

DATA SUMMARY POSTING

Station: Midwest Generation Will County Generating Station

Regulated Unit(s): Pond 2 S (IEPA ID No. W1978100011-03)
 Pond 3 S (IEPA ID No. W1978100011-04)

In accordance with the new Ill. Adm. Code Title 35, Part 845: Standards for the Disposal of Coal Combustion Residuals in Surface Impoundments (State CCR Rule) groundwater monitoring was completed during the 2nd quarter 2025 which includes the entire list of parameters specified under Section 845.600(a)(1) and (b). Table 1 is a summary table of all available CCR monitoring data to date.

No background statistics or proposed Groundwater Protection Standards are included on these tables. The background statistics and Proposed Groundwater Protection Standards were submitted to Illinois Environmental Protection Agency (EPA) as part of the Application for Initial Operating Permit submitted October 31, 2021. Upon Illinois EPA approval of the Operating Permit and Proposed Groundwater Protection Standards, the approved comparison values will be included on the tables for subsequent data comparisons/evaluations.

Table 1. Groundwater Analytical Data, Pond 2S and Pond 3S, Midwest Generation, LLC, Will County Generating Station, Romeoville, IL.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226 + 228 Combined	Selenium	Thallium	Turbidity	
MW-09 downgradient	11/11/2015	1.9	56	190	0.55	9.12	460	750	< 0.0030	0.0047	0.027	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.14	-0.2208	< 0.0025	< 0.0020	NA	
	2/17/2016	1.8	47	160	0.55	9.10	250	600	< 0.0030	0.0051	0.027	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00065	< 0.010	< 0.00020	0.089	< 0.373	< 0.0025	< 0.0020	NA	
	5/24/2016	1.6	48	180	0.51	8.79	240	640	< 0.0030	0.0043	0.027	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00071	< 0.010	< 0.00020	0.079	0.508	< 0.0025	< 0.0020	NA	
	8/9/2016	2.2	53	140	0.48	8.35	280	750	< 0.0030	0.0052	0.031	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.14	0.639	< 0.0025	< 0.0020	NA	
	10/26/2016	2.2	33	130	0.81	9.16	230	660	< 0.0030	0.0069	0.019	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.11	0.608	< 0.0025	< 0.0020	NA	
	1/31/2017	2.0	61	250	0.57	8.59	180	710	< 0.0030	0.0063	0.038	* < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0014	< 0.010	^< 0.00020	0.090	< 0.450	< 0.0025	< 0.0020	NA	
	5/9/2017	1.8	66	340	0.38	8.58	250	900	< 0.0030	0.0052	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00054	< 0.010	< 0.00020	0.093	< 0.361	< 0.0025	< 0.0020	NA	
	6/27/2017	1.9	64	330	0.51	7.76	240	940	< 0.0030	0.0046	7.76	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.091	0.638	< 0.0025	< 0.0020	NA	
	9/6/2017	1.8	59	310	0.51	8.98	240	890	< 0.0030	0.0047	0.038	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.10	0.454	< 0.0025	< 0.0020	NA	
	11/14/2017	2.6	160	270	0.51	8.1	290	910	< 0.0030	0.0017	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	0.026	< 0.372	0.0061	< 0.0020	NA	
	5/1/2018	1.7	49	200	0.52	7.81	430	820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/25/2018 R	NA	NA	NA	NA	NA	NA	320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/2/2018	2.1	49	170	0.55	8.09	270	820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/29/2019	1.5	48	280	0.29	8.90	150	750	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/6/2019	2.0	38	140	0.46	8.65	160	630	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/26/2020	1.3	55	320	0.32	8.66	140	720	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/3/2020	2.0	43	240	0.55	8.64	180	750	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/26/2021	1.6	67	360	0.39	8.74	180	900	< 0.0030	0.0044	0.054	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.054	0.741	< 0.0025	< 0.0020	14.12	
	8/25/2021	1.9	60	360	0.43	9.06	210	800	< 0.0030	0.0065	0.049	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.067	< 0.444	< 0.0025	< 0.0020	1.93	
	11/23/2021	1.1	30	290	0.47	8.73	210	900	< 0.0030	0.0046	0.024	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.037	0.789	< 0.0025	< 0.0020	19.07	
	2/22/2022	1.5	49	250	0.4	8.65	160	900	< 0.0030	0.0070	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.0065	< 0.00020	0.051	< 0.409	< 0.0025	< 0.0020	0.59	
