

DATA SUMMARY POSTING

Station: Midwest Generation Will County Generating Station

Regulated Unit(s): Pond 1N (IEPA ID No. W1978100011-01)
 Pond 1S (IEPA ID No. W1978100011-02)

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 for Ponds 1N and 1S dated March 31, 2022. 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 1A. Groundwater Analytical Results-Midwest Generation, LLC, Will County Station, Romeoville, IL, Pond 1N.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Radium 226+228 Combined	Selenium	Thallium	Turbidity
MW-01 upgradient	5/3/2021	2.6	170	F1 21	0.62	6.83	390	1200	< 0.0030	< 0.0010	0.095	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.034	< 0.00020	0.012	0.623	0.0093	< 0.0020	1.74
	5/24/2021	2.5	200	18	0.63	6.86	350	1100	< 0.0030	< 0.0010	0.093	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.036	< 0.00020	F1 < 0.012	0.953	0.012	< 0.0020	1.83
	6/7/2021	3.0	200	18	0.63	6.52	380	510	< 0.0030	< 0.0010	0.096	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.037	< 0.00020	0.013	< 0.372	0.010	< 0.0020	2.32
	6/25/2021	B 2.6	200	20	0.59	6.64	410	1200	^A+ < 0.0030	< 0.0010	0.097	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.037	< 0.00020	0.014	0.672	0.0042	< 0.0020	3.50
	7/12/2021	2.4	190	16	0.60	6.55	320	1000	< 0.0030	0.0012	0.10	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.045	< 0.00020	0.013	0.457	0.012	< 0.0020	4.18
	8/2/2021	2.4	200	18	0.65	6.57	410	1300	< 0.0030	0.0010	0.10	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.044	< 0.00020	0.014	0.478	0.0095	< 0.0020	2.87
	8/23/2021	2.4	200	18	0.61	6.99	400	1100	< 0.0030	< 0.0010	0.10	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.044	< 0.00020	0.014	0.697	0.0058	< 0.0020	1.17
	11/19/2021	2.0	170	29	0.56	6.62	260	970	< 0.0030	< 0.0010	0.090	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.038	< 0.00020	0.0098	1.16	0.017	< 0.0020	16.82
	2/21/2022	2.0	190	26	0.55	6.63	370	1200	< 0.0030	< 0.0010	0.086	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.032	< 0.00020	0.011	0.773	0.0079	< 0.0020	3.04
	6/15/2022	2.6	180	33	0.61	6.43	350	1100	< 0.0030	< 0.0010	0.090	< 0.0010	0.00054	< 0.0050	< 0.0010	< 0.00050	0.033	< 0.00020	0.015	0.945	0.0087	< 0.0020	10.56
	8/24/2022	2.7	180	24	0.61	6.51	370	1400	< 0.0030	< 0.0010	0.093	< 0.0010	^1+ 0.00092	< 0.0050	0.0016	0.00078	0.038	< 0.00020	0.015	0.581	0.0047	< 0.0020	15.30
	11/15/2022	2.9	190	22	1.00	6.59	360	1100	< 0.0030	0.0011	0.097	^A+ < 0.0010	0.00052	< 0.0050	0.0010	0.00057	0.039	< 0.00020	0.014	< 0.63	0.0085	< 0.0020	19.80
	2/22/2023	2	170	29	0.49	6.93	360	1000	< 0.0030	< 0.0010	0.082	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.031	< 0.00020	0.013	< 0.844	0.0092	< 0.0020	19.12
	4/27/2023	2.4	120	77	0.69	6.79	400	1100	< 0.0030	< 0.0010	0.065	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.00020	0.041	0.524	< 0.0025	< 0.0020	4.40
	7/27/2023	2.3	170	29	0.58	6.54	320	1000	< 0.0030	< 0.0010	0.088	^A+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.036	< 0.00020	0.016	1.92	0.013	< 0.0020	7.20
	10/23/2023	2.1	160	21	0.55	6.47	240	1000	< 0.0030	< 0.0010	B 0.087	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.038	< 0.00020	0.012	< 0.625	0.0099	< 0.0020	4.10
	2/6/2024	2.8	120	72	0.75	6.83	400	1100	^1+ < 0.0030	< 0.0010	0.076	^A+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	< 0.00020	0.049	0.686	0.0032	< 0.0020	12.10
	5/7/2024	2.7	100	78	0.75	7.39	400	980	< 0.0030	< 0.0010	0.063	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.025	< 0.00020	0.058	1.17	< 0.0025	< 0.0020	23.76
	8/6/2024	2.8	88	87	0.83	7.01	420	1100	< 0.0030	< 0.0010	0.063	< 0.0010	< 0.00050	< 0.0050	0.0014	< 0.00050	0.024	< 0.00020	0.065	< 0.504	< 0.0025	< 0.0020	17.92
	11/5/2024	2.8	120	67	0.69	7.12	380	1100	< 0.0030	< 0.0010	0.082	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.027	< 0.00020	0.042	0.715	< 0.0025	< 0.0020	5.71
2/5/2025	2.5	98	94	0.71	7.09	420	1000	< 0.0030	< 0.0010	0.063	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	0.060	1.16	0.0068	< 0.0020	39.44	
5/7/2025	2.8	88	86	0.79	7.37	380	930	< 0.0030	< 0.0010	0.061	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	0.073	0.706	0.0025	< 0.0020	51.09	
MW-02 upgradient	5/3/2021	5.3	87	28	0.41	7.76	500	1100	< 0.0030	0.009	0.058	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.046	< 0.00020	0.072	1.30	< 0.0025	< 0.0020	2.42
	5/24/2021	5.2	88	24	0.41	7.77	550	1100	< 0.0030	0.0099	0.059	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.047	< 0.00020	0.070	1.19	< 0.0025	< 0.0020	2.70
	6/7/2021	6.5	100	25	0.4	7.60	540	1100	< 0.0030	0.011	0.057	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.045	< 0.00020	0.081	0.54	< 0.0025	< 0.0020	1.82
	6/28/2021	B 5.3	95	23	0.36	7.93	500	1200	^A+ < 0.0030	0.012	0.059	< 0.0010	< 0.00050	0.057	< 0.0010	< 0.00050	0.046	< 0.00020	0.075	0.80	< 0.0025	< 0.0020	3.15
	7/12/2021	5.2	97	21	0.37	7.53	480	970	< 0.0030	0.012	0.067	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.051	< 0.00020	0.071	1.07	< 0.0025	< 0.0020	4.23
	8/2/2021	4.8	92	24	0.37	7.54	520	1200	< 0.0030	0.011	0.06	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.048	< 0.00020	0.073	0.798	< 0.0025	< 0.0020	3.11
	8/23/2021	5.0	92	26	0.38	8.02	530	800	< 0.0030	0.011	0.06	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.048	< 0.00020	0.075	0.986	< 0.0025	< 0.0020	1.37
	11/19/2021	5.2	86	27	0.38	7.72	520	1100	< 0.0030	0.014	0.057	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.041	< 0.00020	0.068	1.43	< 0.0025	< 0.0020	2.10
	2/21/2022	4.9	92	32	0.43	7.65	550	1100	< 0.0030	0.01	0.06	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.044	< 0.00020	0.083	< 0.848	< 0.0025	< 0.0020	0.45
	6/15/2022	5.3	91	30	0.39	7.32	460	1100	< 0.0030	0.01	0.058	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.044	< 0.00020	0.073	1.17	< 0.0025	< 0.0020	2.69
	8/24/2022	5.6	81	28	0.38	7.73	480	1100	< 0.0030	0.015	0.059	< 0.0010	^1+ < 0.00050	< 0.0050	< 0.0010	< 0.00050	0.043	< 0.00020	0.070	0.984	< 0.0025	< 0.0020	8.71
	11/15/2022	6.5	99	27	0.64	7.64	530	1000	< 0.0030	0.017	0.069	^A+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00052	0.047	< 0.00020	0.076	2.13	< 0.0025	< 0.0020	8.21
	2/22/2023	4.6	89	29	0.38	7.86	460	980	< 0.0030	0.0095	0.06	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.042	< 0.00020	0.075	0.974	< 0.0025	< 0.0020	6.07
	4/27/2023	4.6	83	29	0.37	7.60	430	1000	< 0.0030	0.0088	0.053	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.043	< 0.00020	0.072	0.961	< 0.0025	< 0.0020	2.90
	7/27/2023	5.8	89	28	0.38	7.50	490	990	< 0.0030	0.011	0.056	^A+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.046	< 0.00020	0.073	1.31	< 0.0025	< 0.0020	7.40
	10/23/2023	5.7	93	26	0.36	7.56	480	1100	< 0.0030	0.012	B 0.061	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.050	< 0.00020	0.070	0.726	< 0.0025	< 0.0020	7.00
	2/6/2024	4.7	87	43	0.37	7.58	410	960	^1+ < 0.0030	0.011	0.066	^A+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	< 0.00020	0.067	< 0.532	< 0.0025	< 0.0020	12.70
	5/7/2024	5.0	81	36	0.36	7.91	370	910	< 0.0030	0.0084	0.052	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.047	< 0.00020	0.064	0.783	< 0.0025	< 0.0020	11.18
	8/6/2024	B 5.3	87	34	0.36	7.62	380	970	< 0.0030	0.013	0.055	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.047	< 0.00020	0.067	0.776	< 0.0025	< 0.0020	13.32
	11/5/2024	5.0	87	32	0.39	8.07	410	950	< 0.0030														

Table 1A. Groundwater Analytical Results-Midwest Generation, LLC, Will County Station, Romeoville, IL, Pond 1N.

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-14 downgradient	5/4/2021	4.8	130	110	0.44	8.03	490	1100	< 0.0030	0.0035	0.097	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.046	< 0.00020	0.053	< 0.453	< 0.0025	< 0.0020	6.88
	5/25/2021	5.1	140	110	0.42	7.94	550	1300	< 0.0030	0.0038	0.082	^{F1+} < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.051	< 0.00020	0.052	0.736	< 0.0025	< 0.0020	3.50
	6/7/2021	5.7	150	110	0.47	7.53	530	1200	< 0.0030	0.0047	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0062	0.050	< 0.00020	0.054	< 0.368	< 0.0025	< 0.0020	2.55
	6/28/2021	B 3.1	87	120	0.74	8.17	400	990	^{F1+} < 0.0030	0.0028	0.086	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.081	1.07	< 0.0025	< 0.0020	7.44
	7/12/2021	5.2	130	92	0.46	7.67	470	1100	< 0.0030	0.0061	0.094	^{F1+} < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.058	< 0.00020	0.049	1.07	< 0.0025	< 0.0020	4.89
	8/2/2021	4.7	120	88	0.47	7.75	470	1100	< 0.0030	0.0064	0.24	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0160	0.052	< 0.00020	0.051	1.25	< 0.0025	< 0.0020	9.80
	8/25/2021	4.1	96	92	0.58	8.21	440	930	< 0.0030	0.0047	0.14	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00054	0.037	< 0.00020	0.064	1.43	< 0.0025	< 0.0020	11.70
	11/23/2021	3.0	81	120	0.60	7.90	460	1000	< 0.0030	0.0023	0.051	^{F1+} < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.020	< 0.00020	0.049	1.21	< 0.0025	< 0.0020	5.19
	2/23/2022	3.8	110	110	0.58	7.86	440	1100	< 0.0030	0.0028	0.12	^{F1+} < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.024	< 0.00020	0.059	0.874	< 0.0025	< 0.0020	45.11
	6/14/2022	5.3	160	^{F1+} 110	0.47	7.09	490	1200	< 0.0030	0.0021	0.083	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.048	< 0.00020	0.050	1.13	< 0.0025	< 0.0020	3.98
	8/23/2022	4.1	97	97	0.57	7.72	410	1200	< 0.0030	0.0022	0.092	< 0.0010	^{F1+} < 0.00050	< 0.0050	< 0.0010	< 0.00050	0.030	< 0.00020	0.067	1.45	< 0.0025	< 0.0020	2.71
	11/17/2022	3.1	83	120	0.85	7.94	570	970	< 0.0030	0.0024	0.11	^{F1+} < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.073	0.817	< 0.0025	< 0.0020	2.80
	2/21/2023	2.6	88	120	0.61	8.02	390	970	< 0.0030	0.0028	0.15	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.071	0.961	< 0.0025	< 0.0020	6.71
	4/25/2023	3.2	100	120	0.56	7.71	480	1000	< 0.0030	0.0028	0.082	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.024	< 0.00020	0.064	< 0.536	< 0.0025	< 0.0020	5.00
	7/25/2023	3.8	99	110	0.57	7.75	440	970	< 0.0030	0.0025	0.081	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.030	< 0.00020	0.069	1.37	< 0.0025	< 0.0020	3.70
	10/19/2023	3.3	86	110	0.63	7.84	430	970	< 0.0030	0.0024	B 0.083	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.023	< 0.00020	0.069	1.61	< 0.0025	< 0.0020	1.70
	2/5/2024	4.2	140	110	0.61	7.70	570	1300	^{F1+} < 0.0030	0.0032	0.12	^{F1+} < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	< 0.00020	0.062	0.812	< 0.0025	< 0.0020	2.60
	5/7/2024	3.7	110	100	0.57	8.12	460	1100	< 0.0030	0.0019	0.079	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.032	< 0.00020	0.058	0.685	< 0.0025	< 0.0020	7.12
	8/1/2024	3.4	94	110	0.62	8.45	400	1000	< 0.0030	0.0018	0.079	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.024	< 0.00020	0.068	1.42	< 0.0025	< 0.0020	3.94
	11/4/2024	3.0	85	100	0.64	8.09	400	1000	< 0.0030	0.0020	0.078	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.019	< 0.00020	0.069	1.51	< 0.0025	< 0.0020	5.40
2/4/2025	2.8	87	130	0.70	7.64	390	930	< 0.0030	0.0020	0.14	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^{F5-} 0.019	< 0.00020	0.075	1.16	< 0.0025	< 0.0020	32.75	
5/6/2025	3.2	96	100	0.62	8.08	410	1000	< 0.0030	0.0023	0.084	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.022	< 0.00020	0.072	1.56	< 0.0025	< 0.0020	6.43	
MW-15 downgradient	5/4/2021	3.1	180	140	0.34	7.29	510	1400	< 0.0030	0.0015	0.18	< 0.0010	< 0.00050	< 0.0050	0.0012	< 0.00050	0.025	< 0.00020	0.030	1.16	< 0.0025	< 0.0020	28.65
	5/25/2021	3.2	220	120	0.37	7.27	600	1400	< 0.0030	0.0018	0.14	^{F1+} < 0.0010	< 0.00050	< 0.0050	0.0016	< 0.00050	0.025	< 0.00020	0.026	< 0.564	< 0.0025	< 0.0020	8.89
	6/7/2021	3.8	170	110	0.53	7.12	570	1200	< 0.0030	0.0021	0.10	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.019	< 0.00020	0.033	0.491	< 0.0025	< 0.0020	8.82
	6/25/2021	B 3.4	170	110	0.51	7.09	550	1300	^{F1+} < 0.0030	0.003	0.10	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.021	< 0.00020	0.036	0.533	< 0.0025	< 0.0020	6.48
	7/12/2021	3.3	180	110	0.47	7.01	510	1300	< 0.0030	0.0041	0.12	^{F1+} < 0.0010	< 0.00050	< 0.0050	0.0013	< 0.00050	0.025	< 0.00020	0.028	0.931	< 0.0025	< 0.0020	8.52
	8/2/2021	3.1	160	98	0.56	7.23	550	1200	< 0.0030	0.0039	0.097	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	0.036	1.3	< 0.0025	< 0.0020	22.71
	8/25/2021	3.2	140	130	0.60	7.73	510	820	< 0.0030	0.0028	0.097	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.019	< 0.00020	0.036	1.46	< 0.0025	< 0.0020	12.40
	11/19/2021	2.9	140	120	0.46	6.91	570	1300	< 0.0030	0.0036	0.084	^{F1+} < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.015	< 0.00020	0.021	1.57	< 0.0025	< 0.0020	10.83
	2/22/2022	3.3	230	100	0.38	6.73	620	1600	< 0.0030	0.0030	0.12	^{F1+} < 0.0010	< 0.00050	< 0.0050	0.0012	< 0.00050	0.021	< 0.00020	0.020	1.46	< 0.0025	< 0.0020	17.05
	6/14/2022	3.7	230	^{F1+} 130	0.45	6.60	750	1500	< 0.0030	0.0027	0.10	< 0.0010	< 0.00050	< 0.0050	0.0012	< 0.00050	0.021	< 0.00020	0.027	0.539	< 0.0025	< 0.0020	11.83
	8/23/2022	3.5	160	110	0.58	6.90	580	1500	< 0.0030	0.0047	0.088	< 0.0010	^{F1+} < 0.00050	< 0.0050	< 0.0010	< 0.00050	0.018	< 0.00020	0.030	0.714	< 0.0025	< 0.0020	33.20
	11/17/2022	4.1	170	120	0.57	7.16	480	1200	< 0.0030	0.0038	0.098	^{F1+} < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.020	< 0.00020	0.030	0.857	< 0.0025	< 0.0020	148.20
	2/21/2023	3.0	290	120	0.28	6.61	690	1700	< 0.0030	0.0031	0.15	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.026	< 0.00020	0.015	0.957	< 0.0025	< 0.0020	41.83
	4/25/2023	3.2	250	120	0.30	6.50	730	1700	< 0.0030	0.0018	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.028	< 0.00020	0.019	< 0.504	< 0.0025	< 0.0020	11.20
	7/25/2023	3.5	180	110	0.54	6.97	590	1300	< 0.0030	0.0041	0.085	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.022	< 0.00020	0.029	0.625	< 0.0025	< 0.0020	35.60
	10/19/2023	3.4	140	110	0.62	7.09	510	1100	< 0.0030	0.0032	B 0.074	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.019	< 0.00020	0.034	1.02	< 0.0025	< 0.0020	55.20
	2/6/2024	3.5	260	80	0.27	6.63	690	1800	^{F1+} < 0.0030	0.0075	0.14	^{F1+} < 0.0010	< 0.00050	< 0.0050	0.0018	< 0.00050	< 0.10	< 0.00020	0.019	0.760	< 0.0025	< 0.0020	20.50
	5/7/2024	3.1	230	49	0.31	6.99	570	1500	< 0.0030	0.0060	0.12	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.030	< 0.00020	0.015	1.17	< 0.0025	< 0.0020	89.52
	8/1/2024	3.7	190	100	0.54	7.62	620	1300	< 0.0030	0.0046	0.091	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.022	< 0.00020	0.033	1.28	< 0.0025	< 0.0020	59.82
	11/5/2024	4.0	190	99	0.49	7.15	600	1500	< 0.0030	0.0046	0.086	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.024	< 0.00020	0.030	< 0.518	< 0.0025	< 0.0020	40.81
2/5/2025	3.8	210	120	0.37	6.77	660	1500	< 0.0030	0.0075	0.10	< 0.0010	< 0.00050	< 0.0050	0.0010	< 0.00050	0.027	< 0.00020	0.014	1.26	< 0.0025	< 0.0020	55.13	
5/7/2025	3.9	370	94	0.31	6.78	920	2300	< 0.0030	0.0081	0.17	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.050	< 0.00020	< 0.00050	0.745	< 0.0025	< 0.0020	24.11	

