium	<2.5		2.5		ug/L		11/17/25 15:38	11/19/25 13:16	1
Thallium	<2.0		2.0		ug/L		11/17/25 15:38	11/18/25 19:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/18/25 10:55	11/19/25 10:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	150		10		mg/L			11/19/25 00:23	10
Sulfate (EPA 300.0)	280		10		mg/L			11/19/25 00:23	10
Total Dissolved Solids (SM 2540C)	710		10		mg/L			11/19/25 05:46	1
Fluoride (SM 4500 F C)	0.66		0.10		mg/L			11/17/25 13:14	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.04				SU			11/12/25 12:12	1
Field Temperature	59.4				Degrees F			11/12/25 12:12	1
Groundwater Elevation	580.12				ft			11/12/25 12:12	1
Oxidation Reduction Potential	-91.8				millivolts			11/12/25 12:12	1
Oxygen, Dissolved	2.04				mg/L			11/12/25 12:12	1
Specific Conductance	1.458				mS/cm			11/12/25 12:12	1
Turbidity	3.49				NTU			11/12/25 12:12	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Client Sample ID: MW-10

Lab Sample ID: 500-277753-9

Date Collected: 11/12/25 10:52

Matrix: Water

Date Received: 11/12/25 15:55

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 15:38	11/18/25 19:17	1
Arsenic	10		1.0		ug/L		11/17/25 15:38	11/18/25 19:17	1
Barium	96		2.5		ug/L		11/17/25 15:38	11/18/25 19:17	1
Beryllium	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 13:18	1
Boron	3100		250		ug/L		11/17/25 15:38	11/20/25 13:56	5
Cadmium	<0.50		0.50		ug/L		11/17/25 15:38	11/18/25 19:17	1
Calcium	130		0.20		mg/L		11/17/25 15:38	11/18/25 19:17	1
Chromium	<5.0		5.0		ug/L		11/17/25 15:38	11/19/25 13:18	1
Cobalt	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 13:18	1
Lead	<0.50		0.50		ug/L		11/17/25 15:38	11/19/25 13:18	1
Lithium	16		10		ug/L		11/17/25 15:38	11/19/25 13:18	1
Molybdenum	94		5.0		ug/L		11/17/25 15:38	11/19/25 13:18	1
Selenium	<2.5		2.5		ug/L		11/17/25 15:38	11/19/25 13:18	1
Thallium	<2.0		2.0		ug/L		11/17/25 15:38	11/18/25 19:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/18/25 10:55	11/19/25 10:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	130		10		mg/L			11/19/25 00:31	10
Sulfate (EPA 300.0)	260		10		mg/L			11/19/25 00:31	10
Total Dissolved Solids (SM 2540C)	910		10		mg/L			11/19/25 05:49	1
Fluoride (SM 4500 F C)	0.90		0.10		mg/L			11/17/25 13:21	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.95				SU			11/12/25 10:52	1
Field Temperature	56.5				Degrees F			11/12/25 10:52	1
Groundwater Elevation	579.42				ft			11/12/25 10:52	1
Oxidation Reduction Potential	-23.2				millivolts			11/12/25 10:52	1
Oxygen, Dissolved	0.81				mg/L			11/12/25 10:52	1
Specific Conductance	1.635				mS/cm			11/12/25 10:52	1
Turbidity	7.75				NTU			11/12/25 10:52	1

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Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Client Sample ID: MW-18

Lab Sample ID: 500-277753-10

Date Collected: 11/21/25 10:52

Matrix: Water

Date Received: 11/21/25 12:40

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/24/25 09:00	11/24/25 18:19	1
Arsenic	1.9		1.0		ug/L		11/24/25 09:00	11/24/25 18:19	1
Barium	29		2.5		ug/L		11/24/25 09:00	11/24/25 18:19	1
Beryllium	<1.0	^1+	1.0		ug/L		11/24/25 09:00	11/24/25 18:19	1
Boron	6700		250		ug/L		11/24/25 09:00	11/25/25 14:10	5
Cadmium	<0.50		0.50		ug/L		11/24/25 09:00	11/24/25 18:19	1
Calcium	110		0.20		mg/L		11/24/25 09:00	11/24/25 18:19	1
Chromium	<5.0		5.0		ug/L		11/24/25 09:00	11/24/25 18:19	1
Cobalt	<1.0		1.0		ug/L		11/24/25 09:00	11/24/25 18:19	1
Lead	<0.50		0.50		ug/L		11/24/25 09:00	11/24/25 18:19	1
Lithium	23		10		ug/L		11/24/25 09:00	11/24/25 18:19	1
Molybdenum	110		5.0		ug/L		11/24/25 09:00	11/24/25 18:19	1
Selenium	<2.5		2.5		ug/L		11/24/25 09:00	11/24/25 18:19	1
Thallium	<2.0		2.0		ug/L		11/24/25 09:00	11/24/25 18:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/24/25 11:15	11/25/25 08:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	140		50		mg/L			11/22/25 12:48	50
Sulfate (EPA 300.0)	380		50		mg/L			11/22/25 12:48	50
Total Dissolved Solids (SM 2540C)	880		10		mg/L			11/26/25 09:34	1
Fluoride (SM 4500 F C)	1.1		0.10		mg/L			11/24/25 18:37	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.89				SU			11/21/25 10:52	1
Field Temperature	55.2				Degrees F			11/21/25 10:52	1
Oxidation Reduction Potential	-114.3				millivolts			11/21/25 10:52	1
Oxygen, Dissolved	1.14				mg/L			11/21/25 10:52	1
Specific Conductance	1.254				mS/cm			11/21/25 10:52	1
Turbidity	9.62				NTU			11/21/25 10:52	1

Definitions/Glossary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Qualifiers

Metals

Qualifier	Qualifier Description
^1+	Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Metals

Prep Batch: 843566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-1	MW-11	Total Recoverable	Water	3005A	
500-277753-2	MW-12	Total Recoverable	Water	3005A	
500-277753-3	2S/3S Duplicate	Total Recoverable	Water	3005A	
500-277753-4	MW-16	Total Recoverable	Water	3005A	
500-277753-5	MW-17	Total Recoverable	Water	3005A	
500-277753-6	MW-05	Total Recoverable	Water	3005A	
500-277753-7	MW-06	Total Recoverable	Water	3005A	
500-277753-8	MW-09	Total Recoverable	Water	3005A	
500-277753-9	MW-10	Total Recoverable	Water	3005A	
MB 500-843566/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-843566/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-277753-1 MS	MW-11	Total Recoverable	Water	3005A	
500-277753-1 MSD	MW-11	Total Recoverable	Water	3005A	
500-277753-1 DU	MW-11	Total Recoverable	Water	3005A	

Prep Batch: 843673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-1	MW-11	Total/NA	Water	7470A	
500-277753-2	MW-12	Total/NA	Water	7470A	
500-277753-3	2S/3S Duplicate	Total/NA	Water	7470A	
500-277753-4	MW-16	Total/NA	Water	7470A	
500-277753-5	MW-17	Total/NA	Water	7470A	
500-277753-6	MW-05	Total/NA	Water	7470A	
500-277753-7	MW-06	Total/NA	Water	7470A	
500-277753-8	MW-09	Total/NA	Water	7470A	
500-277753-9	MW-10	Total/NA	Water	7470A	
MB 500-843673/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-843673/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 843871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-1	MW-11	Total Recoverable	Water	6020B	843566
500-277753-2	MW-12	Total Recoverable	Water	6020B	843566
500-277753-3	2S/3S Duplicate	Total Recoverable	Water	6020B	843566
500-277753-4	MW-16	Total Recoverable	Water	6020B	843566
500-277753-5	MW-17	Total Recoverable	Water	6020B	843566
500-277753-6	MW-05	Total Recoverable	Water	6020B	843566
500-277753-7	MW-06	Total Recoverable	Water	6020B	843566
500-277753-8	MW-09	Total Recoverable	Water	6020B	843566
500-277753-9	MW-10	Total Recoverable	Water	6020B	843566
MB 500-843566/1-A	Method Blank	Total Recoverable	Water	6020B	843566
LCS 500-843566/2-A	Lab Control Sample	Total Recoverable	Water	6020B	843566
500-277753-1 MS	MW-11	Total Recoverable	Water	6020B	843566
500-277753-1 MSD	MW-11	Total Recoverable	Water	6020B	843566
500-277753-1 DU	MW-11	Total Recoverable	Water	6020B	843566

Analysis Batch: 843939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-1	MW-11	Total/NA	Water	7470A	843673
500-277753-2	MW-12	Total/NA	Water	7470A	843673
500-277753-3	2S/3S Duplicate	Total/NA	Water	7470A	843673

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QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Metals (Continued)

Analysis Batch: 843939 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-4	MW-16	Total/NA	Water	7470A	843673
500-277753-5	MW-17	Total/NA	Water	7470A	843673
500-277753-6	MW-05	Total/NA	Water	7470A	843673
500-277753-7	MW-06	Total/NA	Water	7470A	843673
500-277753-8	MW-09	Total/NA	Water	7470A	843673
500-277753-9	MW-10	Total/NA	Water	7470A	843673
MB 500-843673/12-A	Method Blank	Total/NA	Water	7470A	843673
LCS 500-843673/13-A	Lab Control Sample	Total/NA	Water	7470A	843673

Analysis Batch: 844101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-1	MW-11	Total Recoverable	Water	6020B	843566
500-277753-2	MW-12	Total Recoverable	Water	6020B	843566
500-277753-3	2S/3S Duplicate	Total Recoverable	Water	6020B	843566
500-277753-4	MW-16	Total Recoverable	Water	6020B	843566
500-277753-5	MW-17	Total Recoverable	Water	6020B	843566
500-277753-6	MW-05	Total Recoverable	Water	6020B	843566
500-277753-7	MW-06	Total Recoverable	Water	6020B	843566
500-277753-8	MW-09	Total Recoverable	Water	6020B	843566
500-277753-9	MW-10	Total Recoverable	Water	6020B	843566
MB 500-843566/1-A	Method Blank	Total Recoverable	Water	6020B	843566
LCS 500-843566/2-A	Lab Control Sample	Total Recoverable	Water	6020B	843566
500-277753-1 MS	MW-11	Total Recoverable	Water	6020B	843566
500-277753-1 MSD	MW-11	Total Recoverable	Water	6020B	843566
500-277753-1 DU	MW-11	Total Recoverable	Water	6020B	843566