	6/15/2022	1.9	43	230	0.48	8.35	180	730	< 0.0030	0.0071	8.35	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.057	< 0.39	< 0.0025	< 0.0020	113.77	
	8/25/2022	2.1	38	210	0.58	8.68	190	770	< 0.0030	0.0089	0.034	< 0.0010	^1+ < 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.065	1.22	< 0.0025	< 0.0020	1.93	
	11/16/2022	2.3	37	210	0.79	8.82	160	690	< 0.0030	0.0094	0.036	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00066	< 0.010	< 0.00020	0.067	< 0.510	< 0.0025	< 0.0020	11.73	
	2/23/2023	2.0	38	190	0.53	9.04	210	680	< 0.0030	0.0086	0.029	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.065	< 0.614	< 0.0025	< 0.0020	10.34	
	4/26/2023	1.8	38	190	0.48	8.82	220	750	< 0.0030	0.0080	0.029	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.062	< 0.562	< 0.0025	< 0.0020	2.90	
	7/26/2023	2.0	44	190	0.49	8.83	250	720	< 0.0030	0.0087	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.074	< 0.733	< 0.0025	< 0.0020	6.50	
	10/24/2023	2.0	41	200	0.52	8.68	200	770	< 0.0030	0.010	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.070	< 0.549	< 0.0025	< 0.0020	9.50	
2/7/2024	2.1	39	190	0.60	8.89	230	680	^1+ < 0.030	0.0082	8.89	^1+ < 0.0100	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.068	0.588	< 0.0025	< 0.0020	9.30		
5/8/2024	1.8	41	180	0.52	9.33	230	740	< 0.0030	0.0075	0.031	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+ < 0.010	0.00021	0.063	< 0.634	< 0.0025	< 0.0020	8.90		
8/5/2024	1.9	45	200	0.54	8.71	220	800	< 0.0030	0.010	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.073	< 0.578	< 0.0025	< 0.0020	2.67		
11/4/2024	2.2	40	220	0.59	9.01	230	810	< 0.0030	0.010	0.037	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.080	0.726	< 0.0025	< 0.0020	30.58		
2/4/2025	1.7	41	210	0.53	8.79	250	800	< 0.0030	0.0093	0.039	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^5- < 0.010	< 0.00020	0.079	< -0.0829	< 0.0025	< 0.0020	52.73		
5/6/2025	1.8	37	160	0.54	9.01	260	790	< 0.0030	0.0082	0.033	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.084	0.799	< 0.0025	< 0.0020	5.36		
MW-10 downgradient	11/10/2015	3.9	140	140	0.77	7.34	310	980	< 0.0030	0.015	0.096	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	0.068	1.341	< 0.0025	< 0.0020	NA	
	2/16/2016	3.6	150	240	0.79	7.29	290	950	< 0.0030	0.014	0.098	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.075	0.952	< 0.0025	< 0.0020	NA	
	5/25/2016	3.6	120	140	0.83	7.26	260	1000	< 0.0030	0.034	0.096	^< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00055	0.016	< 0.00020	0.065	0.513	< 0.0025	< 0.0020	NA	
	8/10/2016	4.3	150	120	0.78	7.22	230	970	< 0.0030	0.017	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.082	0.864	< 0.0025	< 0.0020	NA	
	10/26/2016	3.0	160	74	0.52	7.30	220	1000	< 0.0030	0.022	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.030	0.458	< 0.0025	< 0.0020	NA	
	2/2/2017	3.7	180	81	0.54	7.16	160	930	< 0.0030	0.050	0.14	* < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0013	0.020	^< 0.00020	0.031	< 0.464	< 0.0025	< 0.0020	NA	
	5/10/2017	3.0	150	100	0.44	7.83	340	860	< 0.0030	0.020	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	0.066	0.882	< 0.0025	< 0.0020	NA	
	6/27/2017	2.8	130	110	0.67	7.49	250	930	< 0.0030	0.0072	0.096	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	0.080	0.953	< 0.0025	< 0.0020	NA	
	9/7/2017	2.8	120	120	0.77	7.37	290	920	< 0.0030	0.0076	0.086	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.014	< 0.00058	0.096	0.921	< 0.0025	< 0.0020	NA	
	11/15/2017	4.1	140	120	0.77	7.10	270	1000	< 0.0030	0.015	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.071	0.893	< 0.0025	< 0.0020	NA	
	5/1/2018	3.2	150	130	0.65	7.31	280	990	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/3/2018	2.5	110	140	0.89	7.60	200	860	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/29/2019	2.8	100	140	0.82	7.53	260	860	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/5/2019	3.7	120	110	0.93	7.21	190	940	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5/27/2020	2.3	100	170	0.90	7.29	280	850	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/3/2020	3.7	130	140	0.87	7.02	180	920	NA	NA														