Notes: All units are in mg/l except pH (standard units), radium (pCi/L), and Turbidity (Nephelometric Turbidity Units).

B - Compound was found in the blank and sample

R - Resample

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

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Table 1B. Groundwater Analytical Results-Midwest Generation, LLC, Will County Station, Romeoville, IL, Pond 1S.

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-03 upgradient	5/3/2021	3.3	140	18	0.31	6.90	240	890	< 0.0030	0.0011	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.040	< 0.00020	0.017	0.993	< 0.0025	< 0.0020	1.61
	5/24/2021	3.2	120	19	0.34	6.91	270	900	< 0.0030	0.0010	0.0010	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.038	< 0.00020	0.018	0.922	0.0057	< 0.0020	2.06
	6/8/2021	3.7	140	21	0.32	6.75	290	940	< 0.0030	0.0014	0.10	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.041	< 0.00020	0.017	0.857	< 0.0025	< 0.0020	2.34
	6/28/2021	B 3.6	120	23	0.32	7.17	290	930	^+ < 0.0030	0.0023	0.091	< 0.0010	< 0.00050	< 0.0050	0.010	< 0.00050	0.044	< 0.00020	0.022	1.03	< 0.0025	< 0.0020	2.69
	7/12/2021	3.8	120	27	0.33	6.88	270	870	< 0.0030	0.0033	0.10	< 0.0010	0.00053	< 0.0050	< 0.0010	< 0.00050	0.048	< 0.00020	0.028	1.97	< 0.0025	< 0.0020	4.07
	8/2/2021	6.2	120	31	0.3	6.86	280	920	< 0.0030	0.0053	0.096	< 0.0010	< 0.00050	< 0.0050	0.010	< 0.00050	0.043	< 0.00020	0.021	1.16	< 0.0025	< 0.0020	1.98
	8/24/2021	3.3	120	F1 F2 50	0.35	7.28	300	890	< 0.0030	0.0021	0.091	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.042	< 0.00020	0.022	0.763	< 0.0025	< 0.0020	5.10
	11/19/2021	3.7	160	27	0.32	6.67	330	970	< 0.0030	0.0016	0.12	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.039	< 0.00020	0.025	2.47	0.0082	< 0.0020	0.47
	2/24/2022	2.6	220	18	0.3	6.53	360	1200	< 0.0030	0.0015	0.12	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.032	< 0.00020	0.014	1.11	0.046	< 0.0020	-1.10
	6/16/2022	4.0	140	18	0.31	6.62	300	910	< 0.0030	0.0014	0.10	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.045	< 0.00020	0.022	1.38	< 0.0025	< 0.0020	1.70
	8/24/2022	3.4	140	35	0.34	6.73	360	1200	< 0.0030	< 0.0010	0.096	< 0.0010	^1+ < 0.00050	< 0.0050	0.010	< 0.00050	0.035	< 0.00020	0.018	1.24	< 0.0025	< 0.0020	6.40
	11/15/2022	3.5	140	43	F1 0.64	6.79	360	990	< 0.0030	0.0039	0.095	^+ < 0.0010	< 0.00050	< 0.0050	0.012	0.00063	0.037	< 0.00020	0.021	1.78	< 0.0025	< 0.0020	9.70
	2/22/2023	2.4	180	14	0.29	6.83	330	1000	< 0.0030	< 0.0010	0.099	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.030	< 0.00020	0.013	0.76	0.030	< 0.0020	6.90
	4/27/2023	3.2	150	16	0.28	6.54	320	1000	< 0.0030	0.0013	0.090	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.040	< 0.00020	0.021	1.12	0.0057	< 0.0020	2.00
	7/27/2023	3.5	160	16	0.25	6.53	280	930	< 0.0030	0.0010	0.11	^+ < 0.0010	< 0.00050	< 0.0050	0.010	< 0.00050	0.043	< 0.00020	0.013	1.43	0.0053	< 0.0020	7.20
	10/23/2023	3.7	140	19	0.26	6.63	200	900	< 0.0030	< 0.0010	B 0.10	< 0.0010	< 0.00050	< 0.0050	0.012	< 0.00050	0.034	< 0.00020	0.011	1.90	0.0042	< 0.0020	0.50
	2/6/2024	3.9	150	14	0.28	6.73	270	890	^1+ < 0.0030	< 0.0010	0.097	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.10	< 0.00020	0.018	1.12	0.0041	< 0.0020	0.20
	5/7/2024	4.2	120	15	0.31	7.10	320	870	< 0.0030	< 0.0010	0.086	< 0.0010	< 0.00050	< 0.0050	< 0.0011	< 0.00050	0.044	< 0.00020	0.028	0.668	< 0.0025	< 0.0020	8.73
	8/6/2024	B 3.7	160	21	0.31	6.66	310	1000	< 0.0030	< 0.0010	0.099	< 0.0010	< 0.00050	< 0.0050	0.012	0.865	< 0.00020	0.017	0.865	< 0.0025	< 0.0020	0.75	
	11/5/2024	3.2	160	26	0.33	7.06	300	990	< 0.0030	< 0.0010	0.098	< 0.0010	< 0.00050	< 0.0050	0.013	< 0.00050	0.031	< 0.00020	0.015	1.30	< 0.0025	< 0.0020	1.42
2/5/2025	2.9	210	16	0.23	6.70	390	1200	< 0.0030	< 0.0010	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.034	< 0.00020	0.011	1.07	0.0061	< 0.0020	26.84	
5/7/2025	2.3	200	7.9	0.34	6.65	220	910	< 0.0030	< 0.0010	0.099	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.027	< 0.00020	0.013	< 0.253	0.017	< 0.0020	2.79	
MW-04 upgradient	5/3/2021	5.1	310	28	0.36	6.76	910	2000	< 0.003	0.0030	0.046	< 0.0010	< 0.00050	< 0.0050	0.0019	< 0.00050	0.026	< 0.00020	0.026	1.16	< 0.0025	< 0.0020	4.20
	5/24/2021	5.5	340	24	0.38	6.90	950	2000	< 0.003	0.0039	0.047	^1+ < 0.0010	< 0.00050	< 0.0050	0.016	< 0.00050	0.027	< 0.00020	0.028	1.72	0.0051	< 0.0020	4.45
	6/8/2021	5.7	310	24	0.37	6.58	910	2000	< 0.003	0.0026	0.043	< 0.0010	< 0.00050	< 0.0050	0.016	< 0.00050	0.027	< 0.00020	0.028	< 0.459	0.0076	< 0.0020	2.80
	6/28/2021	B 5.6	330	20	0.35	6.95	930	2100	^+ < 0.003	0.011	0.047	< 0.0010	< 0.00050	< 0.0050	0.016	< 0.00050	0.025	< 0.00020	0.027	1.12	0.019	< 0.0020	12.93
	7/12/2021	5.9	320	16	0.38	6.70	970	2100	< 0.003	0.010	0.049	< 0.0010	< 0.00050	< 0.0050	0.016	< 0.00050	0.030	< 0.00020	0.033	1.68	0.0056	< 0.0020	3.93
	8/2/2021	5.3	310	21	0.38	6.71	1000	2200	< 0.003	0.0039	0.046	< 0.0010	< 0.00050	< 0.0050	0.018	< 0.00050	0.027	< 0.00020	0.032	1.18	< 0.0025	< 0.0020	3.75
	8/24/2021	6.2	320	90	0.40	7.09	1100	1700	< 0.003	0.0075	0.046	< 0.0010	< 0.00050	< 0.0050	0.020	< 0.00050	0.028	< 0.00020	0.035	< 0.642	< 0.0025	< 0.0020	10.10
	11/19/2021	6.1	300	23	0.36	6.69	840	1900	< 0.003	0.0063	0.044	^1+ < 0.0010	< 0.00050	< 0.0050	0.022	< 0.00050	0.022	< 0.00020	0.023	1.17	< 0.0025	< 0.0020	15.15
	2/24/2022	4.7	350	16	0.37	6.50	950	2100	< 0.003	0.020	0.039	^1+ < 0.0010	< 0.00050	< 0.0050	0.017	< 0.00050	0.020	< 0.00020	0.028	< 0.424	0.090	< 0.0020	2.04
	6/16/2022	5.5	310	22	0.37	6.55	990	2200	< 0.003	0.0030	0.045	< 0.0010	< 0.00050	< 0.0050	0.021	< 0.00050	0.023	< 0.00020	0.026	1.39	0.0044	< 0.0020	3.13
	8/24/2022	5.8	280	18	0.40	6.57	810	2000	< 0.003	0.0053	0.044	< 0.0010	^1+ < 0.00050	< 0.0050	0.030	< 0.00050	0.019	< 0.00020	0.021	1.41	0.0030	< 0.0020	4.70
	11/15/2022	5.6	290	19	0.64	6.64	770	1700	< 0.003	0.011	0.047	^+ < 0.0010	< 0.00050	< 0.0050	0.032	< 0.00050	0.020	< 0.00020	0.021	4.15	0.0061	< 0.0020	14.20
	2/22/2023	3.7	390	36	0.38	6.77	1200	2500	< 0.003	0.0044	0.035	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.020	< 0.00020	0.032	0.795	0.0067	< 0.0020	20.10
	4/27/2023	4.3	310	25	0.33	6.51	870	2000	< 0.003	0.0027	0.039	< 0.0010	< 0.00050	< 0.0050	0.015	< 0.00050	0.021	< 0.00020	0.023	1.19	0.0091	< 0.0020	8.40
	7/27/2023	4.9	300	20	0.36	6.49	790	1700	< 0.003	0.0017	0.041	^+ < 0.0010	< 0.00050	< 0.0050	0.015	< 0.00050	0.021	< 0.00020	0.019	1.28	0.026	< 0.0020	6.00
	10/23/2023	4.6	210	12	0.40	6.55	500	1300	< 0.003	0.0013	0.043	< 0.0010	< 0.00050	< 0.0050	0.015	< 0.00050	0.019	< 0.00020	0.022	0.923	0.013	< 0.0020	3.50
	2/6/2024	4.2	350	59	0.28	6.51	950	2100	^1+ < 0.003	0.0039	0.037	^+ < 0.0010	< 0.00050	< 0.0050	0.012	< 0.00050	< 0.10	< 0.00020	0.039	0.770	0.043	< 0.0020	16.30
	5/8/2024	4.1	320	25	0.37	6.62	750	1800	< 0.003	0.0011	0.048	< 0.0010	< 0.00050	< 0.0050	0.011	< 0.00050	0.023	< 0.00020	0.022	0.651	0.014	< 0.0020	10.72
	8/6/2024	B 5.1	280	24	0.39	6.56	810	1900	< 0.003	0.0015	0.049	< 0.0010	< 0.00050	< 0.0050	0.013	< 0.00050	0.021	< 0.00020	0.024	0.885	0.0032	< 0.0020	24.01
	11/5/2024	4.6	250	17	0.40	6.92	570	1600	< 0.003	0.0031	0.052	< 0.0010	< 0.00050	< 0.0050	0.0036	< 0.00050	0.018	< 0.00020	0.020	1.14	0.0043	< 0.0020	37.84
2/5/2025	3.3	240	19	0.32	6.67	470	1300	< 0.003	0.0037	0.054	< 0.0010	< 0.00050	< 0.0050	0.013	< 0.00050	0.017	< 0.00020	0.016	1.82	0.021	< 0.0020	54.83	
5/7/2025	3.4	330	32	0.43	6.67	780	1900	< 0.003	0.0014	0.047	< 0.0010	< 0.00050	< 0.0050	0.011	< 0.00050	< 0.050	< 0.00020	0.025	0.882	0.013	< 0.0020	7.76	
MW-08 downgradient	5/4/2021	2.6	190	290	0.51	6.95	490	1900	< 0.0030	0.0073	0.081	< 0.0010	< 0.00050	< 0.0050	0.0015	< 0.00050	0.015	< 0.00020	0.047	0.873	< 0.0025	< 0.0020	6.60
	5/25/2021	2.8	170	290	0.51	6.90	540	1600	< 0.0030	0.0074	0.083	^1+ < 0.0010	< 0.00050	< 0.0050	0.010	< 0.00050	0.016	< 0.00020	0.044	1.06	<		

Table 1B. Groundwater Analytical Results-Midwest Generation, LLC, Will County Station, Romeoville, IL. Pond 1S.