Analysis Batch: 844223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-1	MW-11	Total Recoverable	Water	6020B	843566
500-277753-2	MW-12	Total Recoverable	Water	6020B	843566
500-277753-3	2S/3S Duplicate	Total Recoverable	Water	6020B	843566
500-277753-4	MW-16	Total Recoverable	Water	6020B	843566
500-277753-5	MW-17	Total Recoverable	Water	6020B	843566
500-277753-7	MW-06	Total Recoverable	Water	6020B	843566
500-277753-8	MW-09	Total Recoverable	Water	6020B	843566
500-277753-9	MW-10	Total Recoverable	Water	6020B	843566
MB 500-843566/1-A	Method Blank	Total Recoverable	Water	6020B	843566
LCS 500-843566/2-A	Lab Control Sample	Total Recoverable	Water	6020B	843566
500-277753-1 MS	MW-11	Total Recoverable	Water	6020B	843566
500-277753-1 MSD	MW-11	Total Recoverable	Water	6020B	843566
500-277753-1 DU	MW-11	Total Recoverable	Water	6020B	843566

Analysis Batch: 844250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-6	MW-05	Total Recoverable	Water	6020B	843566

Prep Batch: 844593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-10	MW-18	Total Recoverable	Water	3005A	
MB 500-844593/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-844593/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

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QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Metals

Prep Batch: 844639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-10	MW-18	Total/NA	Water	7470A	
MB 500-844639/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-844639/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 844800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-10	MW-18	Total Recoverable	Water	6020B	844593
MB 500-844593/1-A	Method Blank	Total Recoverable	Water	6020B	844593
LCS 500-844593/2-A	Lab Control Sample	Total Recoverable	Water	6020B	844593

Analysis Batch: 844828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-10	MW-18	Total/NA	Water	7470A	844639
MB 500-844639/12-A	Method Blank	Total/NA	Water	7470A	844639
LCS 500-844639/13-A	Lab Control Sample	Total/NA	Water	7470A	844639

Analysis Batch: 844913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-10	MW-18	Total Recoverable	Water	6020B	844593
MB 500-844593/1-A	Method Blank	Total Recoverable	Water	6020B	844593
LCS 500-844593/2-A	Lab Control Sample	Total Recoverable	Water	6020B	844593

General Chemistry

Analysis Batch: 842885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-1	MW-11	Total/NA	Water	SM 2540C	
500-277753-2	MW-12	Total/NA	Water	SM 2540C	
500-277753-3	2S/3S Duplicate	Total/NA	Water	SM 2540C	
500-277753-4	MW-16	Total/NA	Water	SM 2540C	
500-277753-5	MW-17	Total/NA	Water	SM 2540C	
MB 500-842885/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-842885/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-277753-3 DU	2S/3S Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 843596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-1	MW-11	Total/NA	Water	SM 4500 F C	
500-277753-2	MW-12	Total/NA	Water	SM 4500 F C	
500-277753-3	2S/3S Duplicate	Total/NA	Water	SM 4500 F C	
500-277753-4	MW-16	Total/NA	Water	SM 4500 F C	
500-277753-5	MW-17	Total/NA	Water	SM 4500 F C	
500-277753-6	MW-05	Total/NA	Water	SM 4500 F C	
500-277753-7	MW-06	Total/NA	Water	SM 4500 F C	
500-277753-8	MW-09	Total/NA	Water	SM 4500 F C	
500-277753-9	MW-10	Total/NA	Water	SM 4500 F C	
MB 500-843596/31	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-843596/61	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-843596/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-843596/62	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-277753-8 MS	MW-09	Total/NA	Water	SM 4500 F C	

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QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

General Chemistry (Continued)

Analysis Batch: 843596 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-8 MSD	MW-09	Total/NA	Water	SM 4500 F C	

Analysis Batch: 843732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-1	MW-11	Total/NA	Water	300.0	
500-277753-2	MW-12	Total/NA	Water	300.0	
500-277753-3	2S/3S Duplicate	Total/NA	Water	300.0	
500-277753-4	MW-16	Total/NA	Water	300.0	
500-277753-5	MW-17	Total/NA	Water	300.0	
MB 500-843732/3	Method Blank	Total/NA	Water	300.0	
LCS 500-843732/4	Lab Control Sample	Total/NA	Water	300.0	
500-277753-5 MS	MW-17	Total/NA	Water	300.0	
500-277753-5 MSD	MW-17	Total/NA	Water	300.0	

Analysis Batch: 843781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-8	MW-09	Total/NA	Water	300.0	
500-277753-9	MW-10	Total/NA	Water	300.0	
MB 500-843781/3	Method Blank	Total/NA	Water	300.0	
LCS 500-843781/4	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 843839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-6	MW-05	Total/NA	Water	SM 2540C	
500-277753-7	MW-06	Total/NA	Water	SM 2540C	
500-277753-8	MW-09	Total/NA	Water	SM 2540C	
500-277753-9	MW-10	Total/NA	Water	SM 2540C	
MB 500-843839/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-843839/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 843918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-6	MW-05	Total/NA	Water	300.0	
500-277753-7	MW-06	Total/NA	Water	300.0	
MB 500-843918/3	Method Blank	Total/NA	Water	300.0	
LCS 500-843918/4	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 844475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-10	MW-18	Total/NA	Water	300.0	
MB 500-844475/3	Method Blank	Total/NA	Water	300.0	
LCS 500-844475/4	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 844763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-10	MW-18	Total/NA	Water	SM 4500 F C	
MB 500-844763/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-844763/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	

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QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

General Chemistry

Analysis Batch: 844977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-10	MW-18	Total/NA	Water	SM 2540C	
MB 500-844977/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-844977/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Field Service / Mobile Lab

Analysis Batch: 844433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-1	MW-11	Total/NA	Water	Field Sampling	
500-277753-2	MW-12	Total/NA	Water	Field Sampling	
500-277753-4	MW-16	Total/NA	Water	Field Sampling	
500-277753-5	MW-17	Total/NA	Water	Field Sampling	
500-277753-6	MW-05	Total/NA	Water	Field Sampling	
500-277753-7	MW-06	Total/NA	Water	Field Sampling	
500-277753-8	MW-09	Total/NA	Water	Field Sampling	
500-277753-9	MW-10	Total/NA	Water	Field Sampling	

Analysis Batch: 844840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-10	MW-18	Total/NA	Water	Field Sampling	

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-843566/1-A

Matrix: Water

Analysis Batch: 843871

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 843566

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/17/25 15:38	11/18/25 18:34	1
Arsenic	<1.0		1.0		ug/L		11/17/25 15:38	11/18/25 18:34	1
Barium	<2.5		2.5		ug/L		11/17/25 15:38	11/18/25 18:34	1
Cadmium	<0.50		0.50		ug/L		11/17/25 15:38	11/18/25 18:34	1
Calcium	<0.20		0.20		mg/L		11/17/25 15:38	11/18/25 18:34	1

Lab Sample ID: MB 500-843566/1-A

Matrix: Water

Analysis Batch: 844101

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 843566

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 12:31	1
Chromium	10.3		5.0		ug/L		11/17/25 15:38	11/19/25 12:31	1
Cobalt	<1.0		1.0		ug/L		11/17/25 15:38	11/19/25 12:31	1
Lead	<0.50		0.50		ug/L		11/17/25 15:38	11/19/25 12:31	1
Lithium	<10		10		ug/L		11/17/25 15:38	11/19/25 12:31	1
Molybdenum	<5.0		5.0		ug/L		11/17/25 15:38	11/19/25 12:31	1
Selenium	<2.5		2.5		ug/L		11/17/25 15:38	11/19/25 12:31	1
Thallium	<2.0		2.0		ug/L		11/17/25 15:38	11/19/25 12:31	1

Lab Sample ID: MB 500-843566/1-A

Matrix: Water

Analysis Batch: 844223

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 843566

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<50		50		ug/L		11/17/25 15:38	11/20/25 13:10	1

Lab Sample ID: LCS 500-843566/2-A

Matrix: Water

Analysis Batch: 843871

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 843566

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	500	529		ug/L		106	80 - 120
Arsenic	100	95.4		ug/L		95	80 - 120
Barium	500	474		ug/L		95	80 - 120
Cadmium	50.0	50.5		ug/L		101	80 - 120
Calcium	10.0	9.83		mg/L		98	80 - 120

Lab Sample ID: LCS 500-843566/2-A

Matrix: Water

Analysis Batch: 844101

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 843566

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	50.0	49.2		ug/L		98	80 - 120
Chromium	200	209		ug/L		105	80 - 120
Cobalt	500	530		ug/L		106	80 - 120
Lead	100	104		ug/L		104	80 - 120
Lithium	100	99.7		ug/L		100	80 - 120
Molybdenum	1000	990		ug/L		99	80 - 120

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QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 500-843566/2-A

Matrix: Water

Analysis Batch: 844101

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 843566

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	100	101		ug/L		101	80 - 120
Thallium	100	104		ug/L		104	80 - 120

Lab Sample ID: LCS 500-843566/2-A

Matrix: Water

Analysis Batch: 844223

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 843566

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1000	989		ug/L		99	80 - 120

Lab Sample ID: 500-277753-1 MS

Matrix: Water

Analysis Batch: 843871

Client Sample ID: MW-11

Prep Type: Total Recoverable

Prep Batch: 843566

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<3.0		500	541		ug/L		108	75 - 125
Arsenic	7.2		100	96.0		ug/L		89	75 - 125
Barium	120		500	590		ug/L		94	75 - 125
Cadmium	<0.50		50.0	50.1		ug/L		100	75 - 125
Calcium	120		10.0	129	4	mg/L		102	75 - 125
Thallium	<2.0		100	104		ug/L		104	75 - 125