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: James Thorne
Midwest Generation EME LLC
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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

- 1
- 2
- 3
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- 5
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- 8
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- 10
- 11
- 12

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

Eurofins Chicago

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	

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	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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
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

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

Client Information		Sampler: <i>Sam Houston</i>		Lab PM Mockler, Diana J		Carrier Tracking No(s).		COC No: 500-136136-48726 1			
Client Contact: Mr Tim Stohner		Phone: <i>630-290-6850</i>		E-Mail: Diana.Mockler@et.eurofinsus.com		State of Origin:		Page: Page 1 of 1			
Company: KPRG and Associates, Inc.		PWSID:		Analysis Requested						Job #: <i>500 267873</i>	
Address: 414 Plaza Drive Suite 106		Due Date Requested:									
City: Westmont		TAT Requested (days):		 500-267873 COC						Preservation Codes: D - HNO3 N - None	
State, Zip: IL, 60559		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No									
Phone:		PO #: 4502187743		Field Filtered Sample (Yes or No) 903.0, 904.0 6010C, 6020A, 7470A 2540C, 4500_F_C, SM4500_CL_E, SM4500_S04_E						Other:	
Email: tims@kprginc.com		WO #:									
Project Name: Will County 2S/3S Event Desc: Quarterly GW Monitoring		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)		Preservation Code	
MW-05		—		—		—		Water		D	
MW-06		—		—		—		Water		D	
1 MW-09		5-6-25		10:23		G		Water		N N X X X	
2 MW-10		5-6-25		09:01		G		Water		N N X X X	
3 MW-11		5-5-25		14:53		G		Water		N N X X X	
4 MW-12		5-5-25		11:09		G		Water		N N X X X	
5 2S/3S Duplicate		5-5-25		—		G		Water		N N X X X	
6 MW-16		5-5-25		13:48		G		Water		N N X X X	
7 MW-17		5-5-25		12:15		G		Water		N N X X X	
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard		<input type="checkbox"/> Flammable		<input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Poison B		<input type="checkbox"/> Unknown	
		<input type="checkbox"/> Radiological		<input type="checkbox"/> Return To Client		<input type="checkbox"/> Disposal By Lab		<input type="checkbox"/> 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>5-6-25 16:25</i>		Company: <i>KPRG</i>		Received by: <i>[Signature]</i>		Date/Time: <i>05/06/2025 10:25</i>		Company: <i>EETA</i>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <i>1.7 → 2.3; 0.8 → 1.4; 1.2 → 1.8; 2.7 → 3.0</i>		<i>48g +</i>					

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 </= 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 <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.

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	Batch 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	Batch 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	Batch 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	Batch 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	Batch 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	Batch 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

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	Batch 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

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	Batch 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

Lab Sample ID: 500-267873-9

Date Collected: 05/07/25 09:13

Matrix: Water

Date Received: 05/08/25 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch 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

Eurofins Chicago

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.

Eurofins Chicago

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

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		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
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		Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	%Yield	Qualifier	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	LCS		Spike	LCS	Total	RL	MDC	Unit	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Uncert. (2σ+/-)					
Radium-226			9.58	9.004	1.08	1.00	0.233	pCi/L	94	75 - 125
Carrier	LCS		Limits							
Ba Carrier	%Yield	Qualifier	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		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
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		Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	%Yield	Qualifier	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	LCS		Spike	LCS	Total	RL	MDC	Unit	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Uncert. (2σ+/-)					
Radium-226			9.58	8.289	1.15	1.00	0.302	pCi/L	87	75 - 125
Carrier	LCS		Limits							
Ba Carrier	%Yield	Qualifier	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		Count	Total	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Uncert. (2σ+/-)	Uncert. (2σ+/-)						
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 MB		Limits	Prepared	Analyzed	Dil Fac
	%Yield	Qualifier				
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

Carrier	LCS LCS		Limits
	%Yield	Qualifier	
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 MB		Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
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 MB		Limits	Prepared	Analyzed	Dil Fac
	%Yield	Qualifier				
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

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

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 </= 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 <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.

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 <math><6\text{mm}</math> (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 <=/ 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 <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.