Well	Date	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved	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	0.09	< 0.45	< 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	0.039	< 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	8.10	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	0.40	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	0.036	< 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	< 0.661	< 0.0025	< 0.0020	1.93	
	11/16/2022	2.4	37	200	0.76	8.82	180	750	< 0.0030	0.0093	0.037	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00073	< 0.010	< 0.00020	0.068	0.648	< 0.0025	< 0.0020	11.73	
	2/23/2023	1.7	36	190	0.53	9.04	210	720	< 0.0030	0.0079	0.029	^1+ ^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.063	< 0.672	< 0.0025	< 0.0020	10.34	
	4/26/2023	1.7	38	190	0.48	8.82	200	760	< 0.0030	0.0075	0.029	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.062	< 0.554	< 0.0025	< 0.0020	2.90	
	7/26/2023	2.0	44	190	0.49	8.83	250	730	< 0.0030	0.0086	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.073	< 0.714	< 0.0025	< 0.0020	6.50	
	10/24/2023	2.3	41	200	0.54	8.68	230	780	< 0.0030	0.0096	B 0.034	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.072	< 0.588	< 0.0025	< 0.0020	9.50	
	2/7/2024	2.3	39	190	0.60	8.89	230	730	^1+ < 0.0300	0.0085	0.036	^1+ < 0.0100	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00065	0.070	< 0.58	< 0.0025	< 0.0020	9.30	
	5/8/2024	1.8	41	180	0.52	9.33	F1 230	720	< 0.0300	0.0076	0.032	< 0.0100	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^+ < 0.010	< 0.00020	0.062	< 0.653	< 0.0025	< 0.0020	8.90	
8/5/2024	2.1	43	200	0.52	8.71	220	830	< 0.0030	0.0091	0.040	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.070	< 0.536	< 0.0025	< 0.0020	2.67		
11/4/2024	2.0	39	200	0.57	9.01	230	780	< 0.0030	0.010	0.036	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.077	0.782	< 0.0025	< 0.0020	30.58		
2/4/2025	1.8	40	210	0.53	8.79	260	770	< 0.0030	0.0094	0.042	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	^5- < 0.010	< 0.00020	0.081	< 0.739	< 0.0025	< 0.0020	52.73		
5/6/2025	1.8	36	160	0.53	9.01	270	780	< 0.0030	0.0076	0.032	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.081	< 0.443	< 0.0025	< 0.0020	5.36		
MW-13 downgradient	5/4/2021	1.7	150	210	0.29	7.54	280	1100	< 0.0030	0.0011	0.14	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00054	0.013	< 0.00020	0.025	1.02	0.0032	< 0.0020	20.60	
	5/26/2021	1.8	150	220	0.32	7.47	280	1100	< 0.0030	0.0010	0.13	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00052	< 0.010	< 0.00020	0.016	0.724	0.0025	< 0.0020	9.80	
	6/7/2021	2.2	180	250	0.33	7.19	270	1200	< 0.0030	0.0021	0.13	< 0.0010	< 0.00050	< 0.0050	0.0013	0.0014	< 0.010	< 0.00020	0.018	1.07	0.0027	< 0.0020	6.49	
	6/28/2021	0.68	110	160	0.37	7.56	120	840	^+ < 0.0030	< 0.0010	0.082	< 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.016	< 0.00020	0.018	0.461	0.0072	< 0.0020	8.25	
	7/12/2021	1.6	150	240	0.33	7.17	220	1200	< 0.0030	0.0015	0.13	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.017	< 0.00020	0.014	1.08	0.009	< 0.0020	5.89	
	8/2/2021	1.6	170	240	0.32	7.10	240	1200	< 0.0030	0.0019	0.13	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.00055	< 0.010	< 0.00020	0.013	0.523	0.0061	< 0.0020	2.91	
	8/26/2021	2.0	180	260	0.34	7.49	250	980	< 0.0030	0.0051	0.16	< 0.0010	< 0.00050	0.0072	0.0035	0.0047	0.012	< 0.00020	0.015	< 0.744	< 0.0025	< 0.0020	12.90	
	11/23/2021	1.8	170	230	0.33	7.03	300	1200	< 0.0030	0.0011	0.11	^+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	< 0.010	< 0.00020	0.012	1.49	0.0082	< 0.0020	17.83	
	2/23/2022	0.3	75	95	0.34	7.25	66	590	< 0.0030	< 0.0010	0.054	^1+ < 0.0010	< 0.00050	< 0.0050	< 0.0010	< 0.00050	0.0066	< 0.00020	0.0089	< 0.613	0.0054	< 0.0020	34.33	
	6/14/2022	2.1	500	^+ 200	0.37	6.68	210	940	< 0.0030	0.046	0.43	< 0.0050	0.0022	0.077	0.041	0.063	< 0.050	< 0.00020	0.026	1.59	0.0097	< 0.0020	81.91	
	8/23/2022	1.2	120	180	0.39	6.92	210	1100	< 0.0030	0.0012	0.11	< 0.0010	^1+ < 0.00050	< 0.0050	< 0.0010	0.0014	0.010	< 0.00020	0.013	< 0.954	0.0099	< 0.0020	47.30	
	11/16/2022	1.6	140	160	0.46	7.10	400	920	< 0.0030	0.0015	0.10	^+ < 0.0010	< 0.00050	< 0.0050	0.0011	0.0013	< 0.010	< 0.00020	0.017	< 1.70	0.0054	< 0.0020	77.20	
	2/21/2023	0.7	110	150	0.32	7.23	120	740	< 0.0030	0.0013	0.11	< 0.0010	< 0.00050	< 0.0050	< 0.0010	0.0011	< 0.010	< 0.00020	0.014	< 1.00	0.011	< 0.0020	41.70	
	4/25/2023	1.1	120	180	0.35	6.96	200	930	< 0.0030	0.0016	0.11	< 0.0010	< 0.0005											

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

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

Generated 5/20/2025 10:18:21 AM

JOB DESCRIPTION

Will County CCR

JOB NUMBER

500-267875-1

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: 500-267875-1

Job ID: 500-267875-1

Eurofins Chicago

Job Narrative 500-267875-1

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 7 coolers at receipt time were 0.2°C, 1.1°C, 1.4°C, 1.8°C, 2.2°C, 2.6°C and 3.0°C.

Metals

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-07 (500-267875-1), MW-02 (500-267875-8), MW-04 (500-267875-10) and MW-15 (500-267875-11). 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: 500-267875-1

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: 500-267875-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-267875-1	MW-07	Water	05/06/25 14:08	05/06/25 16:25
500-267875-2	MW-08	Water	05/06/25 11:50	05/06/25 16:25
500-267875-3	MW-09	Water	05/06/25 11:23	05/06/25 16:25
500-267875-4	MW-13	Water	05/06/25 15:28	05/06/25 16:25
500-267875-5	MW-14	Water	05/06/25 13:14	05/06/25 16:25
500-267875-6	1N/1S Duplicate	Water	05/06/25 00:00	05/06/25 16:25
500-267875-7	MW-01	Water	05/07/25 16:06	05/08/25 08:30
500-267875-8	MW-02	Water	05/07/25 16:52	05/08/25 08:30
500-267875-9	MW-03	Water	05/07/25 13:17	05/08/25 08:30
500-267875-10	MW-04	Water	05/07/25 11:48	05/08/25 08:30
500-267875-11	MW-15	Water	05/07/25 14:24	05/08/25 08:30



Client Sample Results

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

Job ID: 500-267875-1

Client Sample ID: MW-07

Lab Sample ID: 500-267875-1

Date Collected: 05/06/25 14:08

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	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:16	1
Boron	4.0		0.25		mg/L		05/12/25 08:14	05/16/25 12:06	5
Barium	0.085		0.0025		mg/L		05/12/25 08:14	05/15/25 14:16	1
Beryllium	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:16	1
Calcium	320		1.0		mg/L		05/12/25 08:14	05/16/25 12:06	5
Cadmium	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:16	1
Cobalt	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:16	1
Chromium	<0.0050		0.0050		mg/L		05/12/25 08:14	05/15/25 14:16	1
Molybdenum	0.029		0.0050		mg/L		05/12/25 08:14	05/15/25 14:16	1
Lead	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:16	1
Antimony	<0.0030		0.0030		mg/L		05/12/25 08:14	05/15/25 14:16	1
Selenium	0.0053		0.0025		mg/L		05/12/25 08:14	05/15/25 14:16	1
Thallium	<0.0020		0.0020		mg/L		05/12/25 08:14	05/15/25 14:16	1
Lithium	0.031		0.010		mg/L		05/12/25 08:14	05/15/25 14:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/15/25 10:45	05/16/25 09:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	120		20		mg/L			05/15/25 01:46	20
Sulfate (EPA 300.0)	710		20		mg/L			05/15/25 01:46	20
Total Dissolved Solids (SM 2540C)	1700		10		mg/L			05/12/25 00:23	1
Fluoride (SM 4500 F C)	0.35		0.10		mg/L			05/15/25 14:35	1

Client Sample Results

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

Job ID: 500-267875-1

Client Sample ID: MW-08

Lab Sample ID: 500-267875-2

Date Collected: 05/06/25 11:50

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	0.0025		0.0010		mg/L		05/12/25 08:14	05/15/25 14:19	1
Boron	1.7		0.050		mg/L		05/12/25 08:14	05/16/25 12:08	1
Barium	0.076		0.0025		mg/L		05/12/25 08:14	05/15/25 14:19	1
Beryllium	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:19	1
Calcium	140		0.20		mg/L		05/12/25 08:14	05/16/25 12:08	1
Cadmium	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:19	1
Cobalt	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:19	1
Chromium	<0.0050		0.0050		mg/L		05/12/25 08:14	05/15/25 14:19	1
Molybdenum	0.023		0.0050		mg/L		05/12/25 08:14	05/15/25 14:19	1
Lead	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:19	1
Antimony	<0.0030		0.0030		mg/L		05/12/25 08:14	05/15/25 14:19	1
Selenium	<0.0025		0.0025		mg/L		05/12/25 08:14	05/15/25 14:19	1
Thallium	<0.0020		0.0020		mg/L		05/12/25 08:14	05/15/25 14:19	1
Lithium	<0.010		0.010		mg/L		05/12/25 08:14	05/15/25 14:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/15/25 10:45	05/16/25 09:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	150		20		mg/L			05/15/25 01:57	20
Sulfate (EPA 300.0)	190		20		mg/L			05/15/25 01:57	20
Total Dissolved Solids (SM 2540C)	960		10		mg/L			05/12/25 00:31	1
Fluoride (SM 4500 F C)	0.51		0.10		mg/L			05/15/25 14:38	1

Client Sample Results

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

Job ID: 500-267875-1

Client Sample ID: MW-09

Lab Sample ID: 500-267875-3

Date Collected: 05/06/25 11:23

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	0.0076		0.0010		mg/L		05/12/25 08:14	05/15/25 14:21	1
Boron	1.8		0.050		mg/L		05/12/25 08:14	05/16/25 12:11	1
Barium	0.032		0.0025		mg/L		05/12/25 08:14	05/15/25 14:21	1
Beryllium	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:21	1
Calcium	36		0.20		mg/L		05/12/25 08:14	05/16/25 12:11	1
Cadmium	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:21	1
Cobalt	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:21	1
Chromium	<0.0050		0.0050		mg/L		05/12/25 08:14	05/15/25 14:21	1
Molybdenum	0.081		0.0050		mg/L		05/12/25 08:14	05/15/25 14:21	1
Lead	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:21	1
Antimony	<0.0030		0.0030		mg/L		05/12/25 08:14	05/15/25 14:21	1
Selenium	<0.0025		0.0025		mg/L		05/12/25 08:14	05/15/25 14:21	1
Thallium	<0.0020		0.0020		mg/L		05/12/25 08:14	05/15/25 14:21	1
Lithium	<0.010		0.010		mg/L		05/12/25 08:14	05/15/25 14:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/15/25 10:45	05/16/25 09:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	160		10		mg/L			05/15/25 02:09	10
Sulfate (EPA 300.0)	270		10		mg/L			05/15/25 02:09	10
Total Dissolved Solids (SM 2540C)	780		10		mg/L			05/12/25 00:36	1
Fluoride (SM 4500 F C)	0.53		0.10		mg/L			05/15/25 14:41	1

Client Sample Results

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

Job ID: 500-267875-1

Client Sample ID: MW-13

Lab Sample ID: 500-267875-4

Date Collected: 05/06/25 15:28

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	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:28	1
Boron	1.3		0.050		mg/L		05/12/25 08:14	05/16/25 12:13	1
Barium	0.11		0.0025		mg/L		05/12/25 08:14	05/15/25 14:28	1
Beryllium	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:28	1
Calcium	140		0.20		mg/L		05/12/25 08:14	05/16/25 12:13	1
Cadmium	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:28	1
Cobalt	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:28	1
Chromium	<0.0050		0.0050		mg/L		05/12/25 08:14	05/15/25 14:28	1
Molybdenum	0.011		0.0050		mg/L		05/12/25 08:14	05/15/25 14:28	1
Lead	0.00059		0.00050		mg/L		05/12/25 08:14	05/15/25 14:28	1
Antimony	<0.0030		0.0030		mg/L		05/12/25 08:14	05/15/25 14:28	1
Selenium	0.012		0.0025		mg/L		05/12/25 08:14	05/15/25 14:28	1
Thallium	<0.0020		0.0020		mg/L		05/12/25 08:14	05/15/25 14:28	1
Lithium	<0.010		0.010		mg/L		05/12/25 08:14	05/16/25 12:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/15/25 10:45	05/16/25 09:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	190		20		mg/L			05/15/25 02:21	20
Sulfate (EPA 300.0)	180		20		mg/L			05/15/25 02:21	20
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			05/12/25 00:39	1
Fluoride (SM 4500 F C)	0.30		0.10		mg/L			05/15/25 14:53	1

Client Sample Results

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

Job ID: 500-267875-1

Client Sample ID: MW-14

Lab Sample ID: 500-267875-5

Date Collected: 05/06/25 13:14

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	0.0023		0.0010		mg/L		05/12/25 08:14	05/15/25 14:31	1
Boron	3.2		0.050		mg/L		05/12/25 08:14	05/16/25 12:16	1
Barium	0.084		0.0025		mg/L		05/12/25 08:14	05/15/25 14:31	1
Beryllium	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:31	1
Calcium	96		0.20		mg/L		05/12/25 08:14	05/16/25 12:16	1
Cadmium	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:31	1
Cobalt	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:31	1
Chromium	<0.0050		0.0050		mg/L		05/12/25 08:14	05/15/25 14:31	1
Molybdenum	0.072		0.0050		mg/L		05/12/25 08:14	05/15/25 14:31	1
Lead	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:31	1
Antimony	<0.0030		0.0030		mg/L		05/12/25 08:14	05/15/25 14:31	1
Selenium	<0.0025		0.0025		mg/L		05/12/25 08:14	05/15/25 14:31	1
Thallium	<0.0020		0.0020		mg/L		05/12/25 08:14	05/15/25 14:31	1
Lithium	0.022		0.010		mg/L		05/12/25 08:14	05/16/25 12:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/15/25 10:45	05/16/25 09:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	100		20		mg/L			05/15/25 02:32	20
Sulfate (EPA 300.0)	410		20		mg/L			05/15/25 02:32	20
Total Dissolved Solids (SM 2540C)	1000		10		mg/L			05/12/25 00:41	1
Fluoride (SM 4500 F C)	0.62		0.10		mg/L			05/15/25 14:57	1

Client Sample Results

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

Job ID: 500-267875-1

Client Sample ID: 1N/1S Duplicate

Lab Sample ID: 500-267875-6

Date Collected: 05/06/25 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	0.0020		0.0010		mg/L		05/12/25 08:14	05/15/25 14:33	1
Boron	1.7		0.050		mg/L		05/12/25 08:14	05/16/25 12:18	1
Barium	0.074		0.0025		mg/L		05/12/25 08:14	05/15/25 14:33	1
Beryllium	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:33	1
Calcium	140		0.20		mg/L		05/12/25 08:14	05/16/25 12:18	1
Cadmium	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:33	1
Cobalt	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:33	1
Chromium	<0.0050		0.0050		mg/L		05/12/25 08:14	05/15/25 14:33	1
Molybdenum	0.024		0.0050		mg/L		05/12/25 08:14	05/15/25 14:33	1
Lead	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:33	1
Antimony	<0.0030		0.0030		mg/L		05/12/25 08:14	05/15/25 14:33	1
Selenium	<0.0025		0.0025		mg/L		05/12/25 08:14	05/15/25 14:33	1
Thallium	<0.0020		0.0020		mg/L		05/12/25 08:14	05/15/25 14:33	1
Lithium	<0.010		0.010		mg/L		05/12/25 08:14	05/16/25 12:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/15/25 10:45	05/16/25 09:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	150		20		mg/L			05/15/25 03:07	20
Sulfate (EPA 300.0)	200		20		mg/L			05/15/25 03:07	20
Total Dissolved Solids (SM 2540C)	950		10		mg/L			05/12/25 00:44	1
Fluoride (SM 4500 F C)	0.49		0.10		mg/L			05/15/25 15:00	1

Client Sample Results

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

Job ID: 500-267875-1

Client Sample ID: MW-01

Lab Sample ID: 500-267875-7

Date Collected: 05/07/25 16:06

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		05/12/25 08:14	05/15/25 14:36	1
Boron	2.8		0.050		mg/L		05/12/25 08:14	05/16/25 12:20	1
Barium	0.061		0.0025		mg/L		05/12/25 08:14	05/15/25 14:36	1
Beryllium	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:36	1
Calcium	88		0.20		mg/L		05/12/25 08:14	05/16/25 12:20	1
Cadmium	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:36	1
Cobalt	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:36	1
Chromium	<0.0050		0.0050		mg/L		05/12/25 08:14	05/15/25 14:36	1
Molybdenum	0.073		0.0050		mg/L		05/12/25 08:14	05/15/25 14:36	1
Lead	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:36	1
Antimony	<0.0030		0.0030		mg/L		05/12/25 08:14	05/15/25 14:36	1
Selenium	0.0025		0.0025		mg/L		05/12/25 08:14	05/15/25 14:36	1
Thallium	<0.0020		0.0020		mg/L		05/12/25 08:14	05/15/25 14:36	1
Lithium	0.023		0.010		mg/L		05/12/25 08:14	05/16/25 12:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/15/25 10:45	05/16/25 09:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	86		20		mg/L			05/15/25 03:19	20
Sulfate (EPA 300.0)	380		20		mg/L			05/15/25 03:19	20
Total Dissolved Solids (SM 2540C)	930		10		mg/L			05/13/25 02:02	1
Fluoride (SM 4500 F C)	0.79		0.10		mg/L			05/15/25 15:03	1

Client Sample Results

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

Job ID: 500-267875-1

Client Sample ID: MW-02

Lab Sample ID: 500-267875-8

Date Collected: 05/07/25 16:52

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	0.0084		0.0010		mg/L		05/12/25 08:14	05/15/25 14:38	1
Boron	4.6		0.25		mg/L		05/12/25 08:14	05/16/25 12:23	5
Barium	0.058		0.0025		mg/L		05/12/25 08:14	05/15/25 14:38	1
Beryllium	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:38	1
Calcium	84		1.0		mg/L		05/12/25 08:14	05/16/25 12:23	5
Cadmium	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:38	1
Cobalt	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:38	1
Chromium	<0.0050		0.0050		mg/L		05/12/25 08:14	05/15/25 14:38	1
Molybdenum	0.071		0.0050		mg/L		05/12/25 08:14	05/15/25 14:38	1
Lead	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:38	1
Antimony	<0.0030		0.0030		mg/L		05/12/25 08:14	05/15/25 14:38	1
Selenium	<0.0025		0.0025		mg/L		05/12/25 08:14	05/15/25 14:38	1
Thallium	<0.0020		0.0020		mg/L		05/12/25 08:14	05/15/25 14:38	1
Lithium	<0.050		0.050		mg/L		05/12/25 08:14	05/16/25 12:23	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/15/25 10:45	05/16/25 09:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	39		20		mg/L			05/15/25 13:27	20
Sulfate (EPA 300.0)	380		20		mg/L			05/15/25 13:27	20
Total Dissolved Solids (SM 2540C)	830		10		mg/L			05/13/25 02:04	1
Fluoride (SM 4500 F C)	0.38		0.10		mg/L			05/19/25 12:26	1

Client Sample Results

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

Job ID: 500-267875-1

Client Sample ID: MW-03

Lab Sample ID: 500-267875-9

Date Collected: 05/07/25 13:17

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		05/12/25 08:14	05/15/25 14:40	1
Boron	2.3		0.050		mg/L		05/12/25 08:14	05/16/25 12:35	1
Barium	0.099		0.0025		mg/L		05/12/25 08:14	05/15/25 14:40	1
Beryllium	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:40	1
Calcium	200		0.20		mg/L		05/12/25 08:14	05/16/25 12:35	1
Cadmium	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:40	1
Cobalt	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:40	1
Chromium	<0.0050		0.0050		mg/L		05/12/25 08:14	05/15/25 14:40	1
Molybdenum	0.013		0.0050		mg/L		05/12/25 08:14	05/15/25 14:40	1
Lead	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:40	1
Antimony	<0.0030		0.0030		mg/L		05/12/25 08:14	05/15/25 14:40	1
Selenium	0.017		0.0025		mg/L		05/12/25 08:14	05/15/25 14:40	1
Thallium	<0.0020		0.0020		mg/L		05/12/25 08:14	05/15/25 14:40	1
Lithium	0.027		0.010		mg/L		05/12/25 08:14	05/16/25 12:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/15/25 10:45	05/16/25 09:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	7.9		1.0		mg/L			05/18/25 01:15	1
Sulfate (EPA 300.0)	220		20		mg/L			05/15/25 13:38	20
Total Dissolved Solids (SM 2540C)	910		10		mg/L			05/13/25 02:07	1
Fluoride (SM 4500 F C)	0.34		0.10		mg/L			05/19/25 12:38	1

Client Sample Results

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

Job ID: 500-267875-1

Client Sample ID: MW-04

Lab Sample ID: 500-267875-10

Date Collected: 05/07/25 11:48

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	0.0014		0.0010		mg/L		05/12/25 08:14	05/15/25 14:43	1
Boron	3.4		0.25		mg/L		05/12/25 08:14	05/16/25 12:38	5
Barium	0.047		0.0025		mg/L		05/12/25 08:14	05/15/25 14:43	1
Beryllium	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:43	1
Calcium	330		1.0		mg/L		05/12/25 08:14	05/16/25 12:38	5
Cadmium	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:43	1
Cobalt	0.0011		0.0010		mg/L		05/12/25 08:14	05/15/25 14:43	1
Chromium	<0.0050		0.0050		mg/L		05/12/25 08:14	05/15/25 14:43	1
Molybdenum	0.025		0.0050		mg/L		05/12/25 08:14	05/15/25 14:43	1
Lead	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:43	1
Antimony	<0.0030		0.0030		mg/L		05/12/25 08:14	05/15/25 14:43	1
Selenium	0.013		0.0025		mg/L		05/12/25 08:14	05/15/25 14:43	1
Thallium	<0.0020		0.0020		mg/L		05/12/25 08:14	05/15/25 14:43	1
Lithium	<0.050		0.050		mg/L		05/12/25 08:14	05/16/25 12:38	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/15/25 10:45	05/16/25 09:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	32		20		mg/L			05/15/25 13:50	20
Sulfate (EPA 300.0)	780		20		mg/L			05/15/25 13:50	20
Total Dissolved Solids (SM 2540C)	1900		10		mg/L			05/13/25 02:10	1
Fluoride (SM 4500 F C)	0.43		0.10		mg/L			05/19/25 12:45	1

Client Sample Results

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

Job ID: 500-267875-1

Client Sample ID: MW-15

Lab Sample ID: 500-267875-11

Date Collected: 05/07/25 14:24

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	0.0081		0.0010		mg/L		05/12/25 08:14	05/15/25 14:45	1
Boron	3.9		0.25		mg/L		05/12/25 08:14	05/16/25 12:41	5
Barium	0.17		0.0025		mg/L		05/12/25 08:14	05/15/25 14:45	1
Beryllium	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:45	1
Calcium	370		1.0		mg/L		05/12/25 08:14	05/16/25 12:41	5
Cadmium	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:45	1
Cobalt	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 14:45	1
Chromium	<0.0050		0.0050		mg/L		05/12/25 08:14	05/15/25 14:45	1
Molybdenum	<0.0050		0.0050		mg/L		05/12/25 08:14	05/15/25 14:45	1
Lead	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 14:45	1
Antimony	<0.0030		0.0030		mg/L		05/12/25 08:14	05/15/25 14:45	1
Selenium	<0.0025		0.0025		mg/L		05/12/25 08:14	05/15/25 14:45	1
Thallium	<0.0020		0.0020		mg/L		05/12/25 08:14	05/15/25 14:45	1
Lithium	<0.050		0.050		mg/L		05/12/25 08:14	05/16/25 12:41	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/15/25 10:45	05/16/25 09:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	94		20		mg/L			05/15/25 14:25	20
Sulfate (EPA 300.0)	920		20		mg/L			05/15/25 14:25	20
Total Dissolved Solids (SM 2540C)	2300		10		mg/L			05/13/25 02:12	1
Fluoride (SM 4500 F C)	0.31		0.10		mg/L			05/19/25 12:56	1

Definitions/Glossary

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

Job ID: 500-267875-1

Qualifiers

General Chemistry

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

Glossary

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

QC Association Summary

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

Job ID: 500-267875-1

Metals

Prep Batch: 817230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267875-1	MW-07	Total Recoverable	Water	3005A	
500-267875-2	MW-08	Total Recoverable	Water	3005A	
500-267875-3	MW-09	Total Recoverable	Water	3005A	
500-267875-4	MW-13	Total Recoverable	Water	3005A	
500-267875-5	MW-14	Total Recoverable	Water	3005A	
500-267875-6	1N/1S Duplicate	Total Recoverable	Water	3005A	
500-267875-7	MW-01	Total Recoverable	Water	3005A	
500-267875-8	MW-02	Total Recoverable	Water	3005A	
500-267875-9	MW-03	Total Recoverable	Water	3005A	
500-267875-10	MW-04	Total Recoverable	Water	3005A	
500-267875-11	MW-15	Total Recoverable	Water	3005A	
MB 500-817230/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-817230/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 817828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267875-1	MW-07	Total/NA	Water	7470A	
500-267875-2	MW-08	Total/NA	Water	7470A	
500-267875-3	MW-09	Total/NA	Water	7470A	
500-267875-4	MW-13	Total/NA	Water	7470A	
500-267875-5	MW-14	Total/NA	Water	7470A	
500-267875-6	1N/1S Duplicate	Total/NA	Water	7470A	
500-267875-7	MW-01	Total/NA	Water	7470A	
500-267875-8	MW-02	Total/NA	Water	7470A	
500-267875-9	MW-03	Total/NA	Water	7470A	
500-267875-10	MW-04	Total/NA	Water	7470A	
500-267875-11	MW-15	Total/NA	Water	7470A	
MB 500-817828/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-817828/13-A	Lab Control Sample	Total/NA	Water	7470A	
500-267875-8 MS	MW-02	Total/NA	Water	7470A	
500-267875-8 MSD	MW-02	Total/NA	Water	7470A	
500-267875-8 DU	MW-02	Total/NA	Water	7470A	

Analysis Batch: 817968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267875-1	MW-07	Total Recoverable	Water	6020B	817230
500-267875-2	MW-08	Total Recoverable	Water	6020B	817230
500-267875-3	MW-09	Total Recoverable	Water	6020B	817230
500-267875-4	MW-13	Total Recoverable	Water	6020B	817230
500-267875-5	MW-14	Total Recoverable	Water	6020B	817230
500-267875-6	1N/1S Duplicate	Total Recoverable	Water	6020B	817230
500-267875-7	MW-01	Total Recoverable	Water	6020B	817230
500-267875-8	MW-02	Total Recoverable	Water	6020B	817230
500-267875-9	MW-03	Total Recoverable	Water	6020B	817230
500-267875-10	MW-04	Total Recoverable	Water	6020B	817230
500-267875-11	MW-15	Total Recoverable	Water	6020B	817230
MB 500-817230/1-A	Method Blank	Total Recoverable	Water	6020B	817230
LCS 500-817230/2-A	Lab Control Sample	Total Recoverable	Water	6020B	817230

QC Association Summary

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

Job ID: 500-267875-1

Metals

Analysis Batch: 818017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267875-1	MW-07	Total/NA	Water	7470A	817828
500-267875-2	MW-08	Total/NA	Water	7470A	817828
500-267875-3	MW-09	Total/NA	Water	7470A	817828
500-267875-4	MW-13	Total/NA	Water	7470A	817828
500-267875-5	MW-14	Total/NA	Water	7470A	817828
500-267875-6	1N/1S Duplicate	Total/NA	Water	7470A	817828
500-267875-7	MW-01	Total/NA	Water	7470A	817828
500-267875-8	MW-02	Total/NA	Water	7470A	817828
500-267875-9	MW-03	Total/NA	Water	7470A	817828
500-267875-10	MW-04	Total/NA	Water	7470A	817828
500-267875-11	MW-15	Total/NA	Water	7470A	817828
MB 500-817828/12-A	Method Blank	Total/NA	Water	7470A	817828
LCS 500-817828/13-A	Lab Control Sample	Total/NA	Water	7470A	817828
500-267875-8 MS	MW-02	Total/NA	Water	7470A	817828
500-267875-8 MSD	MW-02	Total/NA	Water	7470A	817828
500-267875-8 DU	MW-02	Total/NA	Water	7470A	817828

Analysis Batch: 818169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267875-1	MW-07	Total Recoverable	Water	6020B	817230
500-267875-2	MW-08	Total Recoverable	Water	6020B	817230
500-267875-3	MW-09	Total Recoverable	Water	6020B	817230
500-267875-4	MW-13	Total Recoverable	Water	6020B	817230
500-267875-5	MW-14	Total Recoverable	Water	6020B	817230
500-267875-6	1N/1S Duplicate	Total Recoverable	Water	6020B	817230
500-267875-7	MW-01	Total Recoverable	Water	6020B	817230
500-267875-8	MW-02	Total Recoverable	Water	6020B	817230
500-267875-9	MW-03	Total Recoverable	Water	6020B	817230
500-267875-10	MW-04	Total Recoverable	Water	6020B	817230
500-267875-11	MW-15	Total Recoverable	Water	6020B	817230
MB 500-817230/1-A	Method Blank	Total Recoverable	Water	6020B	817230
LCS 500-817230/2-A	Lab Control Sample	Total Recoverable	Water	6020B	817230

General Chemistry

Analysis Batch: 817195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267875-1	MW-07	Total/NA	Water	SM 2540C	
500-267875-2	MW-08	Total/NA	Water	SM 2540C	
500-267875-3	MW-09	Total/NA	Water	SM 2540C	
500-267875-4	MW-13	Total/NA	Water	SM 2540C	
500-267875-5	MW-14	Total/NA	Water	SM 2540C	
500-267875-6	1N/1S Duplicate	Total/NA	Water	SM 2540C	
MB 500-817195/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-817195/2	Lab Control Sample	Total/NA	Water	SM 2540C	
500-267875-1 MS	MW-07	Total/NA	Water	SM 2540C	
500-267875-1 DU	MW-07	Total/NA	Water	SM 2540C	
500-267875-2 DU	MW-08	Total/NA	Water	SM 2540C	

QC Association Summary

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

Job ID: 500-267875-1

General Chemistry

Analysis Batch: 817368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267875-7	MW-01	Total/NA	Water	SM 2540C	
500-267875-8	MW-02	Total/NA	Water	SM 2540C	
500-267875-9	MW-03	Total/NA	Water	SM 2540C	
500-267875-10	MW-04	Total/NA	Water	SM 2540C	
500-267875-11	MW-15	Total/NA	Water	SM 2540C	
MB 500-817368/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 500-817368/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 817696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267875-1	MW-07	Total/NA	Water	300.0	
500-267875-2	MW-08	Total/NA	Water	300.0	
500-267875-3	MW-09	Total/NA	Water	300.0	
500-267875-4	MW-13	Total/NA	Water	300.0	
500-267875-5	MW-14	Total/NA	Water	300.0	
500-267875-6	1N/1S Duplicate	Total/NA	Water	300.0	
500-267875-7	MW-01	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: 817823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267875-8	MW-02	Total/NA	Water	300.0	
500-267875-9	MW-03	Total/NA	Water	300.0	
500-267875-10	MW-04	Total/NA	Water	300.0	
500-267875-11	MW-15	Total/NA	Water	300.0	
MB 500-817823/3	Method Blank	Total/NA	Water	300.0	
LCS 500-817823/4	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 817888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267875-1	MW-07	Total/NA	Water	SM 4500 F C	
500-267875-2	MW-08	Total/NA	Water	SM 4500 F C	
500-267875-3	MW-09	Total/NA	Water	SM 4500 F C	
500-267875-4	MW-13	Total/NA	Water	SM 4500 F C	
500-267875-5	MW-14	Total/NA	Water	SM 4500 F C	
500-267875-6	1N/1S Duplicate	Total/NA	Water	SM 4500 F C	
500-267875-7	MW-01	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	

Analysis Batch: 818103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267875-9	MW-03	Total/NA	Water	300.0	
MB 500-818103/3	Method Blank	Total/NA	Water	300.0	
LCS 500-818103/4	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 818306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267875-8	MW-02	Total/NA	Water	SM 4500 F C	
500-267875-9	MW-03	Total/NA	Water	SM 4500 F C	

QC Association Summary

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

Job ID: 500-267875-1

General Chemistry (Continued)

Analysis Batch: 818306 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267875-10	MW-04	Total/NA	Water	SM 4500 F C	
500-267875-11	MW-15	Total/NA	Water	SM 4500 F C	
MB 500-818306/3	Method Blank	Total/NA	Water	SM 4500 F C	
MB 500-818306/31	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 500-818306/32	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 500-818306/4	Lab Control Sample	Total/NA	Water	SM 4500 F C	
500-267875-9 MS	MW-03	Total/NA	Water	SM 4500 F C	
500-267875-9 MSD	MW-03	Total/NA	Water	SM 4500 F C	



QC Sample Results

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

Job ID: 500-267875-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-817230/1-A
Matrix: Water
Analysis Batch: 817968

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 817230

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 13:50	1
Barium	<0.0025		0.0025		mg/L		05/12/25 08:14	05/15/25 13:50	1
Beryllium	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 13:50	1
Cadmium	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 13:50	1
Cobalt	<0.0010		0.0010		mg/L		05/12/25 08:14	05/15/25 13:50	1
Chromium	<0.0050		0.0050		mg/L		05/12/25 08:14	05/15/25 13:50	1
Molybdenum	<0.0050		0.0050		mg/L		05/12/25 08:14	05/15/25 13:50	1
Lead	<0.00050		0.00050		mg/L		05/12/25 08:14	05/15/25 13:50	1
Antimony	<0.0030		0.0030		mg/L		05/12/25 08:14	05/15/25 13:50	1
Selenium	<0.0025		0.0025		mg/L		05/12/25 08:14	05/15/25 13:50	1
Thallium	<0.0020		0.0020		mg/L		05/12/25 08:14	05/15/25 13:50	1
Lithium	<0.010		0.010		mg/L		05/12/25 08:14	05/15/25 13:50	1

Lab Sample ID: MB 500-817230/1-A
Matrix: Water
Analysis Batch: 818169

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 817230

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Boron	<0.050		0.050		mg/L		05/12/25 08:14	05/16/25 12:01	1
Calcium	<0.20		0.20		mg/L		05/12/25 08:14	05/16/25 12:01	1

Lab Sample ID: LCS 500-817230/2-A
Matrix: Water
Analysis Batch: 817968

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 817230

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
							%Rec	Limits
Arsenic	0.100	0.101		mg/L		101	80 - 120	
Barium	0.500	0.531		mg/L		106	80 - 120	
Beryllium	0.0500	0.0532		mg/L		106	80 - 120	
Cadmium	0.0500	0.0527		mg/L		105	80 - 120	
Cobalt	0.500	0.532		mg/L		106	80 - 120	
Chromium	0.200	0.203		mg/L		101	80 - 120	
Molybdenum	1.00	1.07		mg/L		107	80 - 120	
Lead	0.100	0.104		mg/L		104	80 - 120	
Antimony	0.500	0.539		mg/L		108	80 - 120	
Selenium	0.100	0.105		mg/L		105	80 - 120	
Thallium	0.100	0.107		mg/L		107	80 - 120	
Lithium	0.100	0.113		mg/L		113	80 - 120	

Lab Sample ID: LCS 500-817230/2-A
Matrix: Water
Analysis Batch: 818169

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 817230

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
							%Rec	Limits
Boron	1.00	1.05		mg/L		105	80 - 120	
Calcium	10.0	9.15		mg/L		92	80 - 120	

QC Sample Results

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

Job ID: 500-267875-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-817828/12-A
Matrix: Water
Analysis Batch: 818017

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 817828

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020		mg/L		05/15/25 10:45	05/16/25 08:59	1

Lab Sample ID: LCS 500-817828/13-A
Matrix: Water
Analysis Batch: 818017

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 817828

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00211		mg/L		106	80 - 120

Lab Sample ID: 500-267875-8 MS
Matrix: Water
Analysis Batch: 818017

Client Sample ID: MW-02
Prep Type: Total/NA
Prep Batch: 817828

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00020		0.000999	0.000985		mg/L		99	75 - 125

Lab Sample ID: 500-267875-8 MSD
Matrix: Water
Analysis Batch: 818017

Client Sample ID: MW-02
Prep Type: Total/NA
Prep Batch: 817828

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00020		0.000999	0.000993		mg/L		99	75 - 125	1	20

Lab Sample ID: 500-267875-8 DU
Matrix: Water
Analysis Batch: 818017

Client Sample ID: MW-02
Prep Type: Total/NA
Prep Batch: 817828

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 500-817696/3
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: 500-267875-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 500-817823/3
Matrix: Water
Analysis Batch: 817823

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			05/15/25 12:05	1
Sulfate	<1.0		1.0		mg/L			05/15/25 12:05	1

Lab Sample ID: LCS 500-817823/4
Matrix: Water
Analysis Batch: 817823

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	20.3		mg/L		102	90 - 110
Sulfate	20.0	19.4		mg/L		97	90 - 110

Lab Sample ID: MB 500-818103/3
Matrix: Water
Analysis Batch: 818103

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			05/17/25 22:12	1

Lab Sample ID: LCS 500-818103/4
Matrix: Water
Analysis Batch: 818103

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

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

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

Lab Sample ID: MB 500-817195/1
Matrix: Water
Analysis Batch: 817195

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			05/12/25 00:16	1

Lab Sample ID: LCS 500-817195/2
Matrix: Water
Analysis Batch: 817195

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

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

Lab Sample ID: 500-267875-1 MS
Matrix: Water
Analysis Batch: 817195

Client Sample ID: MW-07
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1700		250	1990	4	mg/L		103	75 - 125

QC Sample Results

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

Job ID: 500-267875-1

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

Lab Sample ID: 500-267875-1 DU
 Matrix: Water
 Analysis Batch: 817195

Client Sample ID: MW-07
 Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Dissolved Solids	1700		1790		mg/L		3	5

Lab Sample ID: 500-267875-2 DU
 Matrix: Water
 Analysis Batch: 817195

Client Sample ID: MW-08
 Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Dissolved Solids	960		988		mg/L		3	5

Lab Sample ID: MB 500-817368/1
 Matrix: Water
 Analysis Batch: 817368

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	<10		10		mg/L			05/13/25 01:39	1

Lab Sample ID: LCS 500-817368/2
 Matrix: Water
 Analysis Batch: 817368

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

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec Limits
	Added	Result	Qualifier				
Total Dissolved Solids	250	226		mg/L		90	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	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
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	LCS	LCS	Unit	D	%Rec	%Rec Limits
	Added	Result	Qualifier				
Fluoride	10.0	9.83		mg/L		98	90 - 119

Lab Sample ID: MB 500-818306/3
 Matrix: Water
 Analysis Batch: 818306

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Fluoride	<0.10		0.10		mg/L			05/19/25 10:46	1

QC Sample Results

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

Job ID: 500-267875-1

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: MB 500-818306/31
Matrix: Water
Analysis Batch: 818306

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			05/19/25 12:29	1

Lab Sample ID: LCS 500-818306/32
Matrix: Water
Analysis Batch: 818306

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	9.96		mg/L		100	90 - 119

Lab Sample ID: LCS 500-818306/4
Matrix: Water
Analysis Batch: 818306

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	9.82		mg/L		98	90 - 119

Lab Sample ID: 500-267875-9 MS
Matrix: Water
Analysis Batch: 818306

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.34		5.00	5.75		mg/L		108	75 - 125

Lab Sample ID: 500-267875-9 MSD
Matrix: Water
Analysis Batch: 818306

Client Sample ID: MW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.34		5.00	5.68		mg/L		107	75 - 125	1	20

Eurofins Chicago

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 Tinley Park, IL 60487
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Chain of Custody Record

Client Information		Sampler: <u>JAN JOHN HONIGSON</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-136137-45943 1			
Client Contact: Patrick Allenstein		Phone: <u>630-290-6850</u>		E-Mail: Diana Mockler@et.eurofinsus.com		State of Origin:		Page: Page 1 of 1			
Company: KPRG and Associates, Inc.		PWSID:		Analysis Requested						Job #: <u>500-267875</u>	
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested:		 <p>500-267875 COC</p>						Preservation Codes: D - HNO3 N - None	
City: Brookfield		TAT Requested (days):								Other:	
State Zip: WI, 53005		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No									
Phone:		PO #: 4502187743									
Email: patricka@kprginc.com		WO #:									
Project Name: Will County 1N/1S Event Desc. Quarterly GW Monitoring		Project #: 50011609		Field Filtered Sample (Yes or No):		Perform MS/MSD (Yes or No):		Total Number of Containers:			
Site: Illinois		SSOW#:		903.0, 904.0		6010C, 6020A, 7470A		2540C, 4500_F_C, SM4500_CI_E, SM4500_SO4_E			
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)		Special Instructions/Note:	
MW-01		-		-		-		Water			
MW-02		-		-		-		Water			
MW-03		-		-		-		Water			
MW-04		-		-		-		Water			
1 MW-07		5-6-25		14:08		G		Water		N N X X X	
2 MW-08		5-6-25		11:50		G		Water		N N X X X	
3 MW-09		5-6-25		10:23		G		Water		N N X X X	
4 MW-13		5-5-25		15:28		G		Water		N N X X X	
5 MW-14		5-6-25		13:14		G		Water		N N X X X	
6 MW-15		-		-		-		Water		N N X X X	
1N/1S Duplicate		5-6-25		-		G		Water		N N X X X	
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
<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: <u>[Signature]</u>		Date/Time: 5-6-25 16:25		Company: KPRG		Received by: <u>[Signature]</u>		Date/Time: 05/06/2025 16:25		Company: EETA	
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						48g+	
				1.6 → 2.2 on 5/1/25 1.7 → 2.3; 0.8 → 1.4; 1.2 → 1.8; 2.7 → 3.0						Ver 48/10/2023/20/2025	



Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-267875-1

Login Number: 267875

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	1.4,1.8,3.0,2.2,1.1,0.2,2.6
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: 500-267875-1

Client Sample ID: MW-07

Lab Sample ID: 500-267875-1

Date Collected: 05/06/25 14:08

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			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		5	818169	RN	EET CHI	05/16/25 12:06
Total Recoverable	Prep	3005A			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 14:16
Total/NA	Prep	7470A			817828	MJG	EET CHI	05/15/25 10:45 - 05/15/25 12:45 ¹
Total/NA	Analysis	7470A		1	818017	MJG	EET CHI	05/16/25 09:04
Total/NA	Analysis	300.0		20	817696	MM	EET CHI	05/15/25 01:46
Total/NA	Analysis	SM 2540C		1	817195	CLB	EET CHI	05/12/25 00:23
Total/NA	Analysis	SM 4500 F C		1	817888	LP	EET CHI	05/15/25 14:35

Client Sample ID: MW-08

Lab Sample ID: 500-267875-2

Date Collected: 05/06/25 11:50

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			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		1	818169	RN	EET CHI	05/16/25 12:08
Total Recoverable	Prep	3005A			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 14:19
Total/NA	Prep	7470A			817828	MJG	EET CHI	05/15/25 10:45 - 05/15/25 12:45 ¹
Total/NA	Analysis	7470A		1	818017	MJG	EET CHI	05/16/25 09:06
Total/NA	Analysis	300.0		20	817696	MM	EET CHI	05/15/25 01:57
Total/NA	Analysis	SM 2540C		1	817195	CLB	EET CHI	05/12/25 00:31
Total/NA	Analysis	SM 4500 F C		1	817888	LP	EET CHI	05/15/25 14:38

Client Sample ID: MW-09

Lab Sample ID: 500-267875-3

Date Collected: 05/06/25 11:23

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			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		1	818169	RN	EET CHI	05/16/25 12:11
Total Recoverable	Prep	3005A			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 14:21
Total/NA	Prep	7470A			817828	MJG	EET CHI	05/15/25 10:45 - 05/15/25 12:45 ¹
Total/NA	Analysis	7470A		1	818017	MJG	EET CHI	05/16/25 09:08
Total/NA	Analysis	300.0		10	817696	MM	EET CHI	05/15/25 02:09
Total/NA	Analysis	SM 2540C		1	817195	CLB	EET CHI	05/12/25 00:36
Total/NA	Analysis	SM 4500 F C		1	817888	LP	EET CHI	05/15/25 14:41

Lab Chronicle

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

Job ID: 500-267875-1

Client Sample ID: MW-13
Date Collected: 05/06/25 15:28
Date Received: 05/06/25 16:25

Lab Sample ID: 500-267875-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		1	818169	RN	EET CHI	05/16/25 12:13
Total Recoverable	Prep	3005A			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 14:28
Total/NA	Prep	7470A			817828	MJG	EET CHI	05/15/25 10:45 - 05/15/25 12:45 ¹
Total/NA	Analysis	7470A		1	818017	MJG	EET CHI	05/16/25 09:10
Total/NA	Analysis	300.0		20	817696	MM	EET CHI	05/15/25 02:21
Total/NA	Analysis	SM 2540C		1	817195	CLB	EET CHI	05/12/25 00:39
Total/NA	Analysis	SM 4500 F C		1	817888	LP	EET CHI	05/15/25 14:53

Client Sample ID: MW-14
Date Collected: 05/06/25 13:14
Date Received: 05/06/25 16:25

Lab Sample ID: 500-267875-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		1	818169	RN	EET CHI	05/16/25 12:16
Total Recoverable	Prep	3005A			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 14:31
Total/NA	Prep	7470A			817828	MJG	EET CHI	05/15/25 10:45 - 05/15/25 12:45 ¹
Total/NA	Analysis	7470A		1	818017	MJG	EET CHI	05/16/25 09:12
Total/NA	Analysis	300.0		20	817696	MM	EET CHI	05/15/25 02:32
Total/NA	Analysis	SM 2540C		1	817195	CLB	EET CHI	05/12/25 00:41
Total/NA	Analysis	SM 4500 F C		1	817888	LP	EET CHI	05/15/25 14:57

Client Sample ID: 1N/1S Duplicate
Date Collected: 05/06/25 00:00
Date Received: 05/06/25 16:25

Lab Sample ID: 500-267875-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		1	818169	RN	EET CHI	05/16/25 12:18
Total Recoverable	Prep	3005A			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 14:33
Total/NA	Prep	7470A			817828	MJG	EET CHI	05/15/25 10:45 - 05/15/25 12:45 ¹
Total/NA	Analysis	7470A		1	818017	MJG	EET CHI	05/16/25 09:15
Total/NA	Analysis	300.0		20	817696	MM	EET CHI	05/15/25 03:07
Total/NA	Analysis	SM 2540C		1	817195	CLB	EET CHI	05/12/25 00:44
Total/NA	Analysis	SM 4500 F C		1	817888	LP	EET CHI	05/15/25 15:00

Lab Chronicle

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

Job ID: 500-267875-1

Client Sample ID: MW-01

Lab Sample ID: 500-267875-7

Date Collected: 05/07/25 16:06

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			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		1	818169	RN	EET CHI	05/16/25 12:20
Total Recoverable	Prep	3005A			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 14:36
Total/NA	Prep	7470A			817828	MJG	EET CHI	05/15/25 10:45 - 05/15/25 12:45 ¹
Total/NA	Analysis	7470A		1	818017	MJG	EET CHI	05/16/25 09:17
Total/NA	Analysis	300.0		20	817696	MM	EET CHI	05/15/25 03:19
Total/NA	Analysis	SM 2540C		1	817368	CLB	EET CHI	05/13/25 02:02
Total/NA	Analysis	SM 4500 F C		1	817888	LP	EET CHI	05/15/25 15:03

Client Sample ID: MW-02

Lab Sample ID: 500-267875-8

Date Collected: 05/07/25 16:52

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			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		5	818169	RN	EET CHI	05/16/25 12:23
Total Recoverable	Prep	3005A			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 14:38
Total/NA	Prep	7470A			817828	MJG	EET CHI	05/15/25 10:45 - 05/15/25 12:45 ¹
Total/NA	Analysis	7470A		1	818017	MJG	EET CHI	05/16/25 09:39
Total/NA	Analysis	300.0		20	817823	W1T	EET CHI	05/15/25 13:27
Total/NA	Analysis	SM 2540C		1	817368	CLB	EET CHI	05/13/25 02:04
Total/NA	Analysis	SM 4500 F C		1	818306	AC	EET CHI	05/19/25 12:26

Client Sample ID: MW-03

Lab Sample ID: 500-267875-9

Date Collected: 05/07/25 13:17

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			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		1	818169	RN	EET CHI	05/16/25 12:35
Total Recoverable	Prep	3005A			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 14:40
Total/NA	Prep	7470A			817828	MJG	EET CHI	05/15/25 10:45 - 05/15/25 12:45 ¹
Total/NA	Analysis	7470A		1	818017	MJG	EET CHI	05/16/25 09:47
Total/NA	Analysis	300.0		20	817823	W1T	EET CHI	05/15/25 13:38
Total/NA	Analysis	300.0		1	818103	W1T	EET CHI	05/18/25 01:15
Total/NA	Analysis	SM 2540C		1	817368	CLB	EET CHI	05/13/25 02:07
Total/NA	Analysis	SM 4500 F C		1	818306	AC	EET CHI	05/19/25 12:38

Lab Chronicle

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

Job ID: 500-267875-1

Client Sample ID: MW-04

Lab Sample ID: 500-267875-10

Date Collected: 05/07/25 11:48

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			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		5	818169	RN	EET CHI	05/16/25 12:38
Total Recoverable	Prep	3005A			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 14:43
Total/NA	Prep	7470A			817828	MJG	EET CHI	05/15/25 10:45 - 05/15/25 12:45 ¹
Total/NA	Analysis	7470A		1	818017	MJG	EET CHI	05/16/25 09:57
Total/NA	Analysis	300.0		20	817823	W1T	EET CHI	05/15/25 13:50
Total/NA	Analysis	SM 2540C		1	817368	CLB	EET CHI	05/13/25 02:10
Total/NA	Analysis	SM 4500 F C		1	818306	AC	EET CHI	05/19/25 12:45

Client Sample ID: MW-15

Lab Sample ID: 500-267875-11

Date Collected: 05/07/25 14:24

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			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		5	818169	RN	EET CHI	05/16/25 12:41
Total Recoverable	Prep	3005A			817230	BDE	EET CHI	05/12/25 08:14 - 05/12/25 14:14 ¹
Total Recoverable	Analysis	6020B		1	817968	RN	EET CHI	05/15/25 14:45
Total/NA	Prep	7470A			817828	MJG	EET CHI	05/15/25 10:45 - 05/15/25 12:45 ¹
Total/NA	Analysis	7470A		1	818017	MJG	EET CHI	05/16/25 09:59
Total/NA	Analysis	300.0		20	817823	W1T	EET CHI	05/15/25 14:25
Total/NA	Analysis	SM 2540C		1	817368	CLB	EET CHI	05/13/25 02:12
Total/NA	Analysis	SM 4500 F C		1	818306	AC	EET CHI	05/19/25 12:56

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

Laboratory References:

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

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

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

Generated 6/9/2025 12:08:58 PM

JOB DESCRIPTION

Will County CCR (RAD)

JOB NUMBER

500-267875-2

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



Generated
6/9/2025 12:08:58 PM

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



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Case Narrative

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

Job ID: 500-267875-2

Job ID: 500-267875-2

Eurofins Chicago

Job Narrative 500-267875-2

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 7 coolers at receipt time were 0.2°C, 1.1°C, 1.4°C, 1.8°C, 2.2°C, 2.6°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: 500-267875-2

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: 500-267875-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-267875-1	MW-07	Water	05/06/25 14:08	05/06/25 16:25
500-267875-2	MW-08	Water	05/06/25 11:50	05/06/25 16:25
500-267875-3	MW-09	Water	05/06/25 11:23	05/06/25 16:25
500-267875-4	MW-13	Water	05/06/25 15:28	05/06/25 16:25
500-267875-5	MW-14	Water	05/06/25 13:14	05/06/25 16:25
500-267875-6	1N/1S Duplicate	Water	05/06/25 00:00	05/06/25 16:25
500-267875-7	MW-01	Water	05/07/25 16:06	05/08/25 08:30
500-267875-8	MW-02	Water	05/07/25 16:52	05/08/25 08:30
500-267875-9	MW-03	Water	05/07/25 13:17	05/08/25 08:30
500-267875-10	MW-04	Water	05/07/25 11:48	05/08/25 08:30
500-267875-11	MW-15	Water	05/07/25 14:24	05/08/25 08:30

- 1
- 2
- 3
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- 13

Client Sample Results

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

Job ID: 500-267875-2

Client Sample ID: MW-07

Lab Sample ID: 500-267875-1

Date Collected: 05/06/25 14:08

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	0.0376	U	0.0974	0.0974	1.00	0.181	pCi/L	05/09/25 07:37	06/08/25 19:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.8		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	0.383	U	0.284	0.287	1.00	0.428	pCi/L	05/09/25 08:37	06/06/25 11:46	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.8		30 - 110					05/09/25 08:37	06/06/25 11:46	1
Y Carrier	86.4		30 - 110					05/09/25 08:37	06/06/25 11:46	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	0.421	U	0.300	0.303	5.00	0.428	pCi/L		06/09/25 11:49	1

Client Sample Results

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

Job ID: 500-267875-2

Client Sample ID: MW-08

Lab Sample ID: 500-267875-2

Date Collected: 05/06/25 11:50

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	0.149	U	0.125	0.126	1.00	0.185	pCi/L	05/09/25 07:37	06/08/25 19:22	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		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	0.686		0.363	0.369	1.00	0.495	pCi/L	05/09/25 08:37	06/06/25 11:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		30 - 110					05/09/25 08:37	06/06/25 11:47	1
Y Carrier	78.9		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	0.835		0.384	0.390	5.00	0.495	pCi/L		06/09/25 11:49	1

Client Sample Results

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

Job ID: 500-267875-2

Client Sample ID: MW-09

Lab Sample ID: 500-267875-3

Date Collected: 05/06/25 11:23

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	0.106	U	0.142	0.142	1.00	0.237	pCi/L	05/09/25 07:37	06/08/25 19:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					05/09/25 07:37	06/08/25 19:24	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	0.337	U	0.324	0.326	1.00	0.518	pCi/L	05/09/25 08:37	06/06/25 11:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					05/09/25 08:37	06/06/25 11:47	1
Y Carrier	81.5		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	0.443	U	0.354	0.356	5.00	0.518	pCi/L		06/09/25 11:49	1

Client Sample Results

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

Job ID: 500-267875-2

Client Sample ID: MW-13

Lab Sample ID: 500-267875-4

Date Collected: 05/06/25 15:28

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	0.168	U	0.130	0.131	1.00	0.190	pCi/L	05/09/25 07:37	06/08/25 19:24	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.1		30 - 110					05/09/25 07:37	06/08/25 19:24	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	0.851		0.378	0.386	1.00	0.508	pCi/L	05/09/25 08:37	06/06/25 11:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.1		30 - 110					05/09/25 08:37	06/06/25 11:47	1
Y Carrier	89.3		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	1.02		0.400	0.408	5.00	0.508	pCi/L		06/09/25 11:49	1

Client Sample Results

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

Job ID: 500-267875-2

Client Sample ID: MW-14

Lab Sample ID: 500-267875-5

Date Collected: 05/06/25 13:14

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	0.483		0.176	0.181	1.00	0.170	pCi/L	05/09/25 07:37	06/08/25 19:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		30 - 110					05/09/25 07:37	06/08/25 19:25	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.08		0.417	0.429	1.00	0.523	pCi/L	05/09/25 08:37	06/06/25 11:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		30 - 110					05/09/25 08:37	06/06/25 11:47	1
Y Carrier	83.4		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	1.56		0.453	0.466	5.00	0.523	pCi/L		06/09/25 11:49	1

Client Sample Results

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

Job ID: 500-267875-2

Client Sample ID: 1N/1S Duplicate

Lab Sample ID: 500-267875-6

Date Collected: 05/06/25 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	0.121	U	0.112	0.113	1.00	0.169	pCi/L	05/09/25 07:37	06/08/25 19:25	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					05/09/25 07:37	06/08/25 19:25	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.460	U	0.329	0.331	1.00	0.494	pCi/L	05/09/25 08:37	06/06/25 11:47	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110					05/09/25 08:37	06/06/25 11:47	1
Y Carrier	83.4		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	0.582		0.348	0.350	5.00	0.494	pCi/L		06/09/25 11:49	1

Client Sample Results

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

Job ID: 500-267875-2

Client Sample ID: MW-01

Lab Sample ID: 500-267875-7

Date Collected: 05/07/25 16:06

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	0.135	U	0.215	0.215	1.00	0.371	pCi/L	05/12/25 07:37	06/05/25 18:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		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	0.571	U	0.389	0.393	1.00	0.578	pCi/L	05/12/25 07:40	06/05/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.8		30 - 110					05/12/25 07:40	06/05/25 11:57	1
Y Carrier	75.5		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	0.706		0.444	0.448	5.00	0.578	pCi/L		06/09/25 11:49	1

Client Sample Results

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

Job ID: 500-267875-2

Client Sample ID: MW-02

Lab Sample ID: 500-267875-8

Date Collected: 05/07/25 16:52

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	0.300	U	0.219	0.220	1.00	0.304	pCi/L	05/12/25 07:37	06/05/25 18:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.3		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	0.646	U	0.475	0.478	1.00	0.727	pCi/L	05/12/25 07:40	06/05/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.3		30 - 110					05/12/25 07:40	06/05/25 11:57	1
Y Carrier	71.4		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	0.946		0.523	0.526	5.00	0.727	pCi/L		06/09/25 11:49	1

Client Sample Results

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

Job ID: 500-267875-2

Client Sample ID: MW-03

Lab Sample ID: 500-267875-9

Date Collected: 05/07/25 13:17

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	0.224	U	0.243	0.243	1.00	0.391	pCi/L	05/12/25 07:37	06/05/25 18:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.6		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	0.0293	U	0.353	0.353	1.00	0.654	pCi/L	05/12/25 07:40	06/05/25 11:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.6		30 - 110					05/12/25 07:40	06/05/25 11:58	1
Y Carrier	75.1		30 - 110					05/12/25 07:40	06/05/25 11:58	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.253	U	0.429	0.429	5.00	0.654	pCi/L		06/09/25 11:49	1

Client Sample Results

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

Job ID: 500-267875-2

Client Sample ID: MW-04

Lab Sample ID: 500-267875-10

Date Collected: 05/07/25 11:48

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	0.169	U	0.199	0.200	1.00	0.326	pCi/L	05/12/25 07:37	06/05/25 18:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.8		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	0.713		0.366	0.372	1.00	0.502	pCi/L	05/12/25 07:40	06/05/25 11:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.8		30 - 110					05/12/25 07:40	06/05/25 11:58	1
Y Carrier	81.9		30 - 110					05/12/25 07:40	06/05/25 11:58	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.882		0.417	0.422	5.00	0.502	pCi/L		06/09/25 11:49	1

Client Sample Results

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

Job ID: 500-267875-2

Client Sample ID: MW-15

Lab Sample ID: 500-267875-11

Date Collected: 05/07/25 14:24

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	0.373	U	0.285	0.287	1.00	0.424	pCi/L	05/12/25 07:37	06/05/25 18:07	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.6		30 - 110					05/12/25 07:37	06/05/25 18:07	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.372	U	0.307	0.309	1.00	0.471	pCi/L	05/12/25 07:40	06/05/25 11:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.6		30 - 110					05/12/25 07:40	06/05/25 11:58	1
Y Carrier	86.0		30 - 110					05/12/25 07:40	06/05/25 11:58	1

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

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.745		0.419	0.422	5.00	0.471	pCi/L		06/09/25 11:49	1

Definitions/Glossary

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

Job ID: 500-267875-2

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: 500-267875-2

Rad

Prep Batch: 716778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267875-1	MW-07	Total/NA	Water	PrecSep-21	
500-267875-2	MW-08	Total/NA	Water	PrecSep-21	
500-267875-3	MW-09	Total/NA	Water	PrecSep-21	
500-267875-4	MW-13	Total/NA	Water	PrecSep-21	
500-267875-5	MW-14	Total/NA	Water	PrecSep-21	
500-267875-6	1N/1S Duplicate	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	
500-267875-6 DU	1N/1S Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 716785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267875-1	MW-07	Total/NA	Water	PrecSep_0	
500-267875-2	MW-08	Total/NA	Water	PrecSep_0	
500-267875-3	MW-09	Total/NA	Water	PrecSep_0	
500-267875-4	MW-13	Total/NA	Water	PrecSep_0	
500-267875-5	MW-14	Total/NA	Water	PrecSep_0	
500-267875-6	1N/1S Duplicate	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	
500-267875-6 DU	1N/1S Duplicate	Total/NA	Water	PrecSep_0	

Prep Batch: 717134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-267875-7	MW-01	Total/NA	Water	PrecSep-21	
500-267875-8	MW-02	Total/NA	Water	PrecSep-21	
500-267875-9	MW-03	Total/NA	Water	PrecSep-21	
500-267875-10	MW-04	Total/NA	Water	PrecSep-21	
500-267875-11	MW-15	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
500-267875-7	MW-01	Total/NA	Water	PrecSep_0	
500-267875-8	MW-02	Total/NA	Water	PrecSep_0	
500-267875-9	MW-03	Total/NA	Water	PrecSep_0	
500-267875-10	MW-04	Total/NA	Water	PrecSep_0	
500-267875-11	MW-15	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: 500-267875-2

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	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	MB	Limits		Prepared	Analyzed	Dil Fac			
Ba Carrier	%Yield	Qualifier	30 - 110		05/09/25 07:37	06/08/25 15:15	1			
	87.1									

Lab Sample ID: LCS 160-716778/2-A
Matrix: Water
Analysis Batch: 721231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 716778

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

Lab Sample ID: 500-267875-6 DU
Matrix: Water
Analysis Batch: 721229

Client Sample ID: 1N/1S Duplicate
Prep Type: Total/NA
Prep Batch: 716778

Analyte	Sample	Sample	DU	DU	Total	RL	MDC	Unit	RER	RER Limit
	Result	Qual	Result	Qual	Uncert. (2σ+/-)					
Radium-226	0.121	U	0.06836	U	0.104	1.00	0.179	pCi/L	0.24	1
Carrier	DU	DU	Limits		Prepared	Analyzed	Dil Fac			
Ba Carrier	%Yield	Qualifier	30 - 110							
	92.3									

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	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	MB	Limits		Prepared	Analyzed	Dil Fac			
Ba Carrier	%Yield	Qualifier	30 - 110		05/12/25 07:37	06/05/25 17:55	1			
	92.0									

Lab Sample ID: LCS 160-717134/2-A
Matrix: Water
Analysis Batch: 720979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 717134

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

Eurofins Chicago

QC Sample Results

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

Job ID: 500-267875-2

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

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

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

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-716785/1-A
Matrix: Water
Analysis Batch: 721141

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 716785

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

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

Lab Sample ID: LCS 160-716785/2-A
Matrix: Water
Analysis Batch: 721141

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 716785

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

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

Lab Sample ID: 500-267875-6 DU
Matrix: Water
Analysis Batch: 721141

Client Sample ID: 1N/1S Duplicate
Prep Type: Total/NA
Prep Batch: 716785

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	0.460	U	0.6211		0.333	1.00	0.449	pCi/L	0.24	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	92.3		30 - 110
Y Carrier	83.0		30 - 110

Lab Sample ID: MB 160-717135/1-A
Matrix: Water
Analysis Batch: 720979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 717135

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

Eurofins Chicago

QC Sample Results

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

Job ID: 500-267875-2

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

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

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

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>JAN JOHN HONIGSON</i>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-136137-45943 1									
Client Contact: Patrick Allenstein		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>500-267875</i>							
Address: 14665 West Lisbon Road, Suite 1A		Due Date Requested:		 <p>500-267875 COC</p>						Preservation Codes: D - HNO3 N - None							
City: Brookfield		TAT Requested (days):								Other:							
State Zip: WI, 53005		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No															
Phone:		PO #: 4502187743															
Email: patricka@kprginc.com		WO #:															
Project Name: Will County 1N/1S Event Desc. Quarterly GW Monitoring		Project #: 50011609		SSOW#:		Special Instructions/Note:											
Site: Illinois																	
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of Containers		Special Instructions/Note:	
										903.0, 904.0		6010C, 6020A, 7470A		2540C, 4500_F_C, SM4500_CL_E, SM4500_SO4_E			
										D		D		N			
MW-01		-		-		-		Water									
MW-02		-		-		-		Water									
MW-03		-		-		-		Water									
MW-04		-		-		-		Water									
1 MW-07		<i>5-6-25</i>		<i>14:08</i>		<i>G</i>		Water		<i>N</i>		<i>N</i>		<i>X</i>		<i>X</i>	
2 MW-08		<i>5-6-25</i>		<i>11:50</i>		<i>G</i>		Water		<i>N</i>		<i>N</i>		<i>X</i>		<i>X</i>	
3 MW-09		<i>5-6-25</i>		<i>10:23</i>		<i>G</i>		Water		<i>N</i>		<i>N</i>		<i>X</i>		<i>X</i>	
4 MW-13		<i>5-5-25</i>		<i>15:28</i>		<i>G</i>		Water		<i>N</i>		<i>N</i>		<i>X</i>		<i>X</i>	
5 MW-14		<i>5-6-25</i>		<i>13:14</i>		<i>G</i>		Water		<i>N</i>		<i>N</i>		<i>X</i>		<i>X</i>	
6 MW-15		-		-		-		Water		<i>N</i>		<i>N</i>		<i>X</i>		<i>X</i>	
1N/1S Duplicate		<i>5-6-25</i>		-		<i>G</i>		Water		<i>N</i>		<i>N</i>		<i>X</i>		<i>X</i>	
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)											
<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>											
Relinquished by:		Date/Time:		Company:		Received by:											
Relinquished by:		Date/Time:		Company:		Received by:											
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks													
				<i>1.6 → 2.2 on 5/1/25</i> <i>1.7 → 2.3; 0.8 → 1.4; 1.2 → 1.8; 2.7 → 3.0</i> <i>48g+</i>													



Eurofins Chicago

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

Chain of Custody Record

Client Information		Sampler: <u>IAN JOHN HANIKSON</u>		Lab PM: Mockler, Diana J		Carrier Tracking No(s):		COC No: 500-136137-45943 1	
Client Contact: Patrick Allenstein		Phone: <u>630-240-6850</u>		E-Mail: Diana Mockler@et.eurofins.com		State of Origin:		Page: Page 1 of 1	
Company: KPRG and Associates, Inc.		Address: 14665 West Lisbon Road, Suite 1A, Brookfield, WI, 53005		500-267875 COC		Analysis Requested		Job #: <u>500-267875</u>	
Project Name: Will County 1N/1S Event Desc. Quarterly GW Monitoring <u>CCR</u>		Project #: 50011609		SSOW#:		Preservation Codes: D - HNO3, N - None		Other:	
Site: Illinois		Due Date Requested:		TAT Requested (days):		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		PO #: 4502187743	
Email: patricka@kprginc.com		WO #:		Field Filtered Sample (Yes or No)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Total Number of Containers	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix	
						Preservation Code			
7 MW-01		5-7-25		16:06		G		Water	
8 MW-02		5-7-25		16:52		G		Water	
9 MW-03		5-7-25		13:17		G		Water	
10 MW-04		5-7-25		11:48		G		Water	
MW-07		-		-		-		Water	
MW-08		-		-		-		Water	
MW-09		-		-		-		Water	
MW-13		-		-		-		Water	
MW-14		-		-		-		Water	
11 MW-15		5-7-25		14:24		G		Water	
1N/1S Duplicate		-		-		-		Water	
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
<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: <u>[Signature]</u>		Date/Time: <u>5-8-25 08:30</u>		Company: <u>KPRG</u>		Received by: <u>[Signature]</u>		Date/Time: <u>5/8/25 0830</u>	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>0.5 → 1.1, 0.4 → 0.2, 2.3 → 2.6</u>					



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

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)

Client Contact: N/A
 Shipping/Receiving: N/A
 Company: TestAmerica Laboratories, Inc.
 Address: 13715 Rider Trail North, Earth City, MO 63045
 Phone: 314-298-8566(Tel) 314-298-8757(Fax)
 Email: N/A
 Project Name: Will County CCR (RAD)
 Site: NRG Midwest Generation Will County
 SOW#: N/A

Lab PM: Mockler, Diana J
 E-Mail: Diana.Mockler@et.eurofins.com
 Carrier Tracking No(s): N/A
 State of Origin: Illinois
 COC No: 500-200332.1
 Page: Page 1 of 1
 Job #: 500-267875-2
 Preservation Codes:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=gab)	Matrix (W=water, S=solid, O=oil, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	90.0/PrecSep_21 Standard Target List	90.0/PrecSep_0 Standard Target List	Total Number of Containers	Special Instructions/Note:
MW-07 (500-267875-1)	5/6/25	14:08 Central	G	Water	X	X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.
MW-08 (500-267875-2)	5/6/25	11:50 Central	G	Water	X	X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.
MW-09 (500-267875-3)	5/6/25	11:23 Central	G	Water	X	X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.
MW-13 (500-267875-4)	5/6/25	15:28 Central	G	Water	X	X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.
MW-14 (500-267875-5)	5/6/25	13:14 Central	G	Water	X	X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.
1N/1S Duplicate (500-267875-6)	5/6/25	Central	G	Water	X	X	X	X	3	Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume.

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

Possible Hazard Identification
 Unconfirmed
 Deliverable Requested: I, II, III, IV, Other (specify) _____
 Primary Deliverable Rank: 2
 Empty Kit Relinquished by: _____
 Relinquished by: *Chyi Scott* Date: 5/7/25 1600
 Relinquished by: _____ Date: _____
 Relinquished by: _____ Date: _____
 Custody Seals Intact: Yes No
 Custody Seal No.: _____
 Received by: *Chyi Scott* Date: 05/08 2025
 Received by: *Cheyenne Forrest* Date: _____
 Received by: _____ Date: _____
 Cooler Temperature(s) °C and Other Remarks: _____





Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Mockler, Diana J	Carrier Tracking No(s): N/A	COG No: 500-200359-1
Client Contact: N/A		Phone: N/A	E-Mail: Diana.Mockler@et.eurofins.com	State of Origin: Illinois	Page: Page 1 of 1
Shipping/Receiving		Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois	Job #: 500-267875-2
Address: 13715 Rider Trail North,		Due Date Requested: 5/28/2025		Preservation Codes:	
City: Earth City		TAT Requested (days): N/A		Analysis Requested	
State, Zip: MO, 63045		PO #: N/A		Total Number of Containers	
Phone: 314-298-8566(Tel) 314-298-8757(Fax)		WO #: N/A		Ra226Ra228 GPPC	
Email: N/A		Project #: 50011609		903.0/PreSep_21 Standard Target List	
Will County CCR (RAD)		SSOW#: N/A		904.0/PreSep_0 Standard Target List	
Site: NRG Midwest Generation Will County		Matrix (W=water, S=solid, O=waste/oil, IS=Tissue, A=Air)		Perform MS/MSD (Yes or No)	
		Sample Date		Field Filtered Sample (Yes or No)	
		Sample Time		Preservation Code	
		Sample Type (C=comp, G=grab)		Special Instructions/Note:	
Sample Identification - Client ID (Lab ID)		5/7/25		Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;	
MW-01 (500-267875-7)		16:06 Central		Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;	
MW-02 (500-267875-8)		5/7/25		Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;	
MW-03 (500-267875-9)		5/7/25		Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;	
MW-04 (500-267875-10)		5/7/25		Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;	
MW-15 (500-267875-11)		5/7/25		Batch QC must be performed (dup, spikes, etc) - no NCMs concerning limited volume;	
<p>Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.</p>					
Possible Hazard Identification					
Unconfirmed					
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2					
Empty Kit Relinquished by:		Date:		Method of Shipment:	
Relinquished by: <i>[Signature]</i>		Date: 5/8/25 1530		Received by: <i>[Signature]</i> Company	
Relinquished by:		Date/Time:		Received by: Cheyenne Forest Company	
Relinquished by:		Date/Time:		Received by: Company	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For Months

Special Instructions/QC Requirements:



Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-267875-2

Login Number: 267875

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	1.4,1.8,3.0,2.2,1.1,0.2,2.6
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: 500-267875-2

Login Number: 267875

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 <=/ 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.



Login Sample Receipt Checklist

Client: Midwest Generation EME LLC

Job Number: 500-267875-2

Login Number: 267875

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: 500-267875-2

Client Sample ID: MW-07

Lab Sample ID: 500-267875-1

Date Collected: 05/06/25 14:08

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 11:46
Total/NA	Analysis	Ra226_Ra228		1	721503	FLC	EET SL	06/09/25 11:49

Client Sample ID: MW-08

Lab Sample ID: 500-267875-2

Date Collected: 05/06/25 11:50

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-09

Lab Sample ID: 500-267875-3

Date Collected: 05/06/25 11:23

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	721229	SWS	EET SL	06/08/25 19:24
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-13

Lab Sample ID: 500-267875-4

Date Collected: 05/06/25 15:28

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	721229	SWS	EET SL	06/08/25 19:24
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

Lab Chronicle

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

Job ID: 500-267875-2

Client Sample ID: MW-14

Lab Sample ID: 500-267875-5

Date Collected: 05/06/25 13:14

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	721229	SWS	EET SL	06/08/25 19:25
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: 1N/1S Duplicate

Lab Sample ID: 500-267875-6

Date Collected: 05/06/25 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	721229	SWS	EET SL	06/08/25 19:25
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-01

Lab Sample ID: 500-267875-7

Date Collected: 05/07/25 16:06

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

Client Sample ID: MW-02

Lab Sample ID: 500-267875-8

Date Collected: 05/07/25 16:52

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

Lab Chronicle

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

Job ID: 500-267875-2

Client Sample ID: MW-03

Lab Sample ID: 500-267875-9

Date Collected: 05/07/25 13:17

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 11:58
Total/NA	Analysis	Ra226_Ra228		1	721503	FLC	EET SL	06/09/25 11:49

Client Sample ID: MW-04

Lab Sample ID: 500-267875-10

Date Collected: 05/07/25 11:48

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 11:58
Total/NA	Analysis	Ra226_Ra228		1	721503	FLC	EET SL	06/09/25 11:49

Client Sample ID: MW-15

Lab Sample ID: 500-267875-11

Date Collected: 05/07/25 14:24

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 18:07
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 11:58
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: 500-267875-2

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)	
500-267875-1	MW-07	90.8	
500-267875-2	MW-08	85.6	
500-267875-3	MW-09	86.6	
500-267875-4	MW-13	89.1	
500-267875-5	MW-14	84.8	
500-267875-6	1N/1S Duplicate	87.3	
500-267875-6 DU	1N/1S Duplicate	92.3	
500-267875-7	MW-01	84.8	
500-267875-8	MW-02	83.3	
500-267875-9	MW-03	82.6	
500-267875-10	MW-04	89.8	
500-267875-11	MW-15	81.6	
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)
500-267875-1	MW-07	90.8	86.4
500-267875-2	MW-08	85.6	78.9
500-267875-3	MW-09	86.6	81.5
500-267875-4	MW-13	89.1	89.3
500-267875-5	MW-14	84.8	83.4
500-267875-6	1N/1S Duplicate	87.3	83.4
500-267875-6 DU	1N/1S Duplicate	92.3	83.0
500-267875-7	MW-01	84.8	75.5
500-267875-8	MW-02	83.3	71.4
500-267875-9	MW-03	82.6	75.1
500-267875-10	MW-04	89.8	81.9
500-267875-11	MW-15	81.6	86.0
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-01	Start Time	15:51	
Condition of Well	Good			
Water Level	10.21	Total Depth	—	
Well Diameter	PVC - 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS TRACE ^{2 TINT} SULPHUR ODOR TURB	
Volume Removed	1.75 QTS.	W L at Sample Time	10.23	
Method of Sample	Low-Flow	Sample Characteristics	SLIGHT TINT & TURB SULPHUR ODOR / ^{CCA} FILTERED CLEAR	
Sample Analysis	CCA + CCR INIS	Sample Time	16:06	
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)
15:54	10.24	7.43	14.7	1.633	2.89	-3.8	23.72
15:57	10.25	7.39	14.9	1.618	1.52	-18.8	68.44
16:00	10.23	7.39	14.7	1.607	0.98	-26.9	62.18
16:03	10.23	7.37	14.7	1.606	0.78	-32.6	53.42
16:06	10.23	7.37	14.8	1.608	0.66	-35.5	51.09
—							

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - WILL COUNTY STATION (12313.3)		DATE	5-7-25
Sample Name	MW-02	Start Time	16:40	
Condition of Well	GOOD			
Water Level	11.37	Total Depth	—	
Well Diameter	PVC - 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS SLIGHT ODOR	
Volume Removed	1.5 QTS.	W L at Sample Time	11.41	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR CCA FILTERED.	
Sample Analysis	CCA + CCR INIS	Sample Time	16:52	
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)
16:43	11.38	7.84	14.7	1.397	2.49	119.6	6.14
16:46	11.43	7.78	14.7	1.389	1.25	123.7	3.98
16:49	11.44	7.77	14.7	1.391	0.87	120.4	4.32
16:52	11.41	7.76	14.6	1.393	0.79	118.5	4.28
—							

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - WILL COUNTY STATION (12313.3)		DATE	5-7-25
Sample Name	MW-03	Start Time	13:02	
Condition of Well	GOOD			
Water Level	10.85	Total Depth	—	
Well Diameter	PVC - 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS ODORLESS	
Volume Removed	2.25 GALS	W L at Sample Time	10.91	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR CCA FILTERED	
Sample Analysis	CCA + CCR INIS	Sample Time	13:17	
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)
13:05	10.91	6.83	13.0	1.366	2.23	185.9	3.56
13:08	10.93	6.69	14.2	1.401	1.60	195.7	2.86
13:11	10.92	6.67	14.2	1.404	1.38	203.6	2.84
13:14	10.91	6.67	14.1	1.397	1.35	211.3	2.72
13:17	10.91	6.65	14.2	1.396	1.35	212.4	2.79
—							

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - WILL COUNTY STATION (12313.3)		DATE	5-7-25
Sample Name	MW-04	Start Time	11:30	
Condition of Well	Good			
Water Level	11.15	Total Depth	—	
Well Diameter	PVC - 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	SLIGHT BUBBLES ODORLESS TURB	
Volume Removed	2.0 QTS	W L at Sample Time	11.20	
Method of Sample	Low-Flow	Sample Characteristics	APPROX CLEAR CCA FILTERED.	
Sample Analysis	CCA + ECR INIS	Sample Time	11:48	
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)
11:33	11.21	6.78	14.5	2.465	3.24	186.4	22.91
11:36	11.25	6.70	13.6	2.460	2.90	196.9	14.71
11:39	11.18	6.67	16.0	2.544	2.95	205.9	10.23
11:42	11.20	6.67	15.9	2.618	2.90	216.9	9.07
11:45	11.21	6.67	16.0	2.616	2.83	225.3	7.23
11:48	11.20	6.67	15.6	2.610	2.82	227.8	7.76
—							

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - WILL COUNTY STATION (12313.3)		DATE	5-6-25
Sample Name	MW-07	Start Time	13:47	
Condition of Well	Good			
Water Level	10.64	Total Depth	—	
Well Diameter	PVC - 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS TRACE SLIGHT ODOR TURB	
Volume Removed	2.5 QTS.	W L at Sample Time	10.83	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR CCA FILTERED	
Sample Analysis	CCA + CCR INIS	Sample Time	14:08	
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)
13:50	10.77	7.02	14.3	2.274	5.69	124.3	9.31
13:53	10.77	6.77	15.7	2.396	5.01	136.4	10.59
13:56	—	6.69	14.1	2.400	3.61	147.5	10.40
13:59	10.82	6.65	13.9	2.400	2.70	155.7	10.70
14:02	10.83	6.63	13.8	2.407	2.29	162.4	6.31
14:05	10.84	6.62	13.7	2.413	1.94	167.5	4.94
14:08	10.83	6.61	13.8	2.417	1.86	168.9	4.86
—							

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - WILL COUNTY STATION (12313.3)		DATE	5-6-25
Sample Name	MW-08	Start Time	11:29	
Condition of Well	GOOD			
Water Level	11.43	Total Depth	—	
Well Diameter	PVC - 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	RUST COLOR TINT WITH HIGH TURBIDITY PARTICLES, SLIGHT ODOUR	
Volume Removed	3.0 GALS	W L at Sample Time	11.68	
Method of Sample	Low-Flow	Sample Characteristics	SLIGHT TINT & TURBIDITY CCA CLEAR FILTERED	
Sample Analysis	CCA + CCR + CCR DUP ^{ITS}	Sample Time	11:50	
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)
11:32	11.62	7.37	14.1	1.726	6.76	116.9	18.51
11:35	11.57	7.16	13.9	1.670	5.14	121.7	133.10
11:38	—	7.13	12.9	1.540	3.28	123.2	66.40
11:41	—	7.05	12.5	1.533	2.13	115.6	49.42
11:44	11.83	7.00	12.0	1.508	1.42	106.3	40.12
11:47	11.74	6.97	11.9	1.503	1.10	92.3	27.35
11:50	11.68	6.96	12.0	1.503	1.05	89.5	23.68
—							

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

FLUSH CCA

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	1115 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



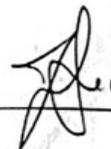
PROJECT NAME	NRG - WILL COUNTY STATION (12313.3)		DATE	5-5-25
Sample Name	MW-13	Start Time	15:13	
Condition of Well	GOOD			
Water Level	10.92	Total Depth	—	
Well Diameter	PVC - 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORED TRACE ODORLESS TURB	
Volume Removed	2.0 GAL	WL at Sample Time	11.11	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR TRACE TURB	
Sample Analysis	CCR 1/15	Sample Time	15:28	
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)
15:16	11.04	7.58	12.3	1.449	6.31	75.1	31.98
15:19	11.08	7.46	12.9	1.504	5.20	86.1	28.01
15:22	11.10	7.42	13.0	1.529	4.80	95.5	24.98
15:25	11.13	7.41	13.1	1.535	4.76	103.5	23.71
15:28	11.11	7.40	13.2	1.537	4.81	105.3	23.03
—							

SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - WILL COUNTY STATION (12313.3)		DATE	5-6-25
Sample Name	MW-14	Start Time	12:53	
Condition of Well	GOOD			
Water Level	10.48	Total Depth	—	
Well Diameter	PVC - 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	COLORLESS / TRACE SLIGHT ODR TURB	
Volume Removed	2.0 GGS.	W L at Sample Time	10.51	
Method of Sample	Low-Flow	Sample Characteristics	APPEARS CLEAR TRACE TURB	
Sample Analysis	CCR 1, N1S	Sample Time	13:14	
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)
12:56	10.52	7.82	13.2	1.448	3.05	95.0	4.80
12:59	10.49	7.85	14.4	1.486	2.45	52.1	5.11
13:02	10.47	7.87	15.8	1.523	2.08	10.1	4.92
13:05	10.48	7.87	15.3	1.566	2.05	-15.9	6.46.
13:08	10.51	7.93	16.1	1.523	1.81	-39.9	7.52.
13:11	10.52	8.07	14.2	1.436	0.96	-66.7	6.47.
13:14	10.51	8.08	13.9	1.427	0.81	-69.3	6.43.
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SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates



PROJECT NAME	NRG - WILL COUNTY STATION (12313.3)		DATE	5-7-25
Sample Name	MW-15	Start Time	14:03	
Condition of Well	Good			
Water Level	9.83	Total Depth	—	
Well Diameter	PVC - 2 inch	Volume in Well	—	
Method of Purge	Low-Flow	Purge Characteristics	LT BRN TINT TRACE ODORLESS TURB	
Volume Removed	2.5 QRS	W L at Sample Time	10.14	
Method of Sample	Low-Flow	Sample Characteristics	LT BRN TINT ODORLESS	
Sample Analysis	CCR INIS	Sample Time	14:24	
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)
14:06	9.91	7.05	15.1	2.245	6.06	192.0	22.63
14:09	9.98	6.91	15.0	2.498	4.71	74.3	31.57
14:12	10.04	6.83	15.0	2.695	3.02	-24.9	58.40
14:15	10.07	6.79	15.0	2.794	1.97	-55.6	42.84
14:18	10.14	6.79	14.9	2.810	1.71	-61.3	37.92
14:21	10.15	6.78	14.9	2.841	1.31	-68.2	27.10
14:24	10.14	6.78	14.9	2.858	1.25	-71.3	24.11
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SAMPLING NOTES:

Sampler Name and Company:

KPRG and Associates