Lab Sample ID: 500-277753-1 MS

Matrix: Water

Analysis Batch: 844101

Client Sample ID: MW-11

Prep Type: Total Recoverable

Prep Batch: 843566

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	<1.0		50.0	47.7		ug/L		95	75 - 125
Chromium	<5.0		200	202		ug/L		101	75 - 125
Cobalt	<1.0		500	504		ug/L		101	75 - 125
Lead	<0.50		100	103		ug/L		103	75 - 125
Lithium	11		100	110		ug/L		99	75 - 125
Molybdenum	29		1000	1040		ug/L		102	75 - 125
Selenium	<2.5		100	97.0		ug/L		97	75 - 125
Thallium	<2.0		100	105		ug/L		105	75 - 125

Lab Sample ID: 500-277753-1 MS

Matrix: Water

Analysis Batch: 844223

Client Sample ID: MW-11

Prep Type: Total Recoverable

Prep Batch: 843566

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	2600		1000	3550		ug/L		97	75 - 125

Lab Sample ID: 500-277753-1 MSD

Matrix: Water

Analysis Batch: 843871

Client Sample ID: MW-11

Prep Type: Total Recoverable

Prep Batch: 843566

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Antimony	<3.0		500	547		ug/L		109	75 - 125	1	20
Arsenic	7.2		100	96.9		ug/L		90	75 - 125	1	20

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QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 500-277753-1 MSD

Matrix: Water

Analysis Batch: 843871

Client Sample ID: MW-11

Prep Type: Total Recoverable

Prep Batch: 843566

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	120		500	606		ug/L		98	75 - 125	3	20
Cadmium	<0.50		50.0	50.9		ug/L		102	75 - 125	2	20
Calcium	120		10.0	129	4	mg/L		97	75 - 125	0	20
Thallium	<2.0		100	106		ug/L		106	75 - 125	1	20

Lab Sample ID: 500-277753-1 MSD

Matrix: Water

Analysis Batch: 844101

Client Sample ID: MW-11

Prep Type: Total Recoverable

Prep Batch: 843566

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Beryllium	<1.0		50.0	47.6		ug/L		95	75 - 125	0	20
Chromium	<5.0		200	203		ug/L		102	75 - 125	0	20
Cobalt	<1.0		500	507		ug/L		101	75 - 125	1	20
Lead	<0.50		100	105		ug/L		105	75 - 125	1	20
Lithium	11		100	112		ug/L		101	75 - 125	2	20
Molybdenum	29		1000	1050		ug/L		102	75 - 125	1	20
Selenium	<2.5		100	95.3		ug/L		95	75 - 125	2	20
Thallium	<2.0		100	106		ug/L		106	75 - 125	1	20

Lab Sample ID: 500-277753-1 MSD

Matrix: Water

Analysis Batch: 844223

Client Sample ID: MW-11

Prep Type: Total Recoverable

Prep Batch: 843566

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	2600		1000	3600		ug/L		102	75 - 125	1	20

Lab Sample ID: 500-277753-1 DU

Matrix: Water

Analysis Batch: 843871

Client Sample ID: MW-11

Prep Type: Total Recoverable

Prep Batch: 843566

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<3.0		<3.0		ug/L		NC	20
Arsenic	7.2		7.19		ug/L		0.3	20
Barium	120		116		ug/L		2	20
Cadmium	<0.50		<0.50		ug/L		NC	20
Calcium	120		118		mg/L		0.9	20
Thallium	<2.0		<2.0		ug/L		NC	20

Lab Sample ID: 500-277753-1 DU

Matrix: Water

Analysis Batch: 844101

Client Sample ID: MW-11

Prep Type: Total Recoverable

Prep Batch: 843566

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Beryllium	<1.0		<1.0		ug/L		NC	20
Chromium	<5.0		<5.0		ug/L		NC	20
Cobalt	<1.0		<1.0		ug/L		NC	20
Lead	<0.50		<0.50		ug/L		NC	20
Lithium	11		10.9		ug/L		0.5	20
Molybdenum	29		28.2		ug/L		1	20
Selenium	<2.5		<2.5		ug/L		NC	20

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QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: 500-277753-1 DU
Matrix: Water
Analysis Batch: 844223

Client Sample ID: MW-11
Prep Type: Total Recoverable
Prep Batch: 843566

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Boron	2600		2490		ug/L		4	20

Lab Sample ID: MB 500-844593/1-A
Matrix: Water
Analysis Batch: 844800

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 844593

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<3.0		3.0		ug/L		11/24/25 09:00	11/24/25 17:28	1
Arsenic	<1.0		1.0		ug/L		11/24/25 09:00	11/24/25 17:28	1
Barium	<2.5		2.5		ug/L		11/24/25 09:00	11/24/25 17:28	1
Beryllium	<1.0	^1+	1.0		ug/L		11/24/25 09:00	11/24/25 17:28	1
Cadmium	<0.50		0.50		ug/L		11/24/25 09:00	11/24/25 17:28	1
Calcium	<0.20		0.20		mg/L		11/24/25 09:00	11/24/25 17:28	1
Chromium	35.6		5.0		ug/L		11/24/25 09:00	11/24/25 17:28	1
Cobalt	<1.0		1.0		ug/L		11/24/25 09:00	11/24/25 17:28	1
Lead	<0.50		0.50		ug/L		11/24/25 09:00	11/24/25 17:28	1
Lithium	<10		10		ug/L		11/24/25 09:00	11/24/25 17:28	1
Molybdenum	<5.0		5.0		ug/L		11/24/25 09:00	11/24/25 17:28	1
Selenium	<2.5		2.5		ug/L		11/24/25 09:00	11/24/25 17:28	1
Thallium	<2.0		2.0		ug/L		11/24/25 09:00	11/24/25 17:28	1

Lab Sample ID: MB 500-844593/1-A
Matrix: Water
Analysis Batch: 844913

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 844593

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<50		50		ug/L		11/24/25 09:00	11/25/25 13:19	1

Lab Sample ID: LCS 500-844593/2-A
Matrix: Water
Analysis Batch: 844800

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 844593

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	500	510		ug/L		102	80 - 120
Arsenic	100	94.8		ug/L		95	80 - 120
Barium	500	478		ug/L		96	80 - 120
Beryllium	50.0	46.9	^1+	ug/L		94	80 - 120
Cadmium	50.0	48.3		ug/L		97	80 - 120
Calcium	10.0	8.15		mg/L		81	80 - 120
Chromium	200	184		ug/L		92	80 - 120
Cobalt	500	488		ug/L		98	80 - 120
Lead	100	95.4		ug/L		95	80 - 120
Lithium	100	97.1		ug/L		97	80 - 120
Molybdenum	1000	986		ug/L		99	80 - 120
Selenium	100	95.9		ug/L		96	80 - 120
Thallium	100	94.2		ug/L		94	80 - 120

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QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 500-844593/2-A
Matrix: Water
Analysis Batch: 844913

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 844593

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1000	964		ug/L		96	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-843673/12-A
Matrix: Water
Analysis Batch: 843939

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 843673

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/18/25 10:55	11/19/25 09:38	1

Lab Sample ID: LCS 500-843673/13-A
Matrix: Water
Analysis Batch: 843939

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 843673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	2.00	1.91		ug/L		95	80 - 120

Lab Sample ID: MB 500-844639/12-A
Matrix: Water
Analysis Batch: 844828

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 844639

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		11/24/25 11:15	11/25/25 08:37	1

Lab Sample ID: LCS 500-844639/13-A
Matrix: Water
Analysis Batch: 844828

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 844639

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	2.00	1.95		ug/L		98	80 - 120

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-843732/3
Matrix: Water
Analysis Batch: 843732

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0		mg/L			11/18/25 19:16	1
Sulfate	<1.0		1.0		mg/L			11/18/25 19:16	1

Lab Sample ID: LCS 500-843732/4
Matrix: Water
Analysis Batch: 843732

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	19.5		mg/L		97	90 - 110
Sulfate	20.0	20.2		mg/L		101	90 - 110

Eurofins Chicago

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 500-277753-5 MS

Matrix: Water

Analysis Batch: 843732

Client Sample ID: MW-17

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	120		100	226		mg/L		102	80 - 120
Sulfate	340		100	443		mg/L		103	80 - 120

Lab Sample ID: 500-277753-5 MSD

Matrix: Water

Analysis Batch: 843732

Client Sample ID: MW-17

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	120		100	224		mg/L		101	80 - 120	1	20
Sulfate	340		100	440		mg/L		101	80 - 120	1	20

Lab Sample ID: MB 500-843781/3

Matrix: Water

Analysis Batch: 843781

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0		mg/L			11/18/25 23:43	1
Sulfate	<1.0		1.0		mg/L			11/18/25 23:43	1

Lab Sample ID: LCS 500-843781/4

Matrix: Water

Analysis Batch: 843781

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	19.2		mg/L		96	90 - 110
Sulfate	20.0	20.1		mg/L		100	90 - 110

Lab Sample ID: MB 500-843918/3

Matrix: Water

Analysis Batch: 843918

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0		mg/L			11/19/25 11:11	1
Sulfate	<1.0		1.0		mg/L			11/19/25 11:11	1

Lab Sample ID: LCS 500-843918/4

Matrix: Water

Analysis Batch: 843918

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	19.1		mg/L		95	90 - 110
Sulfate	20.0	19.7		mg/L		99	90 - 110

Lab Sample ID: MB 500-844475/3

Matrix: Water

Analysis Batch: 844475

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.0		1.0		mg/L			11/22/25 12:24	1
Sulfate	<1.0		1.0		mg/L			11/22/25 12:24	1

Eurofins Chicago

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 500-844475/4

Matrix: Water

Analysis Batch: 844475

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.0	19.7		mg/L		99	90 - 110
Sulfate	20.0	19.7		mg/L		99	90 - 110

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 500-842885/1

Matrix: Water

Analysis Batch: 842885

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			11/12/25 15:53	1

Lab Sample ID: LCS 500-842885/2

Matrix: Water

Analysis Batch: 842885

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	292		mg/L		117	80 - 120

Lab Sample ID: 500-277753-3 DU

Matrix: Water

Analysis Batch: 842885

Client Sample ID: 2S/3S Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	920		956		mg/L		4	5

Lab Sample ID: MB 500-843839/1

Matrix: Water

Analysis Batch: 843839

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			11/19/25 05:18	1

Lab Sample ID: LCS 500-843839/2

Matrix: Water

Analysis Batch: 843839

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	276		mg/L		110	80 - 120

Lab Sample ID: MB 500-844977/1

Matrix: Water

Analysis Batch: 844977

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			11/26/25 09:13	1

Eurofins Chicago

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 500-844977/2

Matrix: Water

Analysis Batch: 844977

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	250	272		mg/L		109	80 - 120

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 500-843596/31

Matrix: Water

Analysis Batch: 843596

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			11/17/25 11:20	1

Lab Sample ID: MB 500-843596/61

Matrix: Water

Analysis Batch: 843596

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			11/17/25 13:06	1

Lab Sample ID: LCS 500-843596/32

Matrix: Water

Analysis Batch: 843596

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	10.3		mg/L		103	90 - 119

Lab Sample ID: LCS 500-843596/62

Matrix: Water

Analysis Batch: 843596

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	10.4		mg/L		104	90 - 119

Lab Sample ID: 500-277753-8 MS

Matrix: Water

Analysis Batch: 843596

Client Sample ID: MW-09

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.66		5.00	6.25		mg/L		112	75 - 125

Lab Sample ID: 500-277753-8 MSD

Matrix: Water

Analysis Batch: 843596

Client Sample ID: MW-09

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.66		5.00	6.09		mg/L		108	75 - 125	3	20

Eurofins Chicago

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: MB 500-844763/31

Matrix: Water

Analysis Batch: 844763

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.10		0.10		mg/L			11/24/25 17:07	1

Lab Sample ID: LCS 500-844763/32

Matrix: Water

Analysis Batch: 844763

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.94		mg/L		99	90 - 119

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Ver-12/04/25 (Rev. 1)

Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park IL 60487

Phone 708 534 5200 Fax 708 534 5211

Chain of Custody Record

eurofins

Client Information		Sampler <i>IAN JOHN HOWISON</i>		Lab PM Nelson Dirk		Carrier Tracking No(s)		COC No 500-142605-48726 1											
Client Contact Mr Tim Stohner		Phone <i>630-290-6850</i>		E Mail Dirk.Nelson@et.eurofins.com		State of Origin		Page Page 1 of 1											
Company KPRG and Associates Inc		PWSID		Analysis Requested															
Address 414 Plaza Drive Suite 106		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0 904.0 6010C 6020A, 7470A 2540C 4500_F_C, SM4500_C1_E, SM4500_SO4_E Total Number of containers															
City Westmont		TAT Requested (days)																	
State Zip IL 60559		Compliance Project ☐ Yes ☐ No																	
Phone		PO # 4502187743																	
Email tims@kprginc.com		WO #																	
Project Name Will County 2S/3S Event Desc Quarterly GW Monitoring		Project # 50011609		Job # <i>500-277753</i> Preservation Codes D HNO3 N None															
Site Illinois		SSOW#																	
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air, DW=Drinking Water)														
				Preservation Code															
MW-05		11-12-25	13:42	G	Water	N	N	X	X	X									
MW-06		11-12-25	09:29	G	Water	N	N	X	X	X									
MW-09		11-12-25	12:12	G	Water	N	N	X	X	X									
MW 10		11-12-25	10:52	G	Water	N	N	X	X	X									
MW 11		—	—	—	Water														
MW 12		—	—	—	Water														
2S/3S Duplicate		—	—	—	Water														
MW 16		—	—	—	Water														
MW 17		—	—	—	Water														
MW 18		—	—	—	Water														
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological										☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months									
Deliverable Requested I II III IV, Other (specify)										Special Instructions/QC Requirements									
Empty Kit Relinquished by					Date					Time					Method of Shipment				
Relinquished by <i>[Signature]</i>					Date/Time 11-12-25 15:55					Company KPRG					Received by <i>[Signature]</i>				
Relinquished by					Date/Time					Company					Received by				
Relinquished by					Date/Time					Company					Received by				
Custody Seals Intact ☐ Yes ☐ No					Custody Seal No					Cooler Temperature(s) °C and Other Remarks 53 → 51, 80 → 77 48qt 30qt									

Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park, IL 60487

Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>IAN JOHN HOWESON</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No 500-138949-48726 1				
Client Contact: Mr Tim Stohner		Phone: <u>630-290-6850</u>		E-Mail Diana Mockler@et eurofinsus.com		State of Origin.		Page Page 1 of 1				
Company: KPRG and Associates, Inc		PWSID:		Analysis Requested						Job #: <u>500-277753</u>		
Address 414 Plaza Drive Suite 106		Due Date Requested		 500-277753 COC						Preservation Codes D - HNO3 N - None		
City Westmont		TAT Requested (days)								Other		
State Zip: IL, 60559		Compliance Project. ☐ Yes ☐ No										
Phone:		PO #: 4502187743										
Email: tims@kprginc.com		WO #.										
Project Name: Will County 2S/3S Event Desc: Quarterly GW Monitoring <u>CCR</u>		Project #: 50011609										
Site: Illinois		SSOW#										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E	Total Number of containers	Special Instructions/Note
MW-05					Water			D	D	N		
MW-06					Water							
MW-09					Water							
MW-10					Water							
MW-11					Water							
MW-12					Water							
2S/3S Duplicate					Water							
MW-16					Water							
MW-17					Water							
10 MW-18		11-21-25	10:52	G	W	NN	XXX				5	
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)										
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months										
Deliverable Requested I, II, III, IV, Other (specify)		Special Instructions/QC Requirements										
Empty Kit Relinquished by:		Date		Time		Method of Shipment:						
Relinquished by: <u>[Signature]</u>		Date/Time: 11-21-25 12:40		Company: KPRG		Received by: <u>[Signature]</u>		Date/Time: 11/21/25 1240		Company: <u>EETW</u>		
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:		
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:		
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks								
				-0.2 to -0.2								

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-277753-1

Login Number: 277753

List Source: Eurofins Chicago

List Number: 1

Creator: Knox, Angel

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	3.7, 1.9, 3.9, 5.1, 7.7, -0.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Client Sample ID: MW-11

Date Collected: 11/10/25 14:45

Date Received: 11/11/25 15:40

Lab Sample ID: 500-277753-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		5	844223	RN	EET CHI	11/20/25 13:15
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		1	843871	RN	EET CHI	11/18/25 18:38
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		1	844101	RN	EET CHI	11/19/25 12:35
Total/NA	Prep	7470A			843673	MJG	EET CHI	11/18/25 10:55 - 11/18/25 12:55 ¹
Total/NA	Analysis	7470A		1	843939	MJG	EET CHI	11/19/25 10:13
Total/NA	Analysis	300.0		10	843732	MM	EET CHI	11/18/25 21:50
Total/NA	Analysis	SM 2540C		1	842885	NM	EET CHI	11/12/25 15:53
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 12:34
Total/NA	Analysis	Field Sampling		1	844433	DN	EET CHI	11/10/25 14:45

Client Sample ID: MW-12

Date Collected: 11/10/25 11:12

Date Received: 11/11/25 15:40

Lab Sample ID: 500-277753-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		5	844223	RN	EET CHI	11/20/25 13:32
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		1	843871	RN	EET CHI	11/18/25 18:52
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		1	844101	RN	EET CHI	11/19/25 12:46
Total/NA	Prep	7470A			843673	MJG	EET CHI	11/18/25 10:55 - 11/18/25 12:55 ¹
Total/NA	Analysis	7470A		1	843939	MJG	EET CHI	11/19/25 10:15
Total/NA	Analysis	300.0		10	843732	MM	EET CHI	11/18/25 21:58
Total/NA	Analysis	SM 2540C		1	842885	NM	EET CHI	11/12/25 15:53
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 12:37
Total/NA	Analysis	Field Sampling		1	844433	DN	EET CHI	11/10/25 11:12

Client Sample ID: 2S/3S Duplicate

Date Collected: 11/10/25 00:00

Date Received: 11/11/25 15:40

Lab Sample ID: 500-277753-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		5	844223	RN	EET CHI	11/20/25 13:35
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		1	843871	RN	EET CHI	11/18/25 18:54
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		1	844101	RN	EET CHI	11/19/25 12:48
Total/NA	Prep	7470A			843673	MJG	EET CHI	11/18/25 10:55 - 11/18/25 12:55 ¹
Total/NA	Analysis	7470A		1	843939	MJG	EET CHI	11/19/25 10:17

Eurofins Chicago

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Client Sample ID: 2S/3S Duplicate

Lab Sample ID: 500-277753-3

Date Collected: 11/10/25 00:00

Matrix: Water

Date Received: 11/11/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	843732	MM	EET CHI	11/18/25 22:06
Total/NA	Analysis	SM 2540C		1	842885	NM	EET CHI	11/12/25 15:53
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 12:40

Client Sample ID: MW-16

Lab Sample ID: 500-277753-4

Date Collected: 11/10/25 15:16

Matrix: Water

Date Received: 11/11/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		1	844223	RN	EET CHI	11/20/25 13:37
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		1	843871	RN	EET CHI	11/18/25 18:56
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		1	844101	RN	EET CHI	11/19/25 12:50
Total/NA	Prep	7470A			843673	MJG	EET CHI	11/18/25 10:55 - 11/18/25 12:55 ¹
Total/NA	Analysis	7470A		1	843939	MJG	EET CHI	11/19/25 10:19
Total/NA	Analysis	300.0		10	843732	MM	EET CHI	11/18/25 22:30
Total/NA	Analysis	SM 2540C		1	842885	NM	EET CHI	11/12/25 15:53
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 12:44
Total/NA	Analysis	Field Sampling		1	844433	DN	EET CHI	11/10/25 15:16

Client Sample ID: MW-17

Lab Sample ID: 500-277753-5

Date Collected: 11/10/25 15:52

Matrix: Water

Date Received: 11/11/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		5	844223	RN	EET CHI	11/20/25 13:39
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		1	843871	RN	EET CHI	11/18/25 18:58
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		1	844101	RN	EET CHI	11/19/25 12:56
Total/NA	Prep	7470A			843673	MJG	EET CHI	11/18/25 10:55 - 11/18/25 12:55 ¹
Total/NA	Analysis	7470A		1	843939	MJG	EET CHI	11/19/25 10:21
Total/NA	Analysis	300.0		10	843732	MM	EET CHI	11/18/25 22:38
Total/NA	Analysis	SM 2540C		1	842885	NM	EET CHI	11/12/25 15:53
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 12:47
Total/NA	Analysis	Field Sampling		1	844433	DN	EET CHI	11/10/25 15:52

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Client Sample ID: MW-05

Date Collected: 11/12/25 13:42

Date Received: 11/12/25 15:55

Lab Sample ID: 500-277753-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		5	844250	RN	EET CHI	11/20/25 15:13
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		1	843871	RN	EET CHI	11/18/25 19:00
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		1	844101	RN	EET CHI	11/19/25 13:00
Total/NA	Prep	7470A			843673	MJG	EET CHI	11/18/25 10:55 - 11/18/25 12:55 ¹
Total/NA	Analysis	7470A		1	843939	MJG	EET CHI	11/19/25 10:23
Total/NA	Analysis	300.0		10	843918	MM	EET CHI	11/19/25 11:27
Total/NA	Analysis	SM 2540C		1	843839	CLB	EET CHI	11/19/25 05:41
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 12:59
Total/NA	Analysis	Field Sampling		1	844433	DN	EET CHI	11/12/25 13:42

Client Sample ID: MW-06

Date Collected: 11/12/25 09:29

Date Received: 11/12/25 15:55

Lab Sample ID: 500-277753-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		5	844223	RN	EET CHI	11/20/25 13:44
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		1	843871	RN	EET CHI	11/18/25 19:13
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		1	844101	RN	EET CHI	11/19/25 13:14
Total/NA	Prep	7470A			843673	MJG	EET CHI	11/18/25 10:55 - 11/18/25 12:55 ¹
Total/NA	Analysis	7470A		1	843939	MJG	EET CHI	11/19/25 10:35
Total/NA	Analysis	300.0		5	843918	MM	EET CHI	11/19/25 11:35
Total/NA	Analysis	SM 2540C		1	843839	CLB	EET CHI	11/19/25 05:43
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 13:03
Total/NA	Analysis	Field Sampling		1	844433	DN	EET CHI	11/12/25 09:29

Client Sample ID: MW-09

Date Collected: 11/12/25 12:12

Date Received: 11/12/25 15:55

Lab Sample ID: 500-277753-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		5	844223	RN	EET CHI	11/20/25 13:47
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		1	843871	RN	EET CHI	11/18/25 19:15
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		1	844101	RN	EET CHI	11/19/25 13:16
Total/NA	Prep	7470A			843673	MJG	EET CHI	11/18/25 10:55 - 11/18/25 12:55 ¹
Total/NA	Analysis	7470A		1	843939	MJG	EET CHI	11/19/25 10:37

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Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25

Job ID: 500-277753-1

Client Sample ID: MW-09

Date Collected: 11/12/25 12:12

Date Received: 11/12/25 15:55

Lab Sample ID: 500-277753-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	843781	MM	EET CHI	11/19/25 00:23
Total/NA	Analysis	SM 2540C		1	843839	CLB	EET CHI	11/19/25 05:46
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 13:14
Total/NA	Analysis	Field Sampling		1	844433	DN	EET CHI	11/12/25 12:12

Client Sample ID: MW-10

Date Collected: 11/12/25 10:52

Date Received: 11/12/25 15:55

Lab Sample ID: 500-277753-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		5	844223	RN	EET CHI	11/20/25 13:56
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		1	843871	RN	EET CHI	11/18/25 19:17
Total Recoverable	Prep	3005A			843566	MS	EET CHI	11/17/25 15:38 - 11/17/25 21:38 ¹
Total Recoverable	Analysis	6020B		1	844101	RN	EET CHI	11/19/25 13:18
Total/NA	Prep	7470A			843673	MJG	EET CHI	11/18/25 10:55 - 11/18/25 12:55 ¹
Total/NA	Analysis	7470A		1	843939	MJG	EET CHI	11/19/25 10:39
Total/NA	Analysis	300.0		10	843781	MM	EET CHI	11/19/25 00:31
Total/NA	Analysis	SM 2540C		1	843839	CLB	EET CHI	11/19/25 05:49
Total/NA	Analysis	SM 4500 F C		1	843596	AC	EET CHI	11/17/25 13:21
Total/NA	Analysis	Field Sampling		1	844433	DN	EET CHI	11/12/25 10:52

Client Sample ID: MW-18

Date Collected: 11/21/25 10:52

Date Received: 11/21/25 12:40

Lab Sample ID: 500-277753-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			844593	BDE	EET CHI	11/24/25 09:00 - 11/24/25 15:00 ¹
Total Recoverable	Analysis	6020B		1	844800	RN	EET CHI	11/24/25 18:19
Total Recoverable	Prep	3005A			844593	BDE	EET CHI	11/24/25 09:00 - 11/24/25 15:00 ¹
Total Recoverable	Analysis	6020B		5	844913	RN	EET CHI	11/25/25 14:10
Total/NA	Prep	7470A			844639	MJG	EET CHI	11/24/25 11:15 - 11/24/25 13:15 ¹
Total/NA	Analysis	7470A		1	844828	MJG	EET CHI	11/25/25 08:56
Total/NA	Analysis	300.0		50	844475	MM	EET CHI	11/22/25 12:48
Total/NA	Analysis	SM 2540C		1	844977	CLB	EET CHI	11/26/25 09:34
Total/NA	Analysis	SM 4500 F C		1	844763	AC	EET CHI	11/24/25 18:37
Total/NA	Analysis	Field Sampling		1	844840	DN	EET CHI	11/21/25 10:52

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Eurofins Chicago

Parameter Well	MW-01	MW-02	MW-03	MW-04	MW-05	MW-06	MW-07	MW-08	MW-09
Field pH	6.75	7.56	6.57	6.53	7.16	7.16	6.95	6.97	8.04
Field Temp (deg C)	14.3	16.6	13.5	15.5	15.8	14.9	12.8	14.1	15.2
Field Specific Conductance (mS/cm)	1.558	1.505	1.393	2.079	1.544	1.190	1.909	2.035	1.458
Dissolved Oxygen (mg/L)	1.73	0.93	1.34	0.85	1.82	1.16	2.03	2.79	2.04
Field Turbidity NTU	3.88	3.81	12.29	28.63	3.33	6.46	5.82	7.96	3.49
ORP (mV)	120.1	-68.7	188.3	257.6	158.8	175.6	65.3	149.7	-91.8
Groundwater Elevation (ft)	581.41	581.33	580.79	580.95	580.98	580.05	580.85	580.46	580.12
Description	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
Sampling Method	Dedicated bladder pump	Dedicated bladder pump	Dedicated bladder pump	Dedicated bladder pump	Dedicated bladder pump	Dedicated bladder pump	Dedicated bladder pump	Dedicated bladder pump	Dedicated bladder pump

MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	
6.95	7.06	7.02	7.03	7.79	6.83	7.04	7.90	8.89	
13.6	11.3	13.2	11.1	11.1	12.4	10.3	11.4	12.9	
1.635	1.187	1.667	1.366	1.456	2.204	1.196	1.218	1.254	
0.81	1.69	1.21	1.08	0.59	1.56	3.12	2.89	1.14	
7.75	6.99	4.08	49.33	15.82	53.11	7.09	11.87	9.62	
-23.2	-21.7	178.1	254.6	199.2	15.7	2.3	108.9	-114.3	
579.42	579.60	579.51	581.79	581.32	581.61	578.98	579.22	Not available	
Clear	Clear	Clear	Clear	Clear	Slightly turbid	Slightly turbid	Slightly turbid	Clear	
Dedicated bladder pump	Dedicated bladder pump	Dedicated bladder pump	Dedicated bladder pump	Dedicated bladder pump	Dedicated bladder pump	Dedicated bladder pump	Dedicated bladder pump	Dedicated bladder pump	

ANALYTICAL REPORT

PREPARED FOR

Attn: James Thorne
Midwest Generation EME LLC
1800 Channahon Road
Joliet, Illinois 60436

Generated 12/31/25 10:11:49

JOB DESCRIPTION

Will County CCR 2S/3S 4Q25 (RAD)

JOB NUMBER

500-277753-2

Eurofins Chicago

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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Authorization



Generated
12/31/25 10:11:49

Authorized for release by
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Case Narrative

Client: Midwest Generation EME LLC
Project: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Job ID: 500-277753-2

Eurofins Chicago

Job Narrative 500-277753-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 11/11/2025 3:40 PM, 11/12/2025 3:55 PM and 11/21/2025 12:40 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were -0.2°C, 1.9°C, 3.7°C, 3.9°C, 5.1°C and 7.7°C.

Gas Flow Proportional Counter

Method 904.0: Radium 228 Batch 160-745587:

The Radium 228 laboratory control sample (LCS) associated with the following samples recovered at 130%: (LCS 160-745587/2-A). The limits in our LIMS system at 75-125% reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of 68-154%. The LCS is within criteria and no further action is required.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Chicago

Method Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Method	Method Description	Protocol	Laboratory
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency
None = None
TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-277753-1	MW-11	Water	11/10/25 14:45	11/11/25 15:40	Illinois
500-277753-2	MW-12	Water	11/10/25 11:12	11/11/25 15:40	Illinois
500-277753-3	2S/3S Duplicate	Water	11/10/25 00:00	11/11/25 15:40	Illinois
500-277753-4	MW-16	Water	11/10/25 15:16	11/11/25 15:40	Illinois
500-277753-5	MW-17	Water	11/10/25 15:52	11/11/25 15:40	Illinois
500-277753-6	MW-05	Water	11/12/25 13:42	11/12/25 15:55	Illinois
500-277753-7	MW-06	Water	11/12/25 09:29	11/12/25 15:55	Illinois
500-277753-8	MW-09	Water	11/12/25 12:12	11/12/25 15:55	Illinois
500-277753-9	MW-10	Water	11/12/25 10:52	11/12/25 15:55	Illinois
500-277753-10	MW-18	Water	11/21/25 10:52	11/21/25 12:40	Illinois

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Client Sample ID: MW-11

Lab Sample ID: 500-277753-1

Date Collected: 11/10/25 14:45

Matrix: Water

Date Received: 11/11/25 15:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.348		0.218	0.220	1.00	0.287	pCi/L	11/14/25 08:03	12/10/25 07:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	69.4		30 - 110					11/14/25 08:03	12/10/25 07:46	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.485	U	0.356	0.359	1.00	0.536	pCi/L	12/16/25 07:41	12/22/25 12:10	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.8		30 - 110					12/16/25 07:41	12/22/25 12:10	1
Y Carrier	81.9		30 - 110					12/16/25 07:41	12/22/25 12:10	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.832		0.417	0.421	5.00	0.536	pCi/L		12/31/25 09:43	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Client Sample ID: MW-12

Lab Sample ID: 500-277753-2

Date Collected: 11/10/25 11:12

Matrix: Water

Date Received: 11/11/25 15:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.146	U	0.205	0.205	1.00	0.346	pCi/L	11/14/25 08:03	12/10/25 07:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	63.8		30 - 110					11/14/25 08:03	12/10/25 07:46	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.25		0.594	0.605	1.00	0.839	pCi/L	12/16/25 07:41	12/22/25 12:11	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.2		30 - 110					12/16/25 07:41	12/22/25 12:11	1
Y Carrier	78.9		30 - 110					12/16/25 07:41	12/22/25 12:11	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.39		0.628	0.639	5.00	0.839	pCi/L		12/31/25 09:43	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Client Sample ID: 2S/3S Duplicate

Lab Sample ID: 500-277753-3

Date Collected: 11/10/25 00:00

Matrix: Water

Date Received: 11/11/25 15:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.570		0.260	0.265	1.00	0.302	pCi/L	11/14/25 08:03	12/10/25 07:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	70.5		30 - 110					11/14/25 08:03	12/10/25 07:46	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0775	U	0.399	0.399	1.00	0.735	pCi/L	11/14/25 08:07	12/09/25 09:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	70.5		30 - 110					11/14/25 08:07	12/09/25 09:58	1
Y Carrier	68.4		30 - 110					11/14/25 08:07	12/09/25 09:58	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.647	U	0.476	0.479	5.00	0.735	pCi/L		12/12/25 16:29	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Client Sample ID: MW-16

Lab Sample ID: 500-277753-4

Date Collected: 11/10/25 15:16

Matrix: Water

Date Received: 11/11/25 15:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.10		0.344	0.358	1.00	0.323	pCi/L	11/14/25 08:03	12/10/25 07:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	68.0		30 - 110					11/14/25 08:03	12/10/25 07:47	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.674		0.404	0.409	1.00	0.578	pCi/L	12/16/25 07:44	12/22/25 12:10	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.3		30 - 110					12/16/25 07:44	12/22/25 12:10	1
Y Carrier	81.1		30 - 110					12/16/25 07:44	12/22/25 12:10	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.77		0.531	0.544	5.00	0.578	pCi/L		12/31/25 09:43	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Client Sample ID: MW-17

Lab Sample ID: 500-277753-5

Date Collected: 11/10/25 15:52

Matrix: Water

Date Received: 11/11/25 15:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.434		0.230	0.233	1.00	0.281	pCi/L	11/14/25 08:03	12/10/25 07:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.1		30 - 110					11/14/25 08:03	12/10/25 07:53	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.406	U	0.562	0.563	1.00	0.945	pCi/L	11/14/25 08:07	12/09/25 10:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.1		30 - 110					11/14/25 08:07	12/09/25 10:01	1
Y Carrier	53.8		30 - 110					11/14/25 08:07	12/09/25 10:01	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.840	U	0.607	0.609	5.00	0.945	pCi/L		12/12/25 16:29	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Client Sample ID: MW-05

Lab Sample ID: 500-277753-6

Date Collected: 11/12/25 13:42

Matrix: Water

Date Received: 11/12/25 15:55

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.122	U	0.159	0.160	1.00	0.266	pCi/L	11/17/25 08:25	12/09/25 09:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.9		30 - 110					11/17/25 08:25	12/09/25 09:47	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.133	U	0.495	0.495	1.00	0.877	pCi/L	11/17/25 08:28	12/08/25 12:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.9		30 - 110					11/17/25 08:28	12/08/25 12:01	1
Y Carrier	72.9		30 - 110					11/17/25 08:28	12/08/25 12:01	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.255	U	0.520	0.520	5.00	0.877	pCi/L		12/29/25 14:17	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Client Sample ID: MW-06

Lab Sample ID: 500-277753-7

Date Collected: 11/12/25 09:29

Matrix: Water

Date Received: 11/12/25 15:55

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.297		0.195	0.197	1.00	0.259	pCi/L	11/17/25 08:25	12/09/25 09:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.5		30 - 110					11/17/25 08:25	12/09/25 09:47	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.294	U	0.488	0.488	1.00	0.831	pCi/L	11/17/25 08:28	12/08/25 12:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	75.5		30 - 110					11/17/25 08:28	12/08/25 12:01	1
Y Carrier	75.5		30 - 110					11/17/25 08:28	12/08/25 12:01	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.592	U	0.526	0.526	5.00	0.831	pCi/L		12/29/25 14:17	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Client Sample ID: MW-09

Lab Sample ID: 500-277753-8

Date Collected: 11/12/25 12:12

Matrix: Water

Date Received: 11/12/25 15:55

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.166	U	0.221	0.222	1.00	0.370	pCi/L	11/17/25 08:25	12/09/25 09:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.3		30 - 110					11/17/25 08:25	12/09/25 09:47	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.605	U	0.517	0.520	1.00	0.814	pCi/L	11/17/25 08:28	12/08/25 12:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	76.3		30 - 110					11/17/25 08:28	12/08/25 12:01	1
Y Carrier	74.8		30 - 110					11/17/25 08:28	12/08/25 12:01	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.770	U	0.562	0.565	5.00	0.814	pCi/L		12/29/25 14:17	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Client Sample ID: MW-10

Lab Sample ID: 500-277753-9

Date Collected: 11/12/25 10:52

Matrix: Water

Date Received: 11/12/25 15:55

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.354		0.231	0.233	1.00	0.326	pCi/L	11/17/25 08:25	12/09/25 09:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.7		30 - 110					11/17/25 08:25	12/09/25 09:47	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.61		0.609	0.627	1.00	0.782	pCi/L	11/17/25 08:28	12/08/25 12:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.7		30 - 110					11/17/25 08:28	12/08/25 12:01	1
Y Carrier	77.0		30 - 110					11/17/25 08:28	12/08/25 12:01	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.97		0.651	0.669	5.00	0.782	pCi/L		12/29/25 14:17	1

Client Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Client Sample ID: MW-18

Lab Sample ID: 500-277753-10

Date Collected: 11/21/25 10:52

Matrix: Water

Date Received: 11/21/25 12:40

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.262		0.141	0.143	1.00	0.174	pCi/L	12/02/25 08:20	12/26/25 16:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.3		30 - 110					12/02/25 08:20	12/26/25 16:43	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0116	U	0.441	0.441	1.00	0.815	pCi/L	12/02/25 08:26	12/23/25 12:51	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.3		30 - 110					12/02/25 08:26	12/23/25 12:51	1
Y Carrier	81.1		30 - 110					12/02/25 08:26	12/23/25 12:51	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.250	U	0.463	0.464	5.00	0.815	pCi/L		12/29/25 14:17	1

Definitions/Glossary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Rad

Prep Batch: 745246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-1	MW-11	Total/NA	Water	PrecSep-21	
500-277753-2	MW-12	Total/NA	Water	PrecSep-21	
500-277753-3	2S/3S Duplicate	Total/NA	Water	PrecSep-21	
500-277753-4	MW-16	Total/NA	Water	PrecSep-21	
500-277753-5	MW-17	Total/NA	Water	PrecSep-21	
MB 160-745246/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-745246/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 745247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-3	2S/3S Duplicate	Total/NA	Water	PrecSep_0	
500-277753-5	MW-17	Total/NA	Water	PrecSep_0	
MB 160-745247/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-745247/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 745586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-6	MW-05	Total/NA	Water	PrecSep-21	
500-277753-7	MW-06	Total/NA	Water	PrecSep-21	
500-277753-8	MW-09	Total/NA	Water	PrecSep-21	
500-277753-9	MW-10	Total/NA	Water	PrecSep-21	
MB 160-745586/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-745586/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 745587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-6	MW-05	Total/NA	Water	PrecSep_0	
500-277753-7	MW-06	Total/NA	Water	PrecSep_0	
500-277753-8	MW-09	Total/NA	Water	PrecSep_0	
500-277753-9	MW-10	Total/NA	Water	PrecSep_0	
MB 160-745587/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-745587/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 747534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-10	MW-18	Total/NA	Water	PrecSep-21	
MB 160-747534/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-747534/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 747535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-10	MW-18	Total/NA	Water	PrecSep_0	
MB 160-747535/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-747535/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 749657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-277753-1	MW-11	Total/NA	Water	PrecSep_0	
500-277753-2	MW-12	Total/NA	Water	PrecSep_0	
500-277753-4	MW-16	Total/NA	Water	PrecSep_0	
MB 160-749657/1-A	Method Blank	Total/NA	Water	PrecSep_0	

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QC Association Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Rad (Continued)

Prep Batch: 749657 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 160-749657/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-745246/1-A

Matrix: Water

Analysis Batch: 748729

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 745246

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02640	U	0.136	0.136	1.00	0.268	pCi/L	11/14/25 08:03	12/10/25 07:52	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.4		30 - 110					11/14/25 08:03	12/10/25 07:52	1

Lab Sample ID: LCS 160-745246/2-A

Matrix: Water

Analysis Batch: 748729

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 745246

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	10.29		1.32	1.00	0.303	pCi/L	108	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	70.2		30 - 110							

Lab Sample ID: MB 160-745586/1-A

Matrix: Water

Analysis Batch: 748579

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 745586

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1102	U	0.144	0.144	1.00	0.240	pCi/L	11/17/25 08:25	12/09/25 07:38	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.2		30 - 110					11/17/25 08:25	12/09/25 07:38	1

Lab Sample ID: LCS 160-745586/2-A

Matrix: Water

Analysis Batch: 748579

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 745586

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	11.36		1.37	1.00	0.259	pCi/L	119	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	87.5		30 - 110							

Lab Sample ID: MB 160-747534/1-A

Matrix: Water

Analysis Batch: 751117

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 747534

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.008553	U	0.0553	0.0553	1.00	0.128	pCi/L	12/02/25 08:20	12/26/25 16:29	1

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QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: MB 160-747534/1-A

Matrix: Water

Analysis Batch: 751117

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 747534

	MB	MB									
Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac					
Ba Carrier	88.2		30 - 110	12/02/25 08:20	12/26/25 16:29	1					

Lab Sample ID: LCS 160-747534/2-A

Matrix: Water

Analysis Batch: 751117

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 747534

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226	9.57	10.00		1.12	1.00	0.160	pCi/L	104	75 - 125		
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	86.8		30 - 110								

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-745247/1-A

Matrix: Water

Analysis Batch: 748588

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 745247

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2909	U	0.423	0.424	1.00	0.713	pCi/L	11/14/25 08:07	12/09/25 10:00	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.4		30 - 110					11/14/25 08:07	12/09/25 10:00	1
Y Carrier	77.4		30 - 110					11/14/25 08:07	12/09/25 10:00	1

Lab Sample ID: LCS 160-745247/2-A

Matrix: Water

Analysis Batch: 748588

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 745247

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228	7.87	9.519		1.45	1.00	0.746	pCi/L	121	75 - 125		
Carrier	%Yield	Qualifier	Limits								
Ba Carrier	70.2		30 - 110								
Y Carrier	75.5		30 - 110								

Lab Sample ID: MB 160-745587/1-A

Matrix: Water

Analysis Batch: 748400

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 745587

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3680	U	0.432	0.434	1.00	0.712	pCi/L	11/17/25 08:28	12/08/25 12:02	1

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QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: MB 160-745587/1-A

Matrix: Water

Analysis Batch: 748400

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 745587

Carrier	MB MB		Limits			
	%Yield	Qualifier		Prepared	Analyzed	Dil Fac
Ba Carrier	85.2		30 - 110	11/17/25 08:28	12/08/25 12:02	1
Y Carrier	79.6		30 - 110	11/17/25 08:28	12/08/25 12:02	1

Lab Sample ID: LCS 160-745587/2-A

Matrix: Water

Analysis Batch: 748400

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 745587

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228	7.87	10.25		1.46	1.00	0.730	pCi/L	130	75 - 125		

Carrier	LCS LCS		Limits
	%Yield	Qualifier	
Ba Carrier	87.5		30 - 110
Y Carrier	78.9		30 - 110

Lab Sample ID: MB 160-747535/1-A

Matrix: Water

Analysis Batch: 750909

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 747535

Analyte	MB MB		Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Radium-228	0.3468	U	0.366	0.367	1.00	0.594	pCi/L	12/02/25 08:26	12/23/25 12:47	1

Carrier	MB MB		Limits			
	%Yield	Qualifier		Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110	12/02/25 08:26	12/23/25 12:47	1
Y Carrier	86.0		30 - 110	12/02/25 08:26	12/23/25 12:47	1

Lab Sample ID: LCS 160-747535/2-A

Matrix: Water

Analysis Batch: 750909

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 747535

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228	7.83	9.245		1.32	1.00	0.616	pCi/L	118	75 - 125		

Carrier	LCS LCS		Limits
	%Yield	Qualifier	
Ba Carrier	86.8		30 - 110
Y Carrier	85.2		30 - 110

Lab Sample ID: MB 160-749657/1-A

Matrix: Water

Analysis Batch: 750692

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 749657

Analyte	MB MB		Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Radium-228	0.2597	U	0.388	0.389	1.00	0.655	pCi/L	12/16/25 07:41	12/22/25 12:04	1

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QC Sample Results

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: MB 160-749657/1-A

Matrix: Water

Analysis Batch: 750692

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 749657

Carrier	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Yield	Qualifier				
Ba Carrier	84.6		30 - 110	12/16/25 07:41	12/22/25 12:04	1
Y Carrier	82.6		30 - 110	12/16/25 07:41	12/22/25 12:04	1

Lab Sample ID: LCS 160-749657/2-A

Matrix: Water

Analysis Batch: 750692

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 749657

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	7.83	9.565		1.33	1.00	0.532	pCi/L	122	75 - 125

Carrier	LCS LCS		Limits
	%Yield	Qualifier	
Ba Carrier	88.0		30 - 110
Y Carrier	81.9		30 - 110

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18410 Crossing Drive Suite E

Tinley Park IL 60487

Phone 708 534 5200 Fax 708 534 5211

Chain of Custody Record

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Client Information		Sampler <i>IAN JOHN HOWISON</i>		Lab PM Nelson Dirk		Carrier Tracking No(s)		COC No 500-142605-48726 1											
Client Contact Mr Tim Stohner		Phone <i>630-290-6850</i>		E Mail Dirk.Nelson@et.eurofinsus.com		State of Origin		Page Page 1 of 1											
Company KPRG and Associates Inc		PWSID		Analysis Requested															
Address 414 Plaza Drive Suite 106		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 903.0 904.0 6010C 6020A, 7470A 2540C 4500_F_C, SM4500_CI_E, SM4500_SO4_E Total Number of containers															
City Westmont		TAT Requested (days)																	
State Zip IL 60559		Compliance Project ☐ Yes ☐ No																	
Phone		PO # 4502187743																	
Email tims@kprginc.com		WO #																	
Project Name Will County 2S/3S Event Desc Quarterly GW Monitoring		Project # 50011609		Job # <i>500-277753</i> Preservation Codes D HNO3 N None															
Site Illinois		SSOW#																	
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air, DW=Drinking Water)														
				Preservation Code															
MW-05		<i>11-12-25</i>	<i>13:42</i>	<i>G</i>	Water	<i>N</i>	<i>N</i>	<i>X</i>	<i>X</i>	<i>X</i>									
MW-06		<i>11-12-25</i>	<i>09:29</i>	<i>G</i>	Water	<i>N</i>	<i>N</i>	<i>X</i>	<i>X</i>	<i>X</i>									
MW-09		<i>11-12-25</i>	<i>12:12</i>	<i>G</i>	Water	<i>N</i>	<i>N</i>	<i>X</i>	<i>X</i>	<i>X</i>									
MW 10		<i>11-12-25</i>	<i>10:52</i>	<i>G</i>	Water	<i>N</i>	<i>N</i>	<i>X</i>	<i>X</i>	<i>X</i>									
MW 11		—	—	—	Water														
MW 12		—	—	—	Water														
2S/3S Duplicate		—	—	—	Water														
MW 16		—	—	—	Water														
MW 17		—	—	—	Water														
MW 18		—	—	—	Water														
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological										☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months									
Deliverable Requested I II III IV, Other (specify)										Special Instructions/QC Requirements									
Empty Kit Relinquished by					Date					Time					Method of Shipment				
Relinquished by <i>[Signature]</i>					Date/Time <i>11-12-25 15:55</i>					Company <i>KPRG</i>					Received by <i>[Signature]</i>				
Relinquished by					Date/Time					Company					Received by				
Relinquished by					Date/Time					Company					Received by				
Custody Seals Intact ☐ Yes ☐ No					Custody Seal No					Cooler Temperature(s) °C and Other Remarks <i>53 → 51, 80 → 77 48qt 30qt</i>									

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18410 Crossing Drive Suite E

Tinley Park, IL 60487

Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record



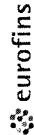
Environment Testing

Client Information		Sampler: <u>IAN JOHN HOWESON</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s)		COC No 500-138949-48726 1				
Client Contact: Mr Tim Stohner		Phone: <u>630-290-6850</u>		E-Mail Diana Mockler@et eurofinsus.com		State of Origin.		Page Page 1 of 1				
Company: KPRG and Associates, Inc		PWSID:		Analysis Requested						Job #: <u>500-277753</u>		
Address 414 Plaza Drive Suite 106		Due Date Requested		 500-277753 COC						Preservation Codes D - HNO3 N - None		
City Westmont		TAT Requested (days)								Other		
State Zip: IL, 60559		Compliance Project. ☐ Yes ☐ No										
Phone:		PO #: 4502187743										
Email: tims@kprginc.com		WO #.										
Project Name: Will County 2S/3S Event Desc: Quarterly GW Monitoring <u>CCR</u>		Project #: 50011609		Total Number of containers						Special Instructions/Note		
Site: Illinois		SSOW#										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0, 904.0	6010C, 6020A, 7470A	2540C, 4500_F_C, SM4500_Cl_E, SM4500_SO4_E		
MW-05					Water			D	D	N		
MW-06					Water							
MW-09					Water							
MW-10					Water							
MW-11					Water							
MW-12					Water							
2S/3S Duplicate					Water							
MW-16					Water							
MW-17					Water							
10 MW-18		11-21-25	10:52	G	W	NN	XXX					5
Possible Hazard Identification												
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological												
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)												
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months												
Deliverable Requested I, II, III, IV, Other (specify)												
Special Instructions/QC Requirements												
Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____												
Relinquished by: <u>[Signature]</u>		Date/Time: <u>11-21-25 12:40</u>		Company: <u>KPRG</u>		Received by: <u>[Signature]</u>		Date/Time: <u>11/21/25 1240</u>		Company: <u>EETW</u>		
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:		
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:		
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks <u>-0.2 to -0.2</u>								

18410 Crossing Drive Suite E
Tinley Park, IL 60487

Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



Environment Testing

[illegible]

Chain of Custody Record

[illegible]

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-277753-2

Login Number: 277753

List Source: Eurofins Chicago

List Number: 1

Creator: Knox, Angel

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	3.7, 1.9, 3.9, 5.1, 7.7, -0.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-277753-2

Login Number: 277753

List Number: 2

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 11/13/25 11:29 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-277753-2

Login Number: 277753

List Number: 3

Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis

List Creation: 11/14/25 01:27 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-277753-2

Login Number: 277753

List Number: 4

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

List Creation: 12/01/25 11:02 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Chicago

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Client Sample ID: MW-11

Lab Sample ID: 500-277753-1

Date Collected: 11/10/25 14:45

Matrix: Water

Date Received: 11/11/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745246	VLQ	EET SL	11/14/25 08:03
Total/NA	Analysis	903.0		1	748730	SWS	EET SL	12/10/25 07:46
Total/NA	Prep	PrecSep_0			749657	VLQ	EET SL	12/16/25 07:41
Total/NA	Analysis	904.0		1	750692	FLC	EET SL	12/22/25 12:10
Total/NA	Analysis	Ra226_Ra228		1	751893	CAH	EET SL	12/31/25 09:43

Client Sample ID: MW-12

Lab Sample ID: 500-277753-2

Date Collected: 11/10/25 11:12

Matrix: Water

Date Received: 11/11/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745246	VLQ	EET SL	11/14/25 08:03
Total/NA	Analysis	903.0		1	748730	SWS	EET SL	12/10/25 07:46
Total/NA	Prep	PrecSep_0			749657	VLQ	EET SL	12/16/25 07:41
Total/NA	Analysis	904.0		1	750693	FLC	EET SL	12/22/25 12:11
Total/NA	Analysis	Ra226_Ra228		1	751893	CAH	EET SL	12/31/25 09:43

Client Sample ID: 2S/3S Duplicate

Lab Sample ID: 500-277753-3

Date Collected: 11/10/25 00:00

Matrix: Water

Date Received: 11/11/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745246	VLQ	EET SL	11/14/25 08:03
Total/NA	Analysis	903.0		1	748730	SWS	EET SL	12/10/25 07:46
Total/NA	Prep	PrecSep_0			745247	VLQ	EET SL	11/14/25 08:07
Total/NA	Analysis	904.0		1	748589	SWS	EET SL	12/09/25 09:58
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/12/25 16:29

Client Sample ID: MW-16

Lab Sample ID: 500-277753-4

Date Collected: 11/10/25 15:16

Matrix: Water

Date Received: 11/11/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745246	VLQ	EET SL	11/14/25 08:03
Total/NA	Analysis	903.0		1	748730	SWS	EET SL	12/10/25 07:47
Total/NA	Prep	PrecSep_0			749657	VLQ	EET SL	12/16/25 07:44
Total/NA	Analysis	904.0		1	750692	FLC	EET SL	12/22/25 12:10
Total/NA	Analysis	Ra226_Ra228		1	751893	CAH	EET SL	12/31/25 09:43

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Client Sample ID: MW-17

Lab Sample ID: 500-277753-5

Date Collected: 11/10/25 15:52

Matrix: Water

Date Received: 11/11/25 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745246	VLQ	EET SL	11/14/25 08:03
Total/NA	Analysis	903.0		1	748729	SWS	EET SL	12/10/25 07:53
Total/NA	Prep	PrecSep_0			745247	VLQ	EET SL	11/14/25 08:07
Total/NA	Analysis	904.0		1	748588	SWS	EET SL	12/09/25 10:01
Total/NA	Analysis	Ra226_Ra228		1	749214	EMH	EET SL	12/12/25 16:29

Client Sample ID: MW-05

Lab Sample ID: 500-277753-6

Date Collected: 11/12/25 13:42

Matrix: Water

Date Received: 11/12/25 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745586	AMS	EET SL	11/17/25 08:25
Total/NA	Analysis	903.0		1	748579	SWS	EET SL	12/09/25 09:47
Total/NA	Prep	PrecSep_0			745587	AMS	EET SL	11/17/25 08:28
Total/NA	Analysis	904.0		1	748397	SWS	EET SL	12/08/25 12:01
Total/NA	Analysis	Ra226_Ra228		1	751557	FLC	EET SL	12/29/25 14:17

Client Sample ID: MW-06

Lab Sample ID: 500-277753-7

Date Collected: 11/12/25 09:29

Matrix: Water

Date Received: 11/12/25 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745586	AMS	EET SL	11/17/25 08:25
Total/NA	Analysis	903.0		1	748579	SWS	EET SL	12/09/25 09:47
Total/NA	Prep	PrecSep_0			745587	AMS	EET SL	11/17/25 08:28
Total/NA	Analysis	904.0		1	748397	SWS	EET SL	12/08/25 12:01
Total/NA	Analysis	Ra226_Ra228		1	751557	FLC	EET SL	12/29/25 14:17

Client Sample ID: MW-09

Lab Sample ID: 500-277753-8

Date Collected: 11/12/25 12:12

Matrix: Water

Date Received: 11/12/25 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745586	AMS	EET SL	11/17/25 08:25
Total/NA	Analysis	903.0		1	748579	SWS	EET SL	12/09/25 09:47
Total/NA	Prep	PrecSep_0			745587	AMS	EET SL	11/17/25 08:28
Total/NA	Analysis	904.0		1	748397	SWS	EET SL	12/08/25 12:01
Total/NA	Analysis	Ra226_Ra228		1	751557	FLC	EET SL	12/29/25 14:17

Lab Chronicle

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Client Sample ID: MW-10

Lab Sample ID: 500-277753-9

Date Collected: 11/12/25 10:52

Matrix: Water

Date Received: 11/12/25 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745586	AMS	EET SL	11/17/25 08:25
Total/NA	Analysis	903.0		1	748579	SWS	EET SL	12/09/25 09:47
Total/NA	Prep	PrecSep_0			745587	AMS	EET SL	11/17/25 08:28
Total/NA	Analysis	904.0		1	748397	SWS	EET SL	12/08/25 12:01
Total/NA	Analysis	Ra226_Ra228		1	751557	FLC	EET SL	12/29/25 14:17

Client Sample ID: MW-18

Lab Sample ID: 500-277753-10

Date Collected: 11/21/25 10:52

Matrix: Water

Date Received: 11/21/25 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			747534	AMS	EET SL	12/02/25 08:20
Total/NA	Analysis	903.0		1	751142	FLC	EET SL	12/26/25 16:43
Total/NA	Prep	PrecSep_0			747535	AMS	EET SL	12/02/25 08:26
Total/NA	Analysis	904.0		1	750909	EJS	EET SL	12/23/25 12:51
Total/NA	Analysis	Ra226_Ra228		1	751557	FLC	EET SL	12/29/25 14:17

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Tracer/Carrier Summary

Client: Midwest Generation EME LLC
Project/Site: Will County CCR 2S/3S 4Q25 (RAD)

Job ID: 500-277753-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)						
Lab Sample ID	Client Sample ID	Ba						
		(30-110)						
500-277753-1	MW-11	69.4						
500-277753-2	MW-12	63.8						
500-277753-3	2S/3S Duplicate	70.5						
500-277753-4	MW-16	68.0						
500-277753-5	MW-17	74.1						
500-277753-6	MW-05	81.9						
500-277753-7	MW-06	75.5						
500-277753-8	MW-09	76.3						
500-277753-9	MW-10	77.7						
500-277753-10	MW-18	79.3						
LCS 160-745246/2-A	Lab Control Sample	70.2						
LCS 160-745586/2-A	Lab Control Sample	87.5						
LCS 160-747534/2-A	Lab Control Sample	86.8						
MB 160-745246/1-A	Method Blank	79.4						
MB 160-745586/1-A	Method Blank	85.2						
MB 160-747534/1-A	Method Blank	88.2						
Tracer/Carrier Legend								
Ba = Ba Carrier								

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)						
Lab Sample ID	Client Sample ID	Ba	Y					
		(30-110)	(30-110)					
500-277753-1	MW-11	81.8	81.9					
500-277753-2	MW-12	81.2	78.9					
500-277753-3	2S/3S Duplicate	70.5	68.4					
500-277753-4	MW-16	79.3	81.1					
500-277753-5	MW-17	74.1	53.8					
500-277753-6	MW-05	81.9	72.9					
500-277753-7	MW-06	75.5	75.5					
500-277753-8	MW-09	76.3	74.8					
500-277753-9	MW-10	77.7	77.0					
500-277753-10	MW-18	79.3	81.1					
LCS 160-745247/2-A	Lab Control Sample	70.2	75.5					
LCS 160-745587/2-A	Lab Control Sample	87.5	78.9					
LCS 160-747535/2-A	Lab Control Sample	86.8	85.2					
LCS 160-749657/2-A	Lab Control Sample	88.0	81.9					
MB 160-745247/1-A	Method Blank	79.4	77.4					
MB 160-745587/1-A	Method Blank	85.2	79.6					
MB 160-747535/1-A	Method Blank	88.2	86.0					
MB 160-749657/1-A	Method Blank	84.6	82.6					
Tracer/Carrier Legend								
Ba = Ba Carrier								
Y = Y Carrier								

ATTACHMENT 3

Boring Log and Well Construction Summary