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	Batch 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	Batch 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	Batch 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	Batch 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	Batch 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	Batch 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	Batch 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	Batch 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

Lab Sample ID: 500-267873-9

Date Collected: 05/07/25 09:13

Matrix: Water

Date Received: 05/08/25 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch 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 (30-110)	Y (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

PROJECT NAME	NRG - WILL COUNTY STATION (12313.3)		DATE	5-7-25
Sample Name	MW-05	Start Time	10:25	
Condition of Well	GOOD			
Water Level	10.09	Total Depth	—	
Well Diameter	PVC - 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS ODORLESS	
Volume Removed	1.5 QTB.	WL at Sample Time	10.01	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR CLA FILTERED	
Sample Analysis	CCA + CCR 2s3s	Sample Time	10:40	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
10:28	10.10	7.49	18.0	1.232	7.10	163.7	3.01
10:31	10.12	7.17	15.4	1.603	6.60	200.9	2.29
10:34	10.10	6.98	14.1	1.918	5.40	217.1	1.94
10:37	10.12	6.88	13.6	2.112	3.94	227.2	1.98
10:40	10.01	6.87	13.5	2.127	3.81	228.7	2.02
—							

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - WILL COUNTY STATION (12313.3)		DATE	5-7-25
Sample Name	MW-06	Start Time	08:58	
Condition of Well	Good			
Water Level	11.95	Total Depth	—	
Well Diameter	PVC - 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS TRACE SLIGHT ODOR TURB	
Volume Removed	1.75 QTS	W L at Sample Time	^	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR TRACE CCA FILTERED TURB	
Sample Analysis	CCA DUP CCA + CCR 2535	Sample Time	09:13	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
09:01	12.01	7.78	12.5	0.930	4.38	182.2	7.16
09:04	12.03	7.65	12.3	0.884	2.67	168.5	25.42
09:07	12.03	7.58	12.9	0.875	1.77	133.0	34.26
09:10	12.03	7.55	13.6	0.890	1.53	98.7	34.48
09:13	12.02	7.55	14.0	0.894	1.48	96.5	26.14
—							

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - WILL COUNTY STATION (12313.3)		DATE	5-6-25
Sample Name	MW-09	Start Time	10:08	
Condition of Well	Good			
Water Level	11.72	Total Depth	—	
Well Diameter	PVC - 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS SLIGHT ODOR	
Volume Removed	1.25 Gals,	W L at Sample Time	11.97	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR CCA FILTERED.	
Sample Analysis	1715 2538 CCA + CCR + CCR	Sample Time	10:23	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
10:11	11.84	8.45	13.0	1.289	5.94	42.6	4.07.
10:14	11.92	8.79	13.1	1.269	3.40	38.1	5.09
10:17	11.98	8.94	12.9	1.251	1.77	34.1	5.07.
10:20	11.99	8.99	12.7	1.240	1.35	30.4	5.10
10:23	11.97	9.01	12.8	1.237	1.20	28.5	5.36.
—							

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - WILL COUNTY STATION (12313.3)		DATE	5-5-25
Sample Name	MW-11	Start Time	14:32	
Condition of Well	GOOD			
Water Level	10.27	Total Depth	—	
Well Diameter	PVC - 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	SLIGHT TINT ODORLESS	
Volume Removed	3.0 QCS	W L at Sample Time	10.61	
Method of Sample	Low-Flow	Sample Characteristics	SLIGHT TINT TRACE TURB	
Sample Analysis	CCR 253s	Sample Time	14:53	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
14:35	10.51	7.70	11.6	1.203	3.54	86.6	50.91
14:38	10.54	7.68	11.6	1.194	1.81	54.1	56.27
14:41	10.51	7.66	11.9	1.201	1.18	11.2	72.70
14:44	10.62	7.65	11.8	1.207	1.26	-43.5	60.21
14:47	10.62	7.60	11.7	1.209	0.56	-61.2	46.36
14:50	10.59	7.55	11.7	1.217	0.40	-72.7	37.53
14:53	10.61	7.53	11.7	1.221	0.39	-75.1	32.27
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SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - WILL COUNTY STATION (12313.3)		DATE	5-5-25
Sample Name	MW-12	Start Time	10:54	
Condition of Well	GOOD			
Water Level	10.23	Total Depth	—	
Well Diameter	PVC - 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS ODORLESS	
Volume Removed	2.0 Qts.	W L at Sample Time	10.26	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR	
Sample Analysis	CCR + CCR ²⁵³⁵ DUP.	Sample Time	11:09	
Water Quality Meter	YSI ProDss			

Time	Depth to Water (ft)	ph (SU)	Temp (°C)	Spec. Cond (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)
10:57	10.28	7.20	11.1	1.439	5.54	197.6	6.15
11:00	10.28	7.26	11.0	1.486	3.44	209.6	8.66
11:03	10.27	7.29	10.9	1.523	2.02	218.2	14.83
11:06	10.26	7.30	10.9	1.540	1.30	222.3	14.98
11:09	10.26	7.31	10.9	1.545	1.23	223.4	14.25
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SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